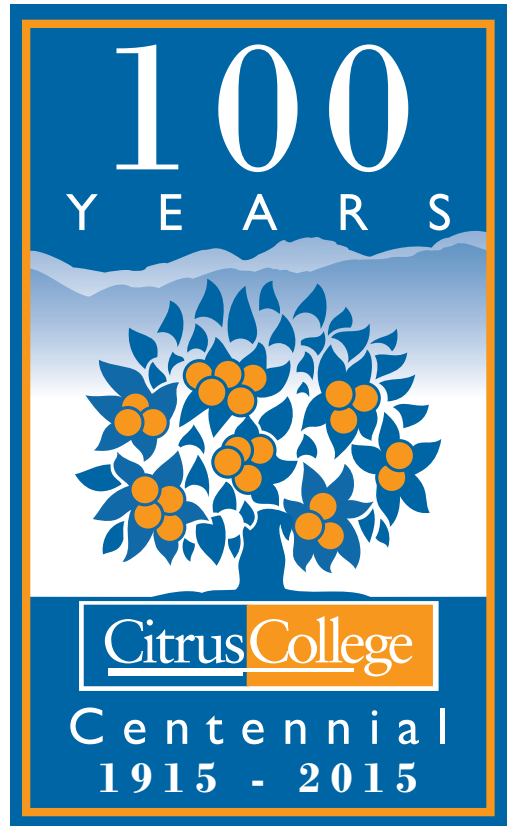
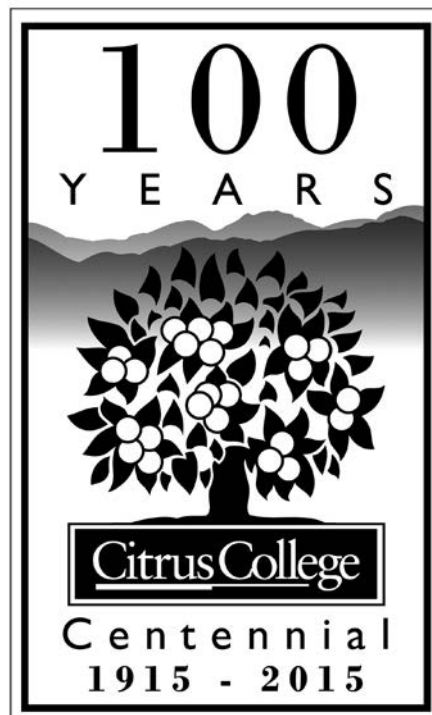


Citrus College

2014-2015
Catalog





Citrus Community College District
1000 West Foothill Boulevard, Glendora, California 91741-1899
www.citruscollege.edu • (626) 963-0323
(TDD) Telecommunication Device for the Deaf, (626) 914-8674 (available 24 hours)

Table of Contents

Welcome to Citrus College: Superintendent/President’s Message 5
 Board of Trustees 5

Institutional Memberships 6
2014-2015 Academic Calendar 7

Who are We? History, Mission and Community
 Overview/History 8
 Accreditation and Affiliations 8
 Mission Statement and Objectives 8
 Vision and Values 9
 Foundation and Alumni 9

Citrus College: A College of Completion..... 10

College Directory 11-14

How Do I Get Started? Admission and Registration
 Admission 15
 International Student Admission 15
 High School Students 15
 How to Apply 15
 Residency Requirements 16
 Transcripts 16
 Class Schedules 17
 Registration 17
 Unit Limitations 18
 WingSpan 18
 Waitlist 18
 Add Codes 18
 Enrollment Verification 19
 Distance Education 19
 Fees and Expenses 19
 Refund Policy 20
 Student Financial Obligations 20
 Cancelled Classes 20

How Do I Adjust to Campus Life?
Student Success and Support Program
 Assessment, Orientation, and Counseling
 Student Success and Support Program 21
 Matriculation 21
 Criteria for Exemption from Matriculation 21
 What is Assessment? 21
 What is Required Orientation? 22

Counseling/Advisement 22
 Prerequisites, Co-Requisites, and Recommendations 23
 Verification of Prerequisites 23
 Challenging Prerequisites 23

Información en Español
 Admisión 24
 Estudiantes de la Preparatoria 24
 Cómo Solicitar Admisión 25
 Requisitos de Residencia 25
 Exención para no Pagar la Colegiatura Como No Residente de California (AB 540) 25
 Cuotas y Gastos 26
 Póliza de Reembolso de Cuotas 26
 Obligaciones Financieras de los Estudiantes 27
 Ayuda Financiera 27
 Asesoría y Orientación Qué es la Asesoría? 30
 Que es una Orientación Requerida? 31
 Consejería/Asesoría Académica 31
 EOP&S/CARE 32
 Educación Continua y Educación Nocrédito 32-33
 Lista de personal que habla español: 33

What are the Rules? Academic Policies and Requirements
 Attendance Policy 34
 Absences 34
 Adding and Dropping Classes 34
 Instructor Drop 34
 Auditing Courses 34
 Program Changes: Adding and Dropping Classes 34
 Credits, Grades and Academic Status 34
 Academic Record Symbols and Grade Points 34
 Evaluating Academic Progress 35
 Probation, Dismissal and Reinstatement 36
 Course Repetition 37
 New Rules on Course Repeatability and
 Course Families 37
 Pass/No Pass Courses 39
 Credit by Examination 39

Citrus College Credit for Advancement Placement (AP) Tests..... 42-47

How Does Citrus Recognize High Achievement?

Honors Programs and Recognition

Academic Honors 48
 Achievement Awards 48
 Honors at Graduation 48
 Honors Program 48
 Honor Societies 48

Who Records My Grades and Credits?

Policies Regarding Academic Records

Academic Records 49
 Academic Renewal 49
 Transcripts 49
 Challenge of Educational Records 49

Where Do I Find Help and How Do I Become Involved? Student Services and Student Life

Admissions and Records 50
 Athletics 50
 Bookstore 50
 CalWORKs 51
 Campus Safety 51
 Cashier 51
 Center for Teacher Excellence 51
 Counseling & Advisement Center 52
 Disabled Students Programs & Services 52
 EOP&S/CARE 52
 Financial Aid 53
 Food Services 56
 Health Center 56
 International Student Center 57
 Student Employment Services 57
 Student Government and Student Affairs 57
 Student Activities and Organizations 57
 Transfer Center 58
 Veterans Success Center 58

What Additional Resources are Available at Citrus? Campus Facilities and Learning Resources

Adaptive PE/Fitness Center 59
 Aquatic Center 59
 Art & Coffee Bar 59
 Art Gallery 59
 Athletics Facilities 59
 Campus Center 59
 College Success Program 59
 Cashier/Bursar Offices 60
 Golf Driving Range 60

Haugh Performing Arts Center 60
 Learning Center 61
 The Writing Café 61
 Library Services 61
 STEM Resource Center 62
 Study Abroad Program 62
 Technical Services and Computer Labs 62
 What Programs of Study Does Citrus College Offer? 63-66

How Do I Earn a Degree at Citrus College?

Programs of Study Leading to an Associate Degree

Degree Requirements 67
 Degree Programs List 67
 Associate Degrees for Transfer 67
 Core Competencies and Student Learning Outcomes 68

Graduation Requirements for an Associate Degree

Associate in Art and Associate in Science Degrees 69
 Associate in Art and Associate in Science Degrees for Transfer 70
 General Education Philosophy and Requirements 70
 Application for Graduation 75
 Planning for Transfer 76
 California State University 76
 University of California 83
 Intersegment General Transfer Curriculum (IGETC) 84

Associate Degrees

Associate Degrees for Transfer 89
 Associate Degrees (A.A. and A.S.) 103

What Career and Technical Programs Does Citrus Offer? Programs of Study Leading to a Certificate of Achievement

Program Listings 138
 Programs of Study 139

How Do I Earn a Skill Award From Citrus? Programs of Study Leading to a Skill Award

Program Listings 159
 Programs of Study 159

How Do I Earn a Noncredit Certificate of Competency or Completion from Citrus? 162

Does Citrus Offer Courses for Growth and Development? Noncredit and Community Education

Continuing Education..... 164
 Noncredit Education 164
 Community Education..... 164

Citrus College Institutional Outcomes.....166-178

How are Citrus College’s Academic Programs Organized? Academic Divisions, Departments, and Subjects

Subjects by Division and Department..... 179
 Course Code Directory 180
 A Guide to Understanding the Course Descriptions..... 181

Course Descriptions

Credit Courses 182
 Noncredit Courses 269

College Policies and Notices: Rules for Safety and Success

Academic Freedom Statement..... 277
 Academic Honesty..... 277
 Athletic Eligibility 277
 Drug Free Policy 277
 Campus Disturbances 277
 Cheating and Plagiarism 277
 Code of Conduct 277
 Standards of Conduct 278
 Driving and Parking 279
 Grievance Procedures 279
 Hazing..... 279
 Sexual Violence and Sexual Harassment Prevention 279
 Smoking on Campus..... 280
 Substance Abuse Policy 280

Notices

Campus Safety..... 281
 Registered Sex Offender Information 281
 Catalog Rights..... 281
 Continuous Enrollment..... 281
 Nondiscrimination Policy 281
 Open Enrollment 281
 Public Safety 282
 Student Rights and Privacy Act..... 282

Student Right-to-Know 282
Faculty and Administrators 283
Faculty and Administrators Emeriti..... 289
Definitions 293
Maps 295
Index 296

Notice to Students

The information contained in this catalog is advisory only and does not constitute a contractual agreement by the college or guarantee that course content will be strictly followed or fulfilled. Citrus College and the Citrus Community College District reserves the right to change at any time, without notice, academic requirements to graduate, curriculum course content and structure, and such other matters as may be within their control, notwithstanding any information set forth in this catalog.

All changes, corrections, and revisions to the catalog that occur after printing will be posted in the online version of the catalog and accessed by visiting www.citruscollege.edu.

There is a \$3.00 charge for the Citrus College Catalog.

Citrus College publications are available in an alternate format upon request by persons with verifiable disabilities.

Citrus College is an Equal Opportunity Institution.

Superintendent/President's Message



The year was 1915. The nation's first stop sign appeared in Michigan, Babe Ruth made his pitching debut, and the Girl Scouts organization was introduced. Also that year, Citrus College was established as the first community college in Los Angeles County. Now, nearly one hundred years later, Citrus College is a nationally recognized institution, consistently ranked as a top associate degree producer by the publications Community College Week and The Hispanic Outlook in Higher Education. Citrus College has also been validated by GI Jobs magazine as a Military Friendly School for four consecutive years.

Citrus College's many recognitions reflect the fact that student success is our ultimate goal. In fact, we offer numerous tools and resources to help you advance on your road to college completion. Whether your plans include an associate degree, transfer opportunities, or a career/technical certificate, you will not be making this academic journey alone. Our outstanding faculty and staff are dedicated to helping you achieve your educational and career goals, and this catalog will provide you with a wealth of information regarding general policies, program requirements, and course descriptions.

Since its founding, Citrus College has been committed to preparing students for productive and rewarding lives. As we celebrate its centennial and reflect upon its prestigious past, we are also planning for the future - your future! On behalf of the Board of Trustees and the faculty and staff of Citrus College, I wish you much success as you pursue your educational journey.

Geraldine M. Perri, Ph.D.
Superintendent/President

Citrus Community College District Board of Trustees



Dr. Patricia A. Rasmussen
President
Glendora and portions of
San Dimas Representative



Mrs. Joanne Montgomery
Vice President
Monrovia/Bradbury and
portions of Duarte
Representative



Dr. Barbara R. Dickerson
Clerk/Secretary
Azusa and portions of
Duarte Representative



Dr. Edward C. Ortell
Member
Duarte and portions of
Azusa, Monrovia, Arcadia,
Covina and Irwindale
Representative



Mrs. Susan M. Keith
Member
Claremont and portions of
Pomona and La Verne
Representative



Ms. Fariyah Chowdhury
Student Representative

The Citrus Community College District Board of Trustees establishes policies, approves current and long-range educational plans and programs, and promotes the orderly growth and development of the college.

Residents of the district communities—Azusa, Claremont, Duarte, Glendora and Monrovia—elect a representative to serve on the board for a four-year term. The student trustee is elected annually in a general student body election and serves on the board in a non-voting capacity.

The Board of Trustees meets on the first and third Tuesdays of every month at 4:15 p.m. All meetings of the board are open to the public and meeting dates are announced in advance. A record of all board transactions is available to the public in the college library.

Institutional Memberships and Professional Certifications

Citrus College is proud of its memberships and certifications with some of the most credible and prestigious organizations in the country. These affiliations include, but are not limited to, the following:

American Association of Community Colleges

American Choral Directors Association

Associated Collegiate Press

Automotive Engine Rebuilders Association (AERA)

Automotive Service Councils, Foothill
Chapter #5(ASC)

Azusa Chamber of Commerce

Califa Library Group

California Association of Postsecondary Educators
of the Disabled

California Community College Coaches Association

Baseball

Cross Country & Track

Fastpitch (Softball)

Football

Ladies Golf

Men's Basketball

Men's Golf

Men's Soccer

Men's Water Polo

Swimming and Diving

Women's Basketball

Women's Soccer

Women's Volleyball

Water Polo

Claremont Chamber of Commerce

Community College Public Relations Organization
(CCPRO)

Duarte Chamber of Commerce



Louis E. Zellers Center for Innovation

Glendora Chamber of Commerce

Foundation for California Community Colleges

Honors Transfer Council of California

Irwindale Chamber of Commerce

Monrovia Chamber of Commerce

National League for Nursing

San Gabriel/Foothill Association of Community
Colleges (SanFACC)

Society of Professional Audio Recording Services

Specialty Equipment Market Association (SEMA)

Western States Conference

2014-2015 Academic Calendar

Please refer to the Schedule of Classes for registration deadlines

Fall Semester 2014

August 22-December 13

- August 22 Convocation
- August 23 & 25** **Instruction Begins**
- Aug. 30 & Sept. 1 Labor Day Holiday
- November 8 & 10 Veterans Day Holiday
- November 27-29 Thanksgiving Holiday
- December 8-13 Final Exams
- December 15- January 2 Winter Break

Winter Session 2015

January 5-February 12

- January 5** **Instruction Begins**
- January 19 Dr. Martin Luther King Jr. Holiday
- February 12 Instruction Ends

Spring Semester 2015

February 16-June 13

- February 13, 14 & 16 Presidents' Day Holiday
- February 17 Staff Development Activities—No Classes
- February 18** **Instruction Begins**
- April 13-18 Spring Break
- May 23 & 25 Memorial Day Holiday
- June 6-12 Final Exams
- June 13 Commencement

Summer Session 2015

June 22-August 13

- June 22** **Instruction Begins**
- July 3 Independence Day Holiday

Although many six week classes will end Thursday, July 30, eight week classes end Thursday, August 13.

2014

August

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

September

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | | | | |

October

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

November

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | | | | | | |

December

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

2015

January

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

February

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| | | | | | | |

March

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

April

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | | |

May

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

June

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | | | | |

July

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

August

| S | M | T | W | Th | F | S |
|----|----|----|----|----|----|----|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

Who Are We?

History, Mission and Community

Overview and History

Citrus College is located in Glendora, California, near the foothills of the San Gabriel Mountains, and approximately 25 miles northeast of metropolitan Los Angeles. The college has the distinction of being the oldest community college in Los Angeles County and the fifth oldest in California.

This public community college serves more than 200,000 residents and the students of the Azusa, Claremont, Duarte, Glendora and Monrovia school districts.

Citrus College was founded in 1915 under the leadership of Dr. Floyd S. Hayden, who helped bring the community college movement to California. From 1915 to 1961, the college was operated by the Citrus Union High School District. In July 1961, the Citrus Community College District was created to include the Azusa and Glendora unified school districts. In 1967, the district expanded to include the Claremont, Duarte and Monrovia school districts.

Today, Citrus College occupies a 104-acre campus. Since 2004, the college has been undergoing a major facilities expansion project that is changing the look of the campus and providing facilities that will enhance learning.

The college enrolled 27 students in 1915 and currently serves over 12,000 students.

Accreditation and Affiliations

Citrus College is accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC) of the Western Association



Citrus Junior College picnic, 1915

of Schools and Colleges (WASC), 10 Commercial Boulevard, Suite 204, Novato, CA 94949, (415) 506-0234.

ACCJC is an institutional accrediting body recognized by the Council for Higher Education and the U.S. Department of Education. Citrus College's professional memberships include the American Association of Community Colleges (AACCC) and the Community College League of California (CCLC). Citrus College is also a G.I. Jobs magazine "Military Friendly School."

Mission Statement

Citrus College delivers high quality instruction to students both within and beyond traditional geographic boundaries. We are dedicated to fostering a diverse educational community and learning environment by providing an open and welcoming culture that supports successful completion of transfer,

career/technical education, and basic skills development.

We demonstrate our commitment to academic excellence and student success by continuously assessing student learning and institutional effectiveness.

Mission Objectives

Citrus College is a safe, friendly, accessible environment where all students and community members may optimize their academic, career, and cultural development. As Citrus College continues to advance as a dynamic center for life-long learning, we will:

- provide general, lower division coursework leading to an associate degree in the arts or the sciences;
- prepare students to transfer to four-year colleges and universities;

- offer technological services and support for students, faculty, and staff;
- deliver programs to improve basic math, reading, communication, and ESL skills;
- grant opportunities for students to develop a global perspective through a curriculum with international and multicultural applications;
- furnish support services for the intellectual and personal development of all Citrus College students, including opportunities to participate in campus governance;
- foster a comprehensive and enriching program of extracurricular activities;
- conduct community education programs that encourage learning at every stage of life; award occupational certificates and degrees for career preparation and advancement;
- administer customized training programs for business and industry;
- increase career development support for students, faculty, and staff through career exploration, counseling, job preparation, job opportunities, and academic and classified staff development;
- collaborate with local high schools in articulation and curriculum development;
- advance cultural and personal enrichment programs for the college and community members, and promote inter-collegiate competition opportunities for students.

Vision Statement

Citrus College will provide excellent educational opportunities that are responsive to the needs of the community and help students meet economic, social, and environmental challenges to become active participants in shaping the world of the future.

Values

1. Student Focus

Meeting community and student needs by creating an educational environment and culture so students can attain a variety of goals.

2. Excellence

Maintain a high standard of integrity and performance leading to the achievement of academic and professional goals.

3. Collaboration

Seeking input from all sectors of the college and the community.

4. Diversity

Fostering a learning community in which the values, goals, and learning styles of all students are recognized and supported.

5. Life-Long Learning

Serving enthusiastic, independent thinkers and learners striving for personal growth.

6. Integrity

Behaving ethically in all interactions at all levels.

7. Technological Advancement

Keeping pace with global technology trends and enhancing traditional instruction with technology to prepare students for success in the work place.



Citrus College Foundation 2013 scholarship recipients

Foundation and Alumni

The Citrus College Foundation is a 501(c)(3) nonprofit corporation founded in 1966 and revitalized in 1982. It is governed by a volunteer board of directors.

In 2013, the Foundation awarded 100 scholarships and grants valued at over \$125,000. This assistance enabled Citrus College students to accomplish their educational goals.

The Citrus Alumni and Friends Association advances the general interest of Citrus College alumni, promotes goodwill in the community, raises funds for scholarships, helps Citrus Union High School and Citrus College alumni plan reunions, and assists with special projects that benefit Citrus College students. Every year during the month of May the college observes Alumni Month, and members of the Alumni and Friends Association select and announce the recipients of the Distinguished Alumni Award.

Citrus College: A College of Completion

In 2012, the Citrus College community adopted the national community college completion agenda established by the American Association of Community Colleges, the Phi Theta Kappa Honor Society and the White House. The initiative is designed to encourage and support students as they strive to complete their education, transfer to four-year colleges and universities, and pursue the careers of their choice.

Faculty and Staff Call to Action In Support of Students

We believe the student success and completion agenda is the future of Citrus College.

We believe that completion matters and every student counts.

We believe in every student's potential and responsibility to succeed.

We believe the "open door" must not be a "revolving door."

We believe that community colleges are the gateways to the middle class and beyond.

We believe that community colleges are an invaluable economic engine driving the nation toward prosperity.

We believe that talented people working at Citrus College are ready to take on leadership roles.

We believe in changing institutional culture, from emphasis on access only to emphasis on access and success.

We commit to courageous conversations about diversity, equity, and evidence reflecting student success and institutional performance.

We commit to eliminating the attainment gaps that separate student groups.

We commit to acting on facts to make positive changes.

We commit to promoting faculty and staff development focused on evidence based educational practice.

We commit to providing development opportunities, for college administrators, trustees, faculty, staff, and students.

We ask every trustee, employee, and student organization to identify ways to help students understand the added value of degrees and certifications.

We ask every student to help one other student succeed.

We ask community members to work with us.

We ask elected officials to create the policy conditions that enable, support, and reward our work to strengthen student success.

We ask other community colleges to join us by signing this call to action.

Student Pledge: Commitment to Completion

We believe every student has the potential and responsibility to succeed.

We believe completion matters and every student counts.

We believe in an institutional culture that emphasizes student success.

We believe community college allows individuals to grow as far as their talents will allow.

We commit to reaching out to students in need by encouraging, nurturing, and guiding them toward college completion.

We commit to serving as role models by attending classes, being prepared, and participating in and engaging in discussions with professors and students inside and outside of class.

We commit to discussing career-planning with professors and staff to ensure timely completion.

We commit to learning about and using college support services.

We ask and trust every trustee, employee, and student organization to help the student body understand the great value of obtaining degrees and certifications.

We ask and trust our college to encourage the faculty and staff to create meaningful ways of supporting students in scholarly endeavors, social engagement, and career planning efforts.

We ask and trust the community as a whole to work with us towards our pursuit of college completion.

Citrus College Directory

Office of the Superintendent/President

(All telephone numbers are area code 626)

Superintendent/President

Executive Assistant
Administrative Assistant
Supervisor

Dr. Geraldine M. Perri

Christine Link, 914-8821
Patricia Robidoux, 914-8821
Tedd Goldstein, 914-8821

Administrative Divisions

Finance and Administrative Services

Vice President

Administrative Assistant
Environmental Health & Safety Programs Supervisor
Facilities and Construction Director
Fiscal Services Director
Golf Driving Range Supervisor
Mailroom Coordinator
Purchasing/Warehouse Director
Reprographics Supervisor
Risk Management Supervisor

Claudette Dain

Judy Rojas, 914-8890
Jeff Eichler, 914-8704
Fred Diamond, 914-8691
Rosalinda Buchwald, 914-8897
Lauri Stoner, 914-8835
Dawn Dineley, 857-4116
Robert Iverson, 914-8888
Thomas Reynolds, 914-8740
Eric Guzman, 914-8889

Development

Foundation Director

Administrative Assistant

Christina M. Garcia

Clarence Cernal, 914-8825

Human Resources

Director

Administrative Assistant
Human Resources/Staff Diversity Manager

Dr. Robert Sammis

Sandra Coon, 914-8552
Brenda Fink, 914-8830

Institutional Research

Director

Administrative Secretary
Research Analyst

Dr. Lan Hao

Linda Swan, 852-8002
Yueyhi Huang, 852-6408

Technology and Computer Services, External and Government Relations

Chief Information Services Officer

Administrative Secretary
Communications Director
Network Central Computing & Telecommunications
Systems Supervisor
Protocol and Government Relations Officer
Technology Operations & Support Services Supervisor

Linda Welz

Millie Franco, 914-8810
Paula Green, 914-8873

Leigh Buchwald, 914-8810
Marilyn Grinsdale, 914-8824
Glenna Johnson, 914-8812

Academic Affairs

(All telephone numbers are area code 626)

Interim Vice President

Administrative Assistants

Administrative Secretary

Dr. Arvid Spor

Jerry Capwell, 914-8881

Jaclyn Vazquez, 914-8882

Kathleen Bueno, 914-8858

Curriculum, Career/Technical and Continuing Education Programs

Architecture, Automotive Technology (Automobile/Light Truck, and Medium/Heavy Truck), Career/Technical Education Programs, CTE Transitions, Community Education, Computer Information Systems, Computer Science, Contract Education, Cosmetology, Curriculum, Drafting and Design Technology, Esthetician, Information Technology, Noncredit Instruction (English as a Second Language; Heating, Ventilation and Air Conditioning; Basic Skills), Office Technology and Computer Applications, Public Works, Water Technology

Dean

Administrative Secretary

Career Technical Programs Supervisor

Continuing Education Supervisor

Cosmetology Program Coordinator

Dr. James Lancaster

Lois Bottari, 852-6402

Marti De Young, 914-8702

Debbie Vanschoelandt, 852-8022

Albert Graciano, 914-8713

Fine and Performing Arts, Haugh Performing Arts Center

Fine Arts: Art (Art History, Ceramics, Drawing, Painting, 2-D and 3-D Design, Digital Media, Photography)

Performing Arts: Music (Commercial, Education, Performance), Dance, Theatre, Recording Arts, Haugh

Performing Arts Center

Dean

Administrative Secretary

Fine and Performing Arts Programs

Haugh Performing Arts Center Interim Director

Robert Slack

Autumn Leal, 914-8580

Ann Heming, supervisor, 914-8579

John Vaughn, 852-8004

Kinesiology/Health/Athletics

Intercollegiate Athletics, Kinesiology, Aquatics Center, Fitness Center

Dean

Administrative Secretary

Assistant Athletics Director

Assistant Athletics Director

Jody Wise

Isabel Bellman, 914-8650

Mary Brawner, 914-8686

Cliff Wurst, 914-8845

Language Arts and Enrollment Management

Communications, Clarion student newspaper, English, English as a Second Language, Enrollment Management, Foreign Languages (Chinese, German, Japanese, Spanish), Honors, Learning Center (Assessment/Testing, Tutoring Center, ESL Lab, Writing Café, College Success Center), Reading, Speech Communications

Dean

Administrative Secretary

Honors Program Coordinator

Honors Program Counselor

Learning Center Supervisor

Dr. Samuel Lee

Cathy Day, 914-8856

Brian Waddington, 857-4039

Stephanie Yee, 914-8638

Gerald Helm, 857-4035

Mathematics, Business and Health Sciences

Accounting, Business, College Success Program (Basic Skills), Computer Science, Learning Communities, Mathematics, Real Estate, Teacher Preparation, Dental Assisting, Emergency Medical Technician (EMT), Licensed Vocational Nursing (LVN), Nurse Assistant (NA), Registered Nursing (RN)

Dean

Administrative Secretary
 Administrative Secretary
 Bridges to Success Grant Director
 College Success Program Coordinator
 STEM Grants Director

James McClain

Cynthia Audelo, 914-8792
 Diana Gill, 914-8577
 Becky Rudd, 857-4056
 Suzanne Martinez, 857-4191
 Dr. Marianne Smith, 914-8701

Health Sciences Director

Administrative Secretary
 Administrative Secretary
 Dental Assisting Coordinator
 Health Occupations (EMT) Coordinator
 Nursing (ADN) Coordinator
 Nursing (CNA) Coordinator
 Nursing (LVN) Coordinator

Dr. Maureen Renaghan

Cheryl Hall, 914-8791
 Julie Tunno, 914-8720
 Claudia Pohl, 914-8728
 Dr. Cliff Hadsell, 914-8755
 Salima Allahbachayo, 914-8791
 Deborah Bowman, 914-8791
 Gail Tucker, 914-8720

Natural and Physical Sciences and Library Services

Astronomy, Biology, Chemistry, Earth Science, Wildland Resources and Forestry, Natural History, Physics, Faculty and Staff Development

Dean

Administrative Secretary
 Administrative Secretary

Dr. Eric Rabitoy

Chris Pagano, 914-8789
 Caroline Locke, 914-8874

Library and Audio Visual

Audiovisual Technician
 Public Services Librarian/Bibliographic
 Instruction
 Technical Services/Systems Librarian

Tina Gutierrez, 914-8576
 Sarah Bosler, 914-8642

Lanette Granger, 857-4061

Social and Behavioral Sciences

Administration of Justice, Anthropology, Child Development, Distance Education, Economics, Ethnic Studies, Geography, History, Humanities, Leadership (Student Government), Philosophy, Political Science, Psychology, Sociology, Study Abroad Program

Dean

Administrative Secretary
 Foster/Kinship Care Education & Resources
 Coordinator
 Study Abroad Specialist
 Distance Education Faculty Coordinator
 Distance Education Supervisor

Dr. Dana Hester

Gayle Allen, 914-8860

Lillian Sass, 857-4088
 Lynn Jamison, 914-8560
 Dr. Beverly Van Citters, 857-4124
 Lari Kirby, 914-8569

Student Services Division

(All telephone numbers are area code 626)

Vice President

Administrative Assistant

Dr. Arvid Spor

Tonya Ryan, 914-8532

Admissions and Records

Admissions, Records, Financial Aid

Dean

Administrative Secretary

Registrar

Financial Aid Director

Dr. Gerald Sequeira

Jamie Richmond, 914-8519

Kristina Spalding, 914-8597

Carol Thomas, 914-8591

Counseling Programs and Services

Articulation, Center for Teacher Excellence, Counseling/Advisement Center, EOP&S/CARE, CalWORKs, DSP&S, Matriculation (credit and noncredit), Transfer Center

Dean

Administrative Secretary

Articulation Officer

Athletics Counselor

Career/Technical Education Counselor

Center for Teacher Excellence Counselor

Counseling and Advisement Center Faculty Lead

College Success Counselor

DSP&S Coordinator

Early Alert Counselor

EOP&S/CARE, CalWORKs Director

Honors Counselor

International Student Center Supervisor

Nursing Program Counselor

SSSP Counselor

STEM Counselor

STEM Counselor

STEM Counselor

STEM Counselor

Transfer Center Coordinator

Veterans Counselor

Dr. Lucinda Over

Cynthia Patino, 914-8541

Michelle Plug, 914-8637

Alicia Longyear, 914-8662

Claudia Castillo, 914-8537

Rafael Herrera, 857-4078

Claudia Castillo, 914-8537

Dan Weber, 914-8530

Jennifer McLeod, 914-8677

Robin McBurney, 914-8542

Sara Gonzales-Tapia, 914-8556

Stephanie Yee, 914-8638

Coe Lamoureux, 914-8548

Citlally Santana, 852-6413

Kristie Shimokawa, 852-8021

Debbie Boudreau, 914-8716

Becky Iott, 852-6461

Leo Pastrana, 852-6461

Raul Rodriguez, 852-6461

Raul Sanchez, 857-4064

Laura Villegas, 852-6421

Student Affairs

Bookstore, Campus Safety, Food Services, School Relations and Outreach, Student Conduct, Student Life and Leadership Development, Student Health Center, Veterans Success Center

Dean

Administrative Secretary

Bookstore Supervisor

Campus Safety Supervisor

Food Services Supervisor

School Relations/Outreach Coordinator

Student Life and Leadership Development Supervisor

Student Health Center, College Nurse

Veterans Success Center Director

Dr. Martha McDonald

Teri Shamhart, 914-8601

Eric Magallon, 914-8624

Benjamin Macias, 914-8611

Philomena O'Shea, 914-8615

Ivon McCraven, 857-4162

Adrienne Thompson, 914-8603

Shauna Bigby, 914-8671

Monica Christianson, 852-6457

How Do I Get Started? Admission and Registration

Admission

Citrus College is an open access institution, offering admission to high school graduates, persons who possess a high school diploma, GED, certificate of proficiency, or the equivalent. Special provisions for high school students are addressed in this section.

A person 18 years of age or older who has not received a high school diploma may be admitted to Citrus College to take general education courses or to enroll in specialized vocational programs. The student also may prepare for transfer to a four-year institution without a high school diploma.

Concurrent High School Student to First-Time Freshman

If you are a graduating high school senior concurrently enrolled at Citrus College and plan to attend a subsequent term you will need to submit a new application as a first-time student.

International Student Admission

The Citrus College International Student Office admits international students holding or attempting to obtain an F-1 Student Visa upon approval of their applications. These students are required to pay international student tuition.

In order to qualify for admission, an international student must do the following:

1. Submit a Citrus College application for admission
2. Complete the international student application and pay a fee

3. Submit confidential financial support documents
4. Obtain a passing score of the TOEFL examination: 450 (paper based), 133 (computer based), or 45 (Internet based)
5. Provide transcripts from high school and/or college
6. Provide proof of Tuberculosis (TB) test

The following items are required for current F-1 Visa students transferring to Citrus College:

1. Copy of I-20
2. Copy of I-94
3. Transfer Form
4. Visa
5. Passport
6. College transcripts

The TOEFL, admissions application, and all supporting materials must be received on or before the published application deadlines for the intended semester. Students are required to take the Accuplacer ESL exam when they arrive at the college.

High School Students Classes for High School Students

Citrus College offers selected programs and classes for high school students who are in the 11th and 12th grades. These students must be enrolled concurrently at their high schools and at Citrus College. They are required to complete and submit an application and a **High School Registration Authorization Form**. This form, which requires signatures from a parent and from a counselor or principal, is available online at www.citruscollege.edu/ar.

High school students that do not meet the grade level requirement can appeal. The appeal form can be found online at www.citruscollege.edu/ar.

Citrus College summer school classes are offered at Azusa, Claremont, Duarte and Monrovia high schools through the Noncredit Program. For more information, contact the counseling office at these high schools.

Early Decision Program

The Early Decision Program enables seniors from Azusa, Claremont, Duarte, Gladstone, Glendora and Monrovia high schools, who have submitted a Citrus College application, to visit the campus, take the assessment test and meet with a counselor during the second semester of their senior year.

Seniors who attend other high schools and who are interested in the Early Decision process are encouraged to call the School Relations and Outreach Office at 626-857-4162.

How to Apply

The process of applying to Citrus College begins when prospective students submit an application online through our website, at <https://wingspan.citruscollege.edu>. There is no charge to submit an application and an application can be submitted at any time. Computers allowing access to the college Web site are also available in the lobby of the Student Services Building, as well as other areas on campus.

Once an application is completed and submitted, the new student will receive a "Welcome to Citrus College," e-mail which will include a student user ID and Personal Identification Number (PIN). The student will need the ID and PIN to register for classes, pay fees, and officially enroll at Citrus College.

First-Time Freshmen Under 18 Years Old

Proof of graduation is required for students who will not be 18 years of age by the first day of instruction at Citrus College. A verification of graduation must be submitted to the Admissions and Records Office.

Acceptable documents of verification include a high school diploma, GED, Certificate of California Proficiency, a Target Letter submitted on school letterhead stating that you have fulfilled your graduation requirements, or a sealed high school transcript with your graduation date posted.

Residency Requirements

As a public community college, Citrus College is required by law to verify each applicant's residence in accordance with Title 5 and the California Education Code. Residence status is determined as of the day before each term begins and establishes the fees and tuition to be collected at the time of registration.

Residency Classification

Residency classifications shall be determined for each student at the time of application.

California Residents

California residents attend Citrus College tuition free and pay enrollment and other fees.

Nonresidents

Students who do not meet the California residence requirements will be charged nonresident tuition, plus enrollment and other fees. For more information, visit www.citruscollege.edu/ar.

California Nonresident Tuition Exemption (AB 540)

Any student, other than a nonimmigrant alien, who meets all of the following requirements, shall be exempt from paying nonresident tuition.

- The student must have attended a high school (public or private) in California for three or more years.
- The student must have graduated from a California high school or attained the equivalent prior to the start of the term; for example, passing the GED, California High School Proficiency exam, or California High School Exit Exam.
- An alien student who is without lawful immigration status must file an affidavit with the college stating that he or she has filed an application to legalize his or her immigration status, or will file an application as soon as he or she is eligible to do so.

Students who hold non-immigrant visas; for example, Tourist (B-1, B-2), Foreign Student (F-1), NAFTA (TN & TD) and Exchange Student (J), are not eligible for this exemption.

Residency Reclassification

Students who enroll into classes pending notification of approval for the qualifying semester are responsible for the quoted tuition. Students, who are approved based on the submitted documents, will receive a refund of the nonresident tuition they have paid.

The burden of residency proof rests with the applicant. For more information visit www.citruscollege.edu/ar Reclassification to Resident Status must be initiated by the student. Evidence of physical presence and intent to reside in the state of California for at least one year and one day prior to the semester's start date must be submitted for a residency review. Students interested in changing their classification should contact the Admissions and Records Office.

For additional information on residency, visit www.citruscollege.edu/ar and read Administrative Procedures 5015.

Transcripts

Transcripts from Other Institutions

Official high school transcripts are required of new students who attended high school within the last three years. Official college transcripts are required of new students who were previously enrolled in a college or university.

To ensure a smooth registration process it is recommended that transcripts are received and are on file prior to a student's registration appointment. This may expedite clearance to enroll in courses with prerequisites. Transcripts are also required for financial aid and veterans benefits consideration.

Transcripts from colleges accredited by a regional accrediting institution may be evaluated during a student's first semester of attendance at Citrus College.

Foreign transcripts must be evaluated by an approved transcript evaluation service.

Military service credits based on a DD-214 are posted after a veteran's first semester of attendance.

Citrus College Transcripts

Students who request their Citrus College transcript receive their first two transcripts free. Thereafter, the student will be charged \$3.00 per transcript. Please note: Electronic requests of transcripts are available through Transcripts Plus/Credentials Solutions for an additional handling fee. Please go to the Admissions Web page for more information.

Students may access a copy of their unofficial transcripts through WingSpan.

Class Schedules

Citrus College publishes a Schedule of Classes each semester and session. These class schedules list the intended credit course offerings and teaching assignments. All class schedules are available online. www.citruscollege.edu/schedule

Fee Based and Noncredit, Continuing Education schedules are published separately.

Registration

Registration is conducted prior to every semester and session. In addition to class selection, all fees must be paid during registration. Dates, deadlines, policies, and guidelines for registration are listed in the class schedule published for a specific semester or session.

Registration Limits

A student will not be able to add a course if he or she:

- Has a fee hold, admission hold, or another type of hold;
- Is on academic or progress dismissal;
- Is subject to expulsion or suspension;
- Registers for a class that places him or her on overload, and the student has not been approved for an overload;

- Has scheduled a class, and the class time overlaps with another class he or she is enrolled in;
- Has failed to clear the prerequisites(s) for the course or the enrollment exceeds the number of repetitions allowed;
- Previously enrolled in the course and the enrollment exceeds the number of repetitions allowed.

Enrollment Priority

The California Community Colleges Board of Governors has established system-wide enrollment priorities designed to ensure that classes are available for students seeking job training, degree attainment, or transfer. These priorities reward students who make progress toward their educational goals.

New students need to complete assessment, orientation and a student educational plan to receive an earlier (higher) registration priority. Students are also strongly encouraged to identify a program of study. It is very important to work hard in classes and get good grades to maintain priority registration status.

Continuing students and returning students must maintain good academic standing and earn a 2.0 grade point average. Enroll only in courses that can be completed and select courses carefully. Degree applicable units do not include basic skills courses. In some circumstances, students may be temporarily exempted from receiving a lower registration priority. See a counselor if you will be over 75 degree-applicable units. Students must complete at least 50% of their courses each semester and exceed 100 degree applicable units to prevent receiving a lower priority registration.

For additional information on enrollment priority, please see Administrative Policy 5055.

Dropping Classes Online

Students are able to drop classes using WingSpan. Drop/Refund deadlines apply. Students wishing to receive a refund for a class, must drop the class online by the refund deadline. Please visit the important dates section of the Admissions and Records web page for deadline dates. To receive refunds for a paid parking pass and/or paid student service sticker, the student must return those items to the cashier by the refund deadline(s) for his/her classes.

Paying for Classes

WingSpan allows Citrus College students two options to pay their fees quickly and easily.

- Choose to pay online by credit card: VISA, MasterCard, Discover or American Express.
- Pay in person with cash or check

Student Classifications

A Citrus College student who has earned fewer than 30 units is classified as a freshman, and a student with more than 30 units is a sophomore. Other student classification categories are:

Full time:

Enrolled in 12 or more units

Part time:

Enrolled in fewer than 12 units

Three-quarter time:

Enrolled in 9 but fewer than 12 units

Half time:

Enrolled in 6 but fewer than 9 units

New Student

You are a new student if you have never enrolled in a credit class at Citrus College.

Continuing Student

You are a continuing student if you enrolled in any of the preceding four sessions. K-12 students do not receive continuing student status for purposes of priority registration.

Returning Student

You are a returning student if you previously enrolled in a Citrus College credit class but have not enrolled for two or more semesters.

Unit Limitations

There is no minimum, but the maximum number of units a student may enroll in a semester is 21 units (fall and spring). The maximum number of units a student may enroll in for summer and winter session is 13 units. High school students are limited to 11 units in a semester and 2.5 units in a session.

A student wishing to take more than the maximum units may file a petition through the Counseling Department.

WingSpan

WingSpan is Citrus College's one-stop resource for information and the primary method of registration. It provides online access for students to:

- Apply for admission
- Check application status
- View appointments for registration
- Check registration status
- Register for classes
- Add/drop classes
- Print individual student schedules
- Pay fees by credit or debit card
- Print enrollment verifications

WingSpan features include access to grades and unofficial transcripts. Visit the college website <https://wingspan.citruscollege.edu> and download the student guidelines handbook for more information.

Waitlist

During registration, once a class has reached its enrollment capacity, the status of that class will change from Open to Closed. When a class closes, a waitlist may open, allowing students the option to place themselves on the list.

The waitlist has a **limit of 20 spots**, with the exception of classes that need special approvals, such as cosmetology, nursing or music. Check with the department for information.

Once a class has reached its enrollment capacity, the status of that class will change from Open to Closed. When a class closes, a waitlist may open, allowing students the option to place themselves on the waitlist. The waitlist has a limit of 20 spots. The first student on the waitlist will be the first to have the opportunity to register and so on.

Students on the waitlist will be contacted via their Citrus College student e-mail address if a seat opens. Once notified via the Citrus College email, students will have 24 hours to register for the class through WingSpan. Students that miss the 24-hour window to register will be removed from the waitlist. The waitlist stops two days prior to the first class meeting.

From the first class meeting forward, students will need an add code from the instructor to register for the class. Add codes will be issued by the instructors at their discretion. Instructors may use the waitlist order to issue add codes.

Add Codes

An add code may be provided by an instructor to students who were unable to enroll in the class.

Add codes will be available from the instructor at the first class meeting. When an add code is provided by the instructor, you will be allowed to add that class during Late Registration, the period beginning with the first day of class and ending the last day to add that class. All classes have a "Last Day to Add" date and the add codes will be effective through that "Last Day." Deadline dates vary by section, please review the Add/Drop/Refund deadline dates on the Admissions and Records web page.

The instructor has the discretion to issue add codes when he or she has space available in the class. Once you have the code, you may enter it into WingSpan when asked to provide the code upon registering online. You will also update your payment at the same time, online. You may use the code only one time. Only one person may use the code. Once you have used the add code, the code becomes invalid.

Misuse of Add Codes

Students who receive Authorization Codes (Add Codes) from a faculty member or another Citrus College official are the only students authorized to use these codes.

Students may not sell or give Add Codes to another student. The misuse of Add Codes is considered a student conduct violation.

Students who misuse Add Codes will be dropped from the course and will be subject to student discipline proceedings as outlined

in Administrative Procedure 5520 of the Citrus Community College District Board of Trustees.

Enrollment Verification

Citrus College has authorized the National Student Clearinghouse to act as its agent for verification of student enrollment status. An official Enrollment Verification Certificate may be obtained through WingSpan.

This certificate may be presented to parties such as health insurance agencies, housing authorities, consumer-product companies, and banks when asked to provide official evidence of enrollment at Citrus College.

Distance Education (Online Classes)

Distance Education classes utilize computer technology to deliver instruction to students. These classes have the same content and meet the same requirements as traditional classes, but provide a more flexible way for students to take courses. Many of these online classes require orientations and testing on campus.

Students who do well in online courses are typically self-motivated, organized, and proactive about their education. Some knowledge of how to use a computer is helpful. In addition, online classes rely heavily on the exchange of information through reading and writing, so proficiency in these skills is important.

For a complete list of available classes, or for more information, visit the Distance Education Web site at www.citruscollege.edu/de or call the Distance Education office at 626-914-8831.

2014-2015 Fees and Expenses

The enrollment fee is set by the California State Legislature.

| | |
|------------------------|----------------|
| Enrollment Fee: | \$46 per unit |
| International | |
| Student Tuition* | \$207 per unit |
| Nonresident Tuition* | \$207 per unit |

Campus Service Fees

| | |
|---------------------|------|
| Health Service Fee | |
| Fall & Spring | \$19 |
| BOGW Students | \$14 |
| Winter & Summer | \$16 |
| BOGW Students | \$11 |
| Parking Fee | |
| Fall & Spring | \$51 |
| Winter & Summer | \$26 |
| Student | |
| Representation Fee | \$1 |
| Student Service Fee | |
| Fall & Spring | \$15 |
| Winter & Summer | \$10 |

*Nonresident and international students are required to pay tuition and enrollment fees.

Health Service Fee

The Health Services Fee is mandatory for both full-time and part-time students. The following students are exempt from payment of the fee:

- Students who depend exclusively upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination, or organization. To receive an exemption, these students must present valid documentation of his or her membership in such a religion to the office of the vice president of student services.
- Students who are attending Citrus College under an approved apprenticeship training program.

Student Service Fee

The Student Service Fee is a voluntary fee that supports campus activities such as athletics, clubs, cultural events, campus improvements, and other special programs and services that directly benefit students and campus life.

Students receive an ASCC sticker upon receipt of all payments. Stickers may be picked up at the Bursar's Office or the Student Business Office. The accompanying flier lists the many benefits, services and discounts available to students who have paid the service fee and received a sticker. Because of the broad range of programs and services provided, all students are requested to pay the Student Service Fee.

Students may waive this fee prior to payment of classes by obtaining a waiver form from the Office of Student Life, located in the Campus Center. Proof of registration is required. Students who waive the fee will become ineligible for the benefits associated with this fee, but not for any other student services.

Student Representation Fee

The Student Representation Fee is a \$1 mandatory fee to be used solely for advocacy purposes on behalf of students. A student may refuse to pay for political, religious, financial or moral reasons. Students desiring to waive this fee must submit a written statement justifying their refusal to pay.

This waiver will be subject to approval by the Dean of Students' office.

Instructional Materials Fee

A student may be charged this fee for instructional or other

materials required for specific classes. These materials may include but are not limited to, textbooks, tools, equipment and clothing.

Fee Refund Policy

Refund of parking, enrollment, non-resident tuition, health and/or student service fees shall be made to eligible students who file a refund request by the college's established deadlines.

In the case of an active or reserve military service member who receives orders compelling them to withdraw from Citrus College, a full refund shall be made upon verification of his or her orders.

It is the student's responsibility to return their parking permit before the refund deadline in order to receive a refund for parking.

Parking permits must be returned upon official withdrawal from the college and if a student changes from an on-campus schedule to a Distance Education schedule. Cash refunds will not be issued. Credit will be immediately issued to credit card payments. However, the student and cardholder must be present, with the credit card and the credit card receipt, at the time of the refund request. Otherwise, a refund request form must be submitted. Fee payments made with cash, check or debit card will receive a refund by check. This check will be mailed to the address on file with the Admissions and Records Office. Therefore, it is important the address on file is current and correct.



The Financial Aid Office, located on the first floor of the Student Services Building, assists students with grants, scholarships, work study and student loans.

Student Financial Obligations

All fees must be paid prior to the rollout date to avoid being dropped from classes, including waitlisted classes. Fee payment schedules are included in the class schedules and online.

Citrus College will withhold grades, transcripts, degrees, registration privileges, or any combination thereof, from any student or former student who has failed to pay any financial obligation due the college. Holds on a student's record will be released when the debt obligation has been met. Debts must be paid in the form of cash or money order: a bank service charge or chargeback fee may apply.

Cancelled Classes

Classes may be cancelled at the discretion of the college. Students enrolled in a cancelled class may enroll in other open classes.

Students who have a class or classes cancelled by the college because of low enrollment are eligible for a full refund of fees paid for those classes. The student must file a refund request at the Cashier's (Bursar's) Office. All applicable receipts, cards and permits must be attached to the request form.

How Do I Adjust to Campus Life? Student Success and Support Program

Assessment, Orientation and Counseling Ensure Completion Success

Student Success and Support Program

What is the Student Success and Support Program?

The objective of the Student Success and Support Program (SSSP), also known as Matriculation, is to provide support to students while completing their educational goals.

Matriculation

Matriculation is defined by the Seymour-Campbell Student Success Act of 2012 as "a process that brings a college and a student into an agreement for the purpose of achieving the student's educational goals and completing the student's course of study." The agreement involves the responsibilities of the college and the student. The Student Success and Support Program includes services to optimize students' opportunities to foster academic success.

The college's responsibility is to provide:

- Assessment before course registration
- Orientation services about the college's programs and services
- Counseling and other education planning services, including student educational plans (SEP)
- Evaluate the academic progress of and provide support services to at risk students to include referrals to appropriate interventions

The student's responsibility is to:

- Identify an education and career goal

- Attend class and complete assigned coursework
- Complete courses and maintain progress toward an educational goal and course of study identified in the SEP
- Nonexempt first time students are strongly encouraged to (required beginning fall 2015):
 - Take the English and math assessments to determine appropriate course placement
 - Complete an orientation activity provided by the college (Required)
 - Participate in counseling services and complete an abbreviated SEP (first semester plan) before first term of class
 - Complete a comprehensive SEP (multi-semester plan) after completing 15 degree applicable units or prior to the end of the 3rd semester

SSSP Exemption Criteria from Matriculation Activities

A student may be exempted from matriculation activities including orientation, assessment, counseling or advisement based on one or more of the following:

1. Completion of an associate degree or higher from a regionally accredited college.
2. Enrollment at the college solely to take a course that is legally mandated for employment as defined in Title 5 section 55000 or necessary in response to a significant change in industry or licensure standards.

3. Enrollment at the college as a special admit student pursuant to Education Code section 76001.

An exemption form can be processed in the Counseling and Advisement Center. Documentation is required to verify the exemption criteria.

Assessment, Orientation, and Counseling/Advisement

The assessment, orientation, and counseling/advisement process offered through the Student Success and Support Program provides students with the finest academic advisement and counseling possible. Students who participate in these services will be more prepared when transitioning to college life and completing their course of study.

Students can also earn an earlier registration date by completing assessment, orientation and a student educational plan by specific deadline dates.

What is Assessment?

The assessment process at Citrus College provides information regarding language, mathematics skills, and other activities necessary for a successful college experience. Student-reported information is also used, along with available official high school and/or college transcripts. Other factors that are used in assessing college readiness may include evaluation of study skills, student goals and career aspirations, and the results of the placement exam.

Assessment information assists the counselor in outlining a useful and clear educational program for the student's long-range educational plans and the eventual attainment of a chosen career.

The assessment schedule can be accessed at <http://www.citruscollege.edu/lc/testing/pages/AssessmentPlacementTesting.aspx>

Students who have a disability that requires testing accommodations are advised to make arrangements through the DSP&S Office, (626) 914-8675. Deaf Services are available 24 hours, (626) 914-8674 TDD.

Review of Placement

Students who feel their placement does not reflect their abilities may request a Review of Placement with a counselor.

Students may appeal their English and/or math placement if they can demonstrate proof of course equivalency or competency. Students should be prepared to present documentation such as official high school or college transcripts, or additional test results. After a student's information is reviewed by a counselor, placement may be adjusted or a retest may be recommended. The assessment test practice is as follows:

1. Students must wait a minimum of four weeks to retake the placement exam.
2. Placement exams may only be retaken once for each subject. With the exception of expired placement results (older than 2 years), additional retestings will not be permitted. It is important that students take the placement exam seriously, prepare adequately, and do their very best.

3. All placement results are valid for a period of 2 years. Students are strongly encouraged to enroll in math and English classes during their first term.

What is Required Orientation?

The orientation program is designed to introduce students to course of study programs, campus resources, student support services, and college success tips. Students will have the necessary tools to make a smooth transition to college life and complete their goals successfully.

Students who are new to Citrus College are urged to complete the assessment and **MUST** complete orientation. All future registration will be withheld from students who have applied to the college and did not complete the orientation requirement by their specific deadline date.

Students who believe they are exempt or those who want to read about procedures for challenging matriculation regulatory provisions can be referred to the matriculation section in the Citrus College catalog or Administrative Procedure 5050 Matriculation located on the Citrus College webpage under Administrative Procedures and Board Policies in the A-Z index.

Orientation Options

Orientation can be satisfied through any of the following options:

- In-person orientation (recommended for new students).
 - New student Assessment/Orientation session includes SEP beginning July 2014)
 - Early Decision Day at Citrus College (only available through high school districts)
- Online orientation at <http://orientation.citruscollege.edu>

Assessment and orientations are scheduled periodically throughout the year. For more information, please view the assessment/orientation schedule at <http://www.citruscollege.edu/lc/testing/Pages/AssessmentPlacementTesting.aspx>

Counseling/Advisement

The college counseling staff provides a variety of services including but not limited to, educational planning, career counseling, university transfer counseling, personal counseling (personal concerns and issues affecting students' academic progress), Disabled Student Programs and Services (DSP&S), Extended Opportunity Programs and Services (EOP&S), and financial assistance programs. The counselors assist in long-range planning and checking specific requirements so that students meet graduation requirements and course prerequisites, secure career/technical certificates and licenses, and fulfill requirements for transfer to other colleges or universities.

It is important for new students to have college success skills to make a smooth transition into college. The following counseling courses are strongly recommended for new students to take during their first semester at Citrus College:

- COUN 156, College Planning Today for Tomorrow
- COUN 159, On Course to Success
- COUN 160, Strategies for College Success

It is important for all students to have a Student Educational Plan (SEP) while attending Citrus College. Counselors assist students in developing an educational plan that reflects their goals. All first

time non-exempt students are encouraged to complete an abbreviated SEP to enhance their success in completing their course of study. Also, beginning with new fall 2014 students, completing assessment, orientation and an SEP by designated deadline dates will result in earlier registration. Abbreviated SEP services for nonexempt first time students will be available as follows:

- **Students with 15 units or less:** Non-exempt first-time students with 15 college units or less will be able to complete an abbreviated SEP during an in-person orientation or Course Planning Session. A listing of the schedule can be viewed at <http://citruscollege.edu/lc/testing/Pages/AssesmentPlacementTesting.aspx> and <http://citruscollege.edu/stdntsrv/counsel/Pages/default.aspx>
- **Students with 16 units or more:** Non-exempt first-time students will be directed to meet with a counselor during an individual appointment to create an SEP. Prior to the appointment, students must complete assessment, complete orientation, declare a course of study, and official college transcripts must be on file.

As students progress, the plan can be changed as frequently as their goals change. When these changes occur, the student should meet with a counselor to update his/her SEP.

Veterans planning to receive G.I. benefits are required to make an appointment with the Veterans Center prior to seeing a counselor.

Counseling Follow-up

Follow-up services are designed to evaluate and track the student's academic progress. Special services are provided to students on academic and/or progress probation, students in basic skills courses, and students who are undecided about their course of study. Counselors also give referrals to appropriate programs and services, both on and off campus.

Students on probation are required to complete an online probation workshop at <http://citruscollege.edu/stdntsrv/counsel/Pages/NewStudentMandatoryOrientation.aspx> well in advance of registration.

Registration is withheld until the workshop is completed.

Prerequisites, Co-Requisites and Recommendations

Citrus College students receive information about courses that require specific knowledge or skills needed to be successful in that course. This information is presented as a requisite statement under the title of the course. The definitions of these statements are:

- **Prerequisite** - A course that a student is required to complete in order to demonstrate current readiness for enrollment in a course or program. (Example: SPAN 101 must be completed before taking SPAN 102.)
- **Co-Requisite** - A course that a student is required to take at the same time with another course. (Example: DANC 263 must also be taken with DANC 265.)
- **Recommendation** - A skill or course that is strongly suggested before enrollment in a course, but is not required. (Example: ENGL 101 is strongly

recommended before HIST 108H.)

Verification of Prerequisites

Prior to registration, students are required to provide verification of how skill or course prerequisites have been satisfied. Students unable to verify how a prerequisite has been satisfied will not be allowed to enroll in those courses.

Official transcripts from other colleges may be used to verify course prerequisites. Skills prerequisites must be verified through the Citrus College assessment process or the assessment process from another college.

Challenging Prerequisites

Students may challenge a course prerequisite or co-requisite if they meet one of the following conditions:

1. Demonstrated knowledge or the ability to succeed in the course without the prerequisite, or
2. The possibility of undue delay in attaining the goals established in an educational plan because the prerequisite or co-requisite course has not been made reasonably available, or
3. Belief that the prerequisite is discriminatory or is being applied in a discriminatory manner, or
4. Belief that the prerequisite was established in violation of regulations and/or the established district-approved policy and procedures.

A Prerequisite Challenge Form can be obtained from the registrar in the Admissions and Records Office. The completed form must be presented to the registrar two weeks prior to the beginning of the semester in which it is to be considered.

Información en Español

Admisión

Citrus College es una institución de acceso abierto, que ofrece admisión a estudiantes que se gradúan de la preparatoria o a personas que cuentan con un diploma de 'high school', un certificado 'GED', o un certificado de constancia, o el equivalente. Reglas especiales para los estudiantes de preparatoria se encuentran en esta sección.

Una persona que tiene 18 años o es mayor de 18 años, y no cuenta con su diploma de 'high school' puede ser admitida a Citrus College para inscribirse en clases de educación general o para inscribirse en programas vocacionales de especialización. El estudiante también puede prepararse para transferirse a una institución de cuatro años de estudios sin contar con un diploma de 'high school'.

Estudiante Actual de Preparatoria a Estudiante de Primer Año

Si es un estudiante que se va a graduar de la preparatoria y que está inscrito de forma simultánea en Citrus College y planea continuar asistiendo por otro semestre, necesitará llenar una solicitud nueva como estudiante de primer año.

Admisión para Estudiantes Extranjeros

La Oficina para Estudiantes Extranjeros de Citrus College admite a estudiantes extranjeros que tengan una visa o estén en trámites para obtener una Visa de Estudiante F-1 una vez que sea aprobada su solicitud. Se requiere que estos estudiantes paguen cuotas de estudiantes extranjeros.

Para poder calificar para admisión,

un estudiante extranjero debe hacer lo siguiente:

1. Entregar una solicitud de admisión para Citrus College.
2. Completar la solicitud para estudiantes extranjeros y pagar la cuota.
3. Entregar documentación confidencial sobre sus finanzas.
4. Obtener una calificación de haber pasado el examen TOEFL: calificación de 450 puntos (si lo tomó por escrito), 133 puntos (si realizó el examen computarizado), ó 45 puntos (si lo hizo vía Internet)
5. Entregar archivos oficiales de la preparatoria y/o colegios.
6. Entregar comprobante de prueba de Tuberculosis (TB).

Se requieren los siguientes documentos de los estudiantes con Visa F-1 actual que se están transfiriendo a Citrus College:

1. Copia de la I-20
2. Copia de la I-94
3. Formulario de Transferencia
4. Visa
5. Pasaporte
6. Archivos de colegio

La prueba TOEFL, solicitud de admisión, y toda la documentación requerida deben de recibirse en el día o antes de la fecha límite publicada para el semestre deseado. Se requiere que los estudiantes tomen la prueba 'Accuplacer' ESL (Inglés como Segundo Idioma) al llegar al colegio.

Estudiantes de Preparatoria 'High School'

Clases para Estudiantes de 'High School'

Citrus College ofrece una selección de programas y clases para estudiantes de preparatoria que están cursando los grados 11 y 12.

Estos estudiantes deben de estar inscritos de forma simultánea en su preparatoria y en Citrus College. Se requiere que llenen una solicitud de admisión y el formulario '**High School Registration Authorization Form**'. Este formulario, que requiere la firma del padre y de un consejero o director de la escuela, está disponible en el sitio www.citruscollege.edu/ar.

Los estudiantes de preparatoria que no cumplen el requisito de grado pueden apelar. El formulario de apelación puede encontrarse en internet en www.citruscollege.edu/ar.

Citrus College ofrece clases de verano en las preparatorias Azusa, Claremont, Duarte y Monrovia a través del Programa de Clases de No-crédito. Para mayor información, comuníquese con la oficina de consejería de estas escuelas preparatorias.

Programa de Decisión Temprana

El Programa de Decisión Temprana hace posible que los estudiantes en el último año de la preparatorias Azusa, Claremont, Duarte, Glendora y Monrovia que ya sometieron sus solicitudes a Citrus College, puedan visitar el campus, puedan tomar la prueba de colocación y se reúnan con un consejero durante el segundo semestre de su último año en la preparatoria.

Los estudiantes en su último año en preparatoria y que asisten a otras 'high schools' y que están interesados en participar en el proceso de Decisión Temprana pueden comunicarse con la oficina de Relaciones y Enlace con Escuelas (School Relations and Outreach Office) al 626-857-4162.

Cómo Solicitar Admisión

El proceso de solicitar admisión a Citrus College empieza cuando un prospecto estudiante somete una solicitud en línea a través de nuestro sitio de Internet en <https://wingspan.citruscollege.edu>. No hay ningún cobro por someter esta solicitud y la solicitud se puede llenar en cualquier momento. Hay computadoras en el lobby del edificio de Servicios Estudiantiles y en otras áreas del colegio que permiten el acceso al sitio de Internet del colegio.

Una vez que se somete una solicitud de admisión, el estudiante nuevo recibirá un correo electrónico de bienvenida a Citrus College ("Welcome to Citrus College") que incluye su número de identificación de estudiante y su Número Personal de Identificación (PIN). El estudiante necesita ambos, el número de ID y del PIN para inscribirse en las clases, pagar cuotas y de forma oficial inscribirse en Citrus College.

Estudiantes de Primer Año Menores de 18 Años

Se requiere comprobante de graduación para los estudiantes que no tendrán 18 años el primer día de clases en Citrus College. Se debe entregar una verificación de graduación a la Oficina de Admisiones y Récor ds.

Los documentos aceptables de verificación incluyen un diploma de 'high school', un diploma de GED, Certificado de Constancia en California (Certificate of California Proficiency), una carta en papel membretado de la escuela indicando que ha cumplido con el requisito de graduación, o un archivo sellado que tenga la fecha de graduación.

Requisitos de Residencia

Como colegio comunitario público, Citrus College es requerido a verificar por ley la residencia de cada solicitante según lo indica el Título 5 y el Código de Educación de California. El estatus de Residente, referido como la fecha de determinación de residencia, se determina a partir de la fecha en que empieza cada semestre y establece la cuota y matriculación que se debe de coleccionar en el momento de inscribirse.

Clasificación de Residencia

Las clasificaciones de residencia se deben determinar para cada estudiante en el momento que solicita admisión.

Residentes de California

Residentes de California asisten a Citrus College sin pagar cuotas de residentes y solamente pagan cuotas de inscripción y otras cuotas.

No Residentes

Los estudiantes que no llenan el requisito de residencia de California, deben pagar cuotas de no residentes, además de las cuotas de inscripción y otras cuotas. Para más información, visite www.citruscollege.edu/ar.

Exención para No Pagar Colegiatura como No Residente de California (AB 540)

Cualquier estudiante, que sea inmigrante extranjero, que llene todos los siguientes requisitos, estará exento a pagar cuotas como no residente.

- El estudiante debió haber asistido a la preparatoria 'high school' (privada o pública) en California por tres o más años.
- El estudiante debió haberse graduado de una preparatoria de California o haber obtenido

el equivalente antes del comienzo del semestre; por ejemplo, haber pasado el GED, el examen de Constancia de Preparatoria, o la prueba conocida 'California High School Exit Exam' (Examen de Salida de Preparatoria).

- Un estudiante indocumentado que no tiene estatus legal migratorio debe llenar una declaración jurada (affidavit en inglés) con el colegio en donde indica que ha llenado una solicitud para legalizar su estatus migratorio, o que llenará una solicitud tan pronto él o ella sea elegible a hacerlo.

Los estudiantes que tienen visas de no inmigrantes; por ejemplo, Turista (B-1, B-2), Estudiante Extranjero (F-1), NAFTA (TN & TD) o Estudiante de Intercambio (J), no son elegibles para recibir esta exención.

Reclasificación de residencia

Los estudiantes que se inscriben en clases en espera de la notificación de su aprobación para el semestre son responsables de pagar la cuota que se indica. Los estudiantes que son aprobados en base a los documentos que sometieron, recibirán un reembolso del pago que hicieron como no residentes.

La responsabilidad de comprobar la residencia resta en el solicitante. Para mayor información visite www.citruscollege.edu/ar

La Reclassificación a Estatus como Residente debe ser iniciada por el estudiante. Se debe presentar evidencia para ser evaluada de que el estudiante ha estado físicamente e intenta residir en el Estado de California por lo menos un año y un día antes de la fecha en que empieza el semestre. Los estudiantes que estén interesados en cambiar su clasificación deben comunicarse

con la Oficina de Admisiones y Récor ds. Para mayor información sobre residencia, favor de visitar el sitio www.citruscollege.edu/ar y lea la sección sobre Procedimientos Administrativos.

Cuotas y Gastos 2014-2015

La cuota de inscripción está fijada por la Legislatura Estatal de California

Cuota de Inscripción: \$46
por unidad

Matriculación para Estudiante Extranjero* \$207
por unidad

Matriculación No Residente* \$207
por unidad

Cuotas de Servicios en el Campus

Cuota de Servicios de Salud

| | |
|-------------------|------|
| Otoño & Primavera | \$19 |
| Estudiantes BOGW | \$14 |
| Invierno & Verano | \$16 |
| Estudiantes BOGW | \$11 |

Cuota de Estacionamiento

| | |
|-------------------------|------|
| Otoño & Primavera | \$51 |
| Invierno & Verano | \$26 |
| Cuota de Representación | \$1 |

Cuota de Servicios Estudiantiles

| | |
|-------------------|------|
| Otoño & Primavera | \$15 |
| Invierno & Verano | \$10 |

*Se requiere que los estudiantes no residentes y extranjeros paguen cuotas de inscripción y de matriculación en clases.

Cuota de Servicios de Salud

La Cuota de Servicios de Salud es obligatoria tanto para estudiantes de tiempo completo como de medio tiempo. Los siguientes tipos de estudiantes están exentos a pagar la cuota:

- Los estudiantes que dependen de forma exclusiva en la oración para sanar de acuerdo a las enseñanzas de una secta

religiosa, denominación u organización. Para estar exento de esta cuota, el estudiante debe presentar documentación válida de su membrecía en dicha religión a la oficina del vice presidente de servicios estudiantiles.

- Los estudiantes que asisten a Citrus College bajo un programa aprobado de entrenamiento como aprendiz.

Cuota de Servicios para Estudiantes

La Cuota de Servicios para Estudiantes es una cuota que se paga de forma voluntaria en apoyo de las actividades del campus, como actividades deportivas, clubes, eventos culturales, mejoras en el colegio y otros programas y servicios especiales que benefician de forma directa la vida estudiantil y del campus.

Los estudiantes reciben una calcomanía de ASCC una vez que pagan estas cuotas. Las calcomanías se pueden recoger junto con el permiso para estacionarse en la Oficina de la Tesorería (Bursar's Office) o la Oficina de Servicios Estudiantiles "Student Business Office". El volante que acompaña la calcomanía contiene una lista de la gran cantidad de beneficios y descuentos disponibles para los estudiantes que pagan la cuota para servicios y que han recibido la calcomanía. Debido a la gran cantidad de programas y servicios que se ofrecen, se les pide a todos los estudiantes pagar la Cuota de Servicios para Estudiantes.

Los estudiantes pueden solicitar no pagar esta cuota antes de pagar la matriculación de clases a través de solicitar un formulario para no pagar dicha cuota en la Oficina de Vida Estudiantil 'Office of Student Life', ubicada en la parte central del

Campus. Se requiere comprobante de estar inscrito en el colegio. Los estudiantes que piden no pagar esta cuota, no serán elegibles para recibir los beneficios asociados con esta cuota, pero no para los otros servicios estudiantiles.

Cuota de Representación Estudiantil

La Cuota de Representación Estudiantil es una cuota obligatoria de \$1 que se utiliza exclusivamente para propósitos de abogar a favor de causas en pro de los estudiantes. Un estudiante puede rehusarse a pagar esta cuota por razones políticas, religiosas, financieras o morales. Los estudiantes que no desean pagar esta cuota, deben someter por escrito una declaración justificando sus razones para rehusarse a pagar la cuota.

Esta solicitud estará sujeta a la aprobación por parte de la Oficina del Decano de Estudiantes.

Cuotas de Material de Instrucción

Se puede solicitar que el estudiante tenga que pagar una cuota por material instructivo, u otros materiales que se requieren para una clase específica. Estos materiales pueden incluir, pero no están limitados a libros, herramientas, maquinaria y vestimenta especial.

Póliza de Reembolso de Cuotas

Reembolso de estacionamiento, inscripción, matriculación de no residentes, cuotas de salud o servicios para estudiantes se pueden dar a los estudiantes que son elegibles y que solicitan una petición de reembolso para la fecha límite establecida por el colegio.

En el caso de un miembro activo o de la reserva del servicio militar que recibe órdenes que como consecuencia piden que se den de

baja de sus clases en Citrus College, se les otorgará un reembolso completo una vez que se verifique que hayan recibido dichas órdenes.

Es la responsabilidad del estudiante regresar su permiso de estacionamiento antes de la fecha límite para recibir el reembolso para poder recibir un reembolso por el estacionamiento.

Los permisos de estacionamiento deben regresarse una vez que se haya dado de baja el estudiante de forma oficial del colegio o en el caso de que el estudiante cambió su estatus de un horario en el campus a un horario de Educación a Distancia. No se dan reembolsos en dinero en efectivo. Se otorgará crédito inmediato a los pagos realizados con tarjeta de crédito. Sin embargo, el estudiante o portador de la tarjeta debe de estar presente con la tarjeta de crédito y el recibo de haber hecho el pago con la tarjeta de crédito, en el momento en que se solicita el reembolso. De no ser así, una solicitud de reembolso debe ser sometida. Las cuotas que se pagaron con dinero en efectivo, cheque o tarjeta de débito recibirán un reembolso con cheque. Este cheque será enviado por correo postal a la dirección que se encuentra archivada en la Oficina de Admisiones y Récor ds. Por lo tanto, es importante que la dirección que se encuentra archivada en el colegio sea la correcta.

Obligaciones Financieras de los Estudiantes

Todas las cuotas deben de estar pagadas antes de la fecha límite para evitar ser dado de baja de la clase, incluyendo las clases en donde hay lista de espera. Las fechas límites para pagar cuotas se encuentran en el horario de clases y en Internet.

Citrus College no dará a conocer las calificaciones, no otorgará archivos oficiales, títulos, o privilegios de inscripción o ninguna combinación de lo mencionado anteriormente, a ningún estudiante que ha fallado en pagar sus obligaciones financieras que se le deben al colegio. Se retirarán las restricciones en los archivos del estudiante una vez que se haya liquidado la deuda pendiente. Las deudas deben liquidarse con dinero en efectivo, o giro postal: se pudiera cobrar una cuota de servicio del banco o un recargo.

Ayuda Financiera

La Oficina de Ayuda Financiera es responsable de iniciar, monitorear, y de entregar los fondos federales y estatales. Estos programas se ofrecen a los estudiantes en formas de becas, subsidios, empleos y préstamos.

Los programas de ayuda financiera federal y estatal están diseñados para asistir a todos los estudiantes elegibles de Citrus College. La intención de estos programas es ayudar a los estudiantes que cursan sus estudios superiores y que no han aún obtenido su primer título a pagar su educación en el colegio.

Los estudiantes deben solicitar la ayuda financiera tan pronto sea posible después del 1 de enero y de preferencia antes del 2 de marzo de cada año. No lo deje para después. Muchos estudiantes subestiman el tiempo que toma el prepararse para asistir al colegio. Es importante que ambos, tanto el estudiante como la Oficina de Ayuda Financiera cuenten con suficiente tiempo para preparar el proceso de solicitud con tiempo de anticipación.

Para solicitar ayuda financiera federal se debe cumplir con todos los siguientes requisitos:

1. Ciudadanía: Los solicitantes de ayuda financiera deben ser ciudadanos estadounidenses, nacionalizados, o un ciudadano estadounidense elegible.
 - a. Ciudadano estadounidense elegible incluye: Residente estadounidense permanente con tarjeta I-551; Residente permanente condicional con tarjeta I-551; Solicitantes con un Archivo de Entrada-Salida (I-94) con alguna de las siguientes designaciones: "Refugiado," "Asilo Otorgado," "Libertad Condicional 'Parole'," o "Entrada como Cubano-Haitiano".
 - b. Un estudiante que se encuentra en los Estados Unidos con visa de estudiante F1 o F2, J1 o J2 visa de visitante o estudiante intercambio, o visa de la serie G, no es elegible para recibir Ayuda Financiera Federal.
2. Los estudiantes deben de contar con un número válido de Seguro Social.
3. Los hombres que nacieron antes del 12/31/1959 deben registrarse con el Servicio Selectivo. Llame al 1-847-688-6888 o vaya al sitio: www.sss.gov para las fechas límites para registrarse o para verificar el registro.
4. Contar con un diploma de 'high school' (preparatoria), o de GED, o equivalente a preparatoria. Los estudiantes que asisten por primera vez al colegio, que no cuentan con un diploma de 'high school' o un diploma de Educación General (conocido como GED), o que no han pasado el Ex-

amen de Constancia de California (CPE), o que no tienen un certificado de haber tomado clases en el hogar, NO son elegibles para recibir ayuda financiera federal o estatal.

5. Los solicitantes de ayuda financiera deben de ser estudiantes de estudios superiores inscritos en un programa que conduzca a obtener un certificado, título de asociado, o programa de transferencia. **Los estudiantes que cuentan con un título universitario o más alto, no son elegibles para recibir ayuda financiera federal de tipo 'Pell Grants' o estatal de tipo 'Cal Grants'.**
6. Los estudiantes no deben deber ningún reembolso a ninguna institución por subsidios que se recibieron; ni tampoco estar en incumplimiento de pago de un préstamo Stafford o Perkins.
7. Mantener un Promedio Satisfactorio de Calificaciones (SAP) como lo define la Oficina de Ayuda Financiera.
8. Demostrar una necesidad económica, que es determinada por la Oficina de Ayuda Financiera y en base a los costos de asistencia al colegio (lo que se le conoce como COA) menos la Contribución Familiar Esperada (conocida como EFC), tal y como define la metodología federal.

Política de Reembolso de la Ayuda Financiera del Título IV (R2T4)

Los fondos del Título IV se otorgan al estudiante bajo la creencia de que el estudiante asistirá a la escuela durante todo el periodo para el cual se le dio la ayuda financiera. Cuando un estudiante se da de baja de sus clases, el estu-

dante pudiera ya no ser elegible para recibir el monto total de los fondos del Título IV los cuales el estudiante originalmente recibiría. Si los fondos que se otorgaron son mayores que la cantidad que el estudiante debió haber obtenido, lo que se le llama un sobrepago de Título IV, se debe de regresar la diferencia de dicha cantidad a través de un pago hecho en un lapso de 45 días a partir de la fecha de notificación. El balance de los fondos que no se debían de haber pagado, se reporta al Departamento de Educación para que sean colectados. Además de calcular el porcentaje de ayuda financiera que el estudiante es elegible a recibir, el Departamento de Educación requiere que el colegio calcule cualquier pago institucional (cuotas) que el colegio debe regresarle al Departamento de Educación por sobrepagos. Cualquier costo que el colegio deba pagarle al Departamento de Educación será cobrado al estudiante como una Deuda Institucional. Esta deuda es adicional a cualquier sobrepago del Título IV que el estudiante deba. Hasta que se liquide el balance, se colocará una restricción en la cuenta del estudiante, lo que no permite que se inscriba en clases, o tener acceso a su archivo oficial de Citrus College.

Citrus College colecciona deudas a través del programa que se le conoce en inglés como 'Chancellor's Office Tax Offset Program' (COTOP). COTOP autoriza al Departamento de Recaudación de Impuestos de California (FTB) a cobrar la cantidad que se le debe al Distrito de los impuestos personales de la persona que tiene la deuda, premios de lotería o cualquier otro reembolso estatal. Si el estudiante debe dinero al Distrito y no se recibe pago, el Distrito entonces entregará la deuda para

su colección a COTOP, incluyendo la Deuda Institucional. Además de la cantidad que el estudiante le debe al distrito, COTOP cobrará el 25% en cuotas de colección. Los estudiantes pueden obtener más información en el sitio de Internet de la Oficina del Tesorero o de la Cajera sobre pagos a COTOP.

La Oficina de Ayuda Financiera recalculará la elegibilidad para la beca 'Pell' cada semestre basándose en las fechas de recalcular. Los estudiantes que fallen y no mantengan los números de unidades por los cuales se les otorgue ayuda para asistir al colegio y en las fechas indicadas, tendrán que pagar la diferencia en base a su elegibilidad de la beca 'Pell'. La cantidad de elegibilidad para ayuda financiera es en base al número de unidades que el estudiante está inscrito al momento de recibir la ayuda (vea fechas importantes y fechas límites en la página de internet de la oficina de ayuda financiera para saber cuáles son las fechas topes). Los estudiantes que agregan clases después de esta fecha no recibirán ayuda financiera para las clases agregadas tarde. Los estudiantes que se den de baja de clases en esta fecha o antes de esta fecha y que reciban fondos en exceso de su estatus actual de inscripción serán requeridos a pagar la cantidad en exceso que recibió basada en su número de unidades en las que estén inscritos para dicha fecha. NO habrá ajustes a las cantidades de ayuda financiera después de esta fecha. Estos pagos serán adicionales a cualquier cantidad que se tenga que devolver a las Calculaciones de Título IV que se indican abajo como resultado de darse de baja de todas las clases.

Para los Estudiantes que Llenan todos los Requisitos
Los estudiantes que llenan todos

los requisitos mencionados arriba, deben de completar la Solicitud Gratuita de Ayuda Federal para Estudiantes (FAFSA). Solicite en línea en www.fafsa.gov. El Código Federal de Citrus College es **001166**. **Es importante solicitar temprano; las solicitudes se aceptan tan temprano como el 1 de enero.**

Una vez que el estudiante haya completado de forma satisfactoria la FAFSA, deben estar en contacto con la Oficina de Ayuda Financiera para revisar el estatus de su solicitud. Los estudiantes también pueden revisar su solicitud a través de su cuenta en WingSpan. **La cuenta estudiantil de email de Citrus College debe de ser activada.** Esta es la primera fuente de comunicación entre la oficina de ayuda financiera y el estudiante.

La Oficina de Ayuda Financiera pudiera solicitar alguno o todos los siguientes documentos:

La declaración de impuestos del IRS del estudiante o de sus padres con:

- Formularios W-2
- Comprobante de ingreso libre de impuestos
- Tarjeta/s de Seguro Social
- Otra información relacionada con ingresos financieros
 - Archivos académicos oficiales de todas las escuelas a las que asistió anteriormente

Cuando se determina la elegibilidad financiera, se toman en consideración diversos factores, tales como:

- Ingreso familiar libre de impuestos y sujeto a impuestos
- Inversión (es)
- Impuestos pagados
- Número de miembros en el hogar
- Número de miembros de la familia en el colegio

Cómo Solicitar Ayuda Financiera/Llene la FAFSA

Un estudiante puede solicitar ayuda financiera a través del Internet. Vaya a www.fafsa.gov. Se requiere un Número de Identificación Personal (PIN) para el estudiante y el padre o madre del estudiante dependiente. Visite www.pin.ed.gov para solicitar un PIN en línea.

El personal de la Oficina de Ayuda Financiera está disponible para asistir en inglés o español a los estudiantes a llenar la solicitud FAFSA en línea.

Los estudiantes que completan la FAFSA pudieran ser elegibles para uno o más de los siguientes programas:

Programas Federales

Los siguientes programas federales son subsidios, los cuales no se tienen que pagar:

- **Federal Pell Grant** es un subsidio para estudiantes que se ha determinado son elegibles basado en la metodología federal. Este programa asiste a los estudiantes que no han obtenido su título universitario.
- **Federal Supplement Educational Opportunity Grant (FSEOG)** es un subsidio para estudiantes elegibles con un nivel muy alto de necesidad económica. Los estudiantes además tienen que ser elegibles a recibir un subsidio de tipo 'Pell Grant' para poder recibir el subsidio FSEOG.
- **Federal Work Study (FWS)** se otorga a estudiantes que han indicado en la solicitud FAFSA estar interesados en participar en el programa FWS. Le da a los estudiantes la oportunidad de obtener fondos a través de trabajar en

empleos en el campus o fuera del campus.

- **Préstamos** se otorgan a estudiantes en base a su elegibilidad y son fondos que el estudiante debe pagar.
- **Préstamos Directos (Subsidiados o No Subsidiados)** se otorgan a estudiantes que los solicitan y que han de forma satisfactoria completado su solicitud de ayuda financiera (FAFSA).

Programas Estatales

AB540—la reciente ley aprobada 'California Dream Act', está compuesta de las leyes estatales AB 130 y AB 131, las cuales extienden la elegibilidad para ciertos tipos de ayuda institucional y estatal para estudiantes, incluyendo los estudiantes indocumentados, que califican para estar exentos de pagar la matriculación como no residentes bajo la ley AB 540. Los estudiantes elegibles pueden recibir la exención para no pagar la matriculación conocida como "BOG Fee Waiver", la beca Cal Grant, la beca Chaffee Grant y la beca EOP&S. Para mayor información sobre el acta 'California Dream Act', favor de visitar el sitio de la Comisión de Ayuda Estudiantil de California o **California Student Aid Commission's website**.

La Exención para No Pagar Matrícula de la Junta de Regentes (BOGFW por sus siglas en inglés) es una exención que se otorga a los residentes de California, incluyendo a estudiantes AB540, para no pagar la cuota de matriculación si es que demuestran tener necesidad económica.

Cal Grants, son becas de subsidios diseñados para asistir a los estudiantes de familias con bajos y medios ingresos a pagar por sus gastos educativos. Estos subsidios

están patrocinados por la Comisión de Ayuda Estudiantil de California (CSAC). La elegibilidad se basa en el promedio de calificación del estudiante (GPA), el ingreso del estudiante o de sus padres, y la carrera seleccionada. Para ser elegible a recibir esta beca, el estudiante debe completar la solicitud FAFSA y cumplir con las fechas límites de las becas Cal Grant, que es el 2 de Marzo de cada año. Los estudiantes AB540 son elegibles para solicitar becas de subsidio 'Cal Grants'. La disponibilidad de fondos depende del presupuesto estatal.

Chafee Grants

Si usted se encuentra o estuvo en un hogar de crianza y tiene necesidad económica, usted podría calificar para recibir hasta \$5,000 al año para estudiar una carrera o entrenamiento técnico o ir al colegio. Usted no tiene que pagar este dinero. También pudiera usar estos fondos para pagar por gastos de guardería, transportación y renta mientras que asiste a la escuela. Puede utilizar su Subsidio 'Chafee Grant' en cualquier colegio de California, o Universidad o escuela de carreras o educación técnica, así como en escuelas en otros estados.

Para calificar, usted debe de ser un actual joven de crianza o haber sido uno, y no haber cumplido aún los 22 años de edad para el 1 de julio del año en que se otorgan los fondos. La corte debe de haber establecido su dependencia mientras que usted tenía entre 16 y 18 años de edad. (las clasificaciones 'KinGap youth' joven adoptado, colocación con un guardián legal, o colocación voluntaria pudieran no ser elegible para recibir el subsidio 'Chafee Grant', al menos que la corte haya establecido la dependencia, en cualquier momento, entre las edades de 16 y 18 años de edad). El Departamento de Ser-

vicios Sociales de California verificará la elegibilidad como joven de crianza.

Becas

A través de su Fundación, Citrus College también ofrece una gran variedad de becas que están disponibles para estudiantes nuevos, que continúan o que se transfieren a otras instituciones. Se exhorta a los estudiantes de Citrus College a solicitar becas de fuentes externas. Para más información sobre las oportunidades de becas, favor de visitar en persona la Oficina de Ayuda Financiera o su sitio en Internet en:

www.citruscollege.edu/stdntsrvc/finaid
www.collegeboard.com
www.collegenet.com
www.college-scholarships.com
www.salliemae.com
www.supercollege.com
www.usafunds.org

Otras Fuentes

Se invita y exhorta a los estudiantes a comunicarse con la Oficina de Ayuda Financiera.

Citrus College
 Financial Aid Office
 Location: Student Services
 Building, First Floor
 (626) 914-8592
financialaid@citruscollege.edu
www.citruscollege.edu/stdntsrvc/finaid

Departamento de Educación de EE.UU.

1-800-4FED-AID
 (1-800-433-3243)
 Lunes a Viernes
 8:00 a.m. and 8:00 p.m. EST.
www.ed.gov
 1-800-730-8913
 (Línea para sordomudos)

Asesoría y Orientación

¿Qué es la Asesoría?

El proceso de asesoría en Citrus College ofrece información sobre habilidades para lenguaje y matemáticas, y otras actividades necesarias para tener una experiencia exitosa en el colegio. La información que reporta el mismo estudiante se utiliza también, en conjunto con los archivos de la preparatoria o de otros colegios. Otros factores también se utilizan para asesorar que tan preparado está el estudiante para asistir al colegio, entre estos se encuentran evaluación de los hábitos para estudiar, metas del estudiante y aspiraciones para carrera, y los resultados en la prueba de colocación.

La asesoría de la información ayuda al consejero a determinar cuál es el programa educativo a seguir para que el estudiante pueda lograr sus metas educativas a largo plazo y poder obtener una carrera.

El horario de las pruebas de colocación se pueden encontrar en <http://www.citruscollege.edu/lc/testing/pages/AssessmentPlacementTesting.aspx>

Se recomienda a los estudiantes que tienen una discapacidad y que requieren arreglos especiales para tomar pruebas, comunicarse con la Oficina DSP&S al (626) 914-8675 para hacer los arreglos necesarios. Servicios para sordomudos están disponibles las 24 horas del día (626) 914-8674 TDD.

Revisión de la Colocación

Los estudiantes que no estén de acuerdo con los resultados de la prueba de colocación y que opinan que sus habilidades no reflejan el nivel en que se les asignó, pueden solicitar con un consejero una Revisión de la Colocación.

Los estudiantes pueden apelar el nivel de colocación en clases de inglés y/o matemáticas si pueden demostrar comprobantes de dominio del curso o haber estado en ese nivel anteriormente. Los estudiantes deben de estar preparados para presentar documentación tales como archivos de preparatoria o de colegio, o resultados de pruebas adicionales. Después de que un consejero revisa la información del estudiante, se pudiera recomendar que el estudiante vuelva a tomar la prueba o se pudieran hacer ajustes en el nivel de colocación. La práctica para tomar la prueba de colocación es la siguiente:

1. El estudiantes debe esperar un mínimo de cuatro semanas antes de volver a retomar la prueba de colocación.
2. Las pruebas de colocación deben ser retomadas solamente una vez por cada material. Con la excepción de los resultados ya expirados de pruebas de colocación (más viejos de 2 años) no se permitirá retomar pruebas adicionales. Es importante que el estudiante tome en serio la prueba de colocación, preparándose adecuadamente y hacer lo mejor que pueda.
3. Todos los resultados de pruebas de colocación son válidos por un periodo de 2 años. Se recomienda a los estudiantes a inscribirse en matemáticas e inglés en su primer año.

¿Qué es una Orientación Requerida?

El programa de orientación está diseñado a introducir a los estudiantes a un curso de estudio, los recursos del campus, los programas de apoyo estudiantil, y recomendaciones para tener éxito en

el colegio. Los estudiantes tendrán las herramientas necesarias para hacer una transición fácil a la experiencia del colegio y tener éxito en sus metas.

Se exhorta a los estudiantes nuevos a Citrus College completar la prueba de asesoría y **DEBEN** completar su orientación. No se permitirá ninguna inscripción futura de estudiantes que han solicitado admisión al colegio y que no completaron el requisito de orientación para la fecha límite. Los estudiantes que creen estar exentos de este requisito o aquellos que desean leer información sobre el procedimiento para cuestionar estos reglamentos de matriculación pueden referirse a la sección sobre matriculación que se encuentra en el catálogo de clases de Citrus College o en los Procedimientos Administrativos que se encuentran en la página de internet de Citrus College bajo "Administrative Procedures and Board Policies" buscando en el index de la A-Z.

Opciones para la Orientación

La orientación se puede cumplir a través de las siguientes opciones:

- Orientación en persona (se recomienda para los estudiantes nuevos)
 - Orientación para nuevos estudiantes/prueba de colocación de nuevos estudiantes, incluye SEP a partir de julio del 2014
 - Día de Decisión Temprana en Citrus College (está disponible únicamente a través de los distritos de las "high schools")
- Orientación en línea vía Internet en <http://orientation.citruscollege.edu>

La sesión de Asesoría/Orientación está programada periódicamente a través de todo el año. Para mayor

información, revise las fechas de colocación/orientación en la página en <http://www.citruscollege.edu/testing/Pages/AcademicTesting.aspx>

Consejería/Asesoría Académica

El personal del colegio que brinda consejería ofrece una gran variedad de servicios, incluyendo pero sin estar limitados a, planificación de estudios, asesoría sobre carreras, consejería sobre transferencia a la universidad, consejería personal (problemas personales y temas que afectan el progreso académico del estudiante), Programas y Servicios para Estudiantes con Discapacidades (DSP&S), Programas de Oportunidades y Servicios (EOP&S), y programas de ayuda financiera. Los consejeros asisten a los estudiantes a planificar a largo plazo y revisan ciertos requisitos para que el estudiante pueda cumplir con los requisitos de graduación y de ciertas clases con prerrequisitos, puedan obtener su certificado o licencia de carrera o programa técnico, y puedan cumplir con los requisitos para transferirse a otros colegios o universidades.

Es importante que los estudiantes nuevos tengan habilidades para poder tener éxito en el colegio y poder hacer una transición fácil al colegio. Se recomiendan que los estudiantes nuevos tomen los siguientes cursos durante su primer semestre en Citrus College:

- COUN 156, College Planning Today for Tomorrow
- COUN 159, On Course to Success
- COUN 160, Strategies for College Success

Es importante que todos los estudiantes cuenten con un Plan Estudiantil Educativo (SEP) mientras que asisten a Citrus College.

Los consejeros asisten a que los estudiantes desarrollen estos planes educativos para reflejar sus metas. Se recomienda a todos los estudiantes nuevos que no son exentos a completar un SEP corto para reforzar su éxito para poder completar sus estudios. También, a partir del otoño de 2014, los estudiantes nuevos que completen sus prueba de colocación, su orientación y desarrollen su SEP para las fechas designadas contarán con inscripción temprana. Los SEP cortos para los estudiantes nuevos que no son exentos serán de la siguiente manera:

- **Estudiantes con 15 unidades o menos:** los estudiantes nuevos que no son exentos con 15 unidades de colegio o menos podrán completar un SEP corto durante una orientación en persona o durante una Sesión de Planificación de Cursos. Hay una lista con los horarios en <http://citruscollege.edu/lc/testing/Pages/AssesmentPlacementTesting.aspx> y en <http://citruscollege.edu/stdntsrvcounsel/Pages/default.aspx>
- **Estudiantes con 16 unidades o más:** Los estudiantes nuevos que no son exentos tendrán que reunirse con un consejero durante una reunión individual para crear su SEP. Antes de la cita con el consejero, el estudiante debe completar la prueba de colocación, completar la orientación y declarar un curso de estudios, además de que el archivo oficial del estudiante debe ya estar archivado en el colegio.

Como vaya progresando el estudiante, el plan se puede ir cambiando frecuentemente para reflejar sus metas. Cuando estos cambios ocurran, el estudiante debe reunirse con su consejero para actualizar su plan SEP.

Seguimiento de Consejería

Los servicios de seguimiento están diseñados para evaluar y monitorear el progreso académico del estudiante. Se ofrecen servicios especiales para los estudiantes que se encuentran en probatoria académica, en clases de habilidades básicas, y para los estudiantes que están indecisos sobre sus metas educativas. Los consejeros también refieren a programas y servicios apropiados, tanto en el campus como fuera del campus.

Se requiere que los estudiantes en probatoria académica completen un taller en línea sobre probatoria en <http://citruscollege.edu/stdntsrvcounsel/Pages/NewStudentMandatoryOrientation.aspx> mucho antes de inscribirse en clases. No se permitirá la inscripción hasta que el estudiante haya tomado el taller.

EOP&S/CARE

El programa 'Extended Opportunity Programs & Services/Cooperative Agencies Resources for Education (EOP&S/CARE)' ayuda a los estudiantes de los colegios comunitarios y que están en desventaja económica y educativa a lograr su meta académica y de carrera. Los servicios de apoyo consisten de información y asistencia para llenar la solicitud de admisión, inscripción, ayuda financiera, asesoría, y selección de carrera o especialización.

EOP&S también ofrece:

- Servicios de apoyo tales como inscripción con prioridad, asistencia para comprar libros, exención para no pagar cuotas de pruebas, tutoría y talleres de desarrollo personal
- Enlace a preparatorias, organizaciones comunitarias y agencias
- Asesoría con jóvenes diseñada para retener a los estudiantes utilizando mentores y personas ejemplares

- Consejeros y asesores académicos que ofrecen asesoría académica y consejería personal
- Referencias a otros servicios disponibles en el campus y en la comunidad
- Programa Puente 'Summer Bridge Program' de seis semanas en donde estudiantes potenciales de escuelas preparatorias locales asisten a clases, aprenden estrategias para tener éxito en el colegio y participan en paseos.

El Programa CARE, establecido por la Legislatura de California (AB 3103), asiste a los estudiantes de EOP&S que son padres solteros y que se encuentran recibiendo asistencia pública y que tienen por lo menos un hijo menor de 14 años de edad.

A través de CARE, los estudiantes reciben servicios adicionales de apoyo educativo, tales como consejería, asesoría académica y actividades de enlace con otros jóvenes específicamente diseñadas para padres solteros de bajos ingresos.

Adicionalmente, CARE ofrece subsidios y dinero para gastos de guardería, transportación, compra de libros y materiales didácticos para asegurar la retención en el colegio, la persistencia, y las tasas de transferencia entre estos estudiantes, para que puedan obtener su meta educativa, que incluye un certificado vocacional, licencias o constancias, un título de asociado o la transferencia a una universidad de cuatro años de estudio.

Educación Continua

Educación Continua en Citrus College ofrece oportunidades para el desarrollo personal y profesional a los miembros de la comunidad. Las clases están diseñadas para reforzar las habilidades profesionales o para ayudar a los estudiantes a

aprender actividades nuevas que puedan disfrutar en su tiempo libre. Las clases de educación continua ofrecen oportunidades de aprendizaje para enriquecer la vida de las personas y mejorar la calidad de vida en nuestras comunidades.

Clases de Educación de No-Crédito

La educación de clases de no crédito son un suplemento para el continuo crecimiento de las habilidades de los estudiantes en ciertos empleos, a través de clases que incluyen habilidades básicas, desarrollo de carreras, salud y ejercicio, preparación vocacional y reentrenamiento para empleos. La inscripción en clases de educación continua es gratis y es continua durante todo el año. Ver las páginas 269-276 para la lista disponible de clases. Todas las clases de no crédito que se ofrecen están sujetas al presupuesto y al número de estudiantes inscritos.

Los estudiantes potenciales que pudieran asistir a Citrus College y que se encuentran indecisos sobre el colegio pueden empezar o continuar su experiencia del colegio con clases de no crédito. Hay servicios de consejería disponibles en el Departamento de Consejería y Asesoría. Para hacer una cita con un consejero para clases de no crédito, favor de llamar al (626) 852-6445.

La educación no-crédito ofrece clases de Inglés como Segundo Idioma (ESL) dentro de un formato tradicional de instrucción en salón de clases para estudiantes con dominio limitado del inglés.

Visite el departamento de Educación Continua en el centro 'Lifelong Learning Center' o llame al (626) 852-8022.

Lista de personal que habla español:

Admisiones y los Registros

Julie Miranda
(626) 857-4132

Gerald Sequeira
(626) 914-8519

La Transferencia Centrales

Raul Sanchez
(626) 857-4064

Consejería Académica

Claudia Castillo
(626) 914-8537

Laura Villegas
(626) 857-4093

Ayuda Financiera

Guillermo Miranda
(626) 914-8592

Programas Educativos de Oportunidades y Servicios (EOP&S)

Joanne Hinojosa
(626) 914-8558

Sylvia Pinedo
(626) 914-8555

Servicios Fiscales

Rosalinda Buchwald
(626) 914-8897

What are the Rules?

Academic Policies and Requirements, Attendance and Enrollment

Attendance Policy

Students are expected to attend all of the classes in which they are enrolled. Meetings include regularly scheduled course sessions and other required activities such as labs, field trips, athletic meets, and performances. It is the instructor's responsibility to notify the students of all such required activities early enough in the semester to enable students to attend all meetings.

Absences

It is the student's responsibility to speak to the instructor regarding their absence and arrange to make up the coursework missed. Instructors may allow make up work for excused absences for reasons that include:

- Illness, bereavement, personal emergency or medical appointment
- College-approved field trips, performances or intercollegiate events

Adding and Dropping Classes

Students are responsible for dropping their own unwanted classes. This can be done online via the students' WingSpan account. Deadlines for dropping classes with and without record are posted online for each semester, along with other vital information regarding important dates to remember.

Instructor Drop

An instructor may drop a student who has missed three class meetings in a regular semester class that meets two or more times a week or who has missed two class meetings in a class that meets once a week. Instructors teaching

classes that meet less than a full semester (summer, winter, short-term) may allow fewer absences.

If a student fails to attend the first class meeting of a term without prior permission from the instructor, the instructor may give that student's place to another student on the waitlist.

Auditing Courses

Auditing classes is not permitted.

Program Changes: Adding and Dropping Classes

Students wishing to make adjustments in their program (add or drop a class) may do so by the add/drop deadline dates posted on the Admissions and Records Office web page.

Credits, Grades and Academic Status

All credit courses listed in the description of courses section have been reviewed by the Citrus College Curriculum Committee and approved by the Board of Trustees in accordance with California Education Code requirements.

Units

A unit is the amount of college credit earned by satisfactory completion of a course taken for one semester. A unit of credit may be earned by:

- One hour per week of lecture or recitation
- Three hours in a laboratory or other exercises not requiring outside preparation

Grades

Grade reports will be available online, a few days after the close

of each semester and session, through <https://wingspan.citruscollege.edu>. Contact the Admissions and Records Office for more information.

Academic Record Symbols and Grade Points

Evaluative Grades

Evaluative grades are assigned grade point values, which are used in calculating a student's GPA. An instructor's determination of a student's grade is final if no evidence of mistakes, fraud, bad faith or incompetence has been determined.

| Symbol Definition | | Grade Point |
|--|------------------------|-------------|
| A | Excellent | 4 |
| B | Good | 3 |
| C | Satisfactory | 2 |
| D | Less than satisfactory | 1 |
| F | Failing | 0 |
| FW | Failing/Withdrawal | 0 |
| Indicates that a student ceased participating in a course after the drop date without achieving a final passing grade. | | |
| P | Passing | 0 |
| At least satisfactory, units awarded, not counted in grade point average | | |
| NP | No Pass | 0 |
| Less than satisfactory, or failing, units and grade not counted in grade point average | | |

Minimum Grade Requirements

A C or better is required in courses that are prerequisites to other courses. Other instances in which a C or better is required include courses taken to:

- Satisfy competency for degree or transfer
- Fulfill major requirements for the associate degree or transfer
- Complete requirements for a vocational certificate of achievement
- Meet statutory regulations (usually part of a transfer pattern)
- Complete courses within IGETC (Intersegmental General Education Transfer Curriculum) categories

A *D* is the minimum acceptable grade in electives and other limited categories of coursework.

Non-Evaluative Grades

Non-evaluative grades are not assigned a grade point value and therefore are not used in calculating GPA. Credits are not issued when the following non-evaluative grades are assigned.

Incomplete: I

Incomplete academic work for unforeseeable, emergency and justifiable reasons may result in the I symbol being entered in a student's record at the end of the term. The condition for removal of the I, and the grade to be assigned at the time of its removal, is stated by the instructor in a written record. An I will not be used in calculating units or grade points.

A copy of the written record is given to the student and the original is filed in the Admissions and Records Office. A final grade is assigned when the required work has been completed and evaluated, or when the time limit for completing the work has passed.

An incomplete grade may be made up within one year following the end of the term in which it was assigned.

Withdrawal: W

W denotes withdrawal from a class or classes when a student withdraws after the no-notation deadline, but before the drop with a W deadline. No notation is made on the academic record of a student that withdraws before the no-notation deadline. Please consult the Admissions and Records Office for deadline dates.

Although W is not used in calculating grade point average, excessive withdrawals are used as factors in calculating academic standing and may result in a student being placed on progress probation or dismissal. Withdrawals count towards repetition limits for courses.

Withdrawal from a class or classes due to extenuating circumstances—verified cases of accident, illness or other circumstances beyond the control of the student—may be authorized after the withdrawal deadline before the issuance of a grade upon petition by the student.

Military Withdrawal: MW

MW is assigned to active or reserve members of the military who receive orders that compel a withdrawal from courses. Upon verification of such orders, a MW will be assigned at any time, during which no notation is made for withdrawals. A Military Withdrawal shall not be counted in progress probation and dismissal calculations, or in course repeatability limits.

In Progress: IP

IP is used only in those courses that extend beyond the normal end of an academic term. It indicates that work is "in progress," and that a grade will be assigned upon completion of the work. When the appropriate evaluative grade and unit credit is assigned, it will

appear on the student's record for the term in which the required work of the course is completed.

Report Delayed: RD

RD is assigned by the registrar when there is a delay in reporting the grade of a student, due to circumstances beyond the control of the student. It is a temporary notation and is replaced by a permanent symbol as soon as possible.

Progress Indicators for Noncredit Courses

| | |
|----|---|
| P | Pass, satisfactory completion of a course |
| SP | Satisfactory Progress toward completion of a course |
| NP | Did not complete the course satisfactorily (no measureable or unknown progress) |

Evaluating Academic Progress President's List

To be eligible for the President's List, a student must have a 3.8 GPA in at least 6 units completed in the semester they are being recognized, and a minimum 24 units completed at Citrus College. Non-degree applicable courses are not included.

Dean's List

Dean's List students must have a 3.5 GPA in at least 6 units completed in the semester they are being recognized, and a minimum of 24 units completed at Citrus College. Non-degree applicable courses are not included.

Notice of Satisfactory/Unsatisfactory Work

It is the instructor's responsibility to provide at least two evaluations of a student's progress, such as exams and/or papers, before the mid-semester or before the withdrawal deadline.

Probation, Dismissal and Reinstatement

Probation

A student shall be placed on academic probation if he/she has attempted a minimum of 12 semester units of work and has a cumulative grade point average of less than a C (2.0). A student shall be placed on progress probation if he/she has enrolled in a total of at least 12 semester units and the percentage of all units in which the student has enrolled, for which entries of W, I, NC and NP were recorded reaches or exceeds fifty percent.

A student on academic probation shall be removed from probation when the student's cumulative grade point average is 2.0 or higher. A student on progress probation shall be removed from probation when the percentage of units in the categories of W, I, NC and NP drops below fifty percent. Military withdrawals (MW) are not included in the progress probation calculation.

Each student shall be notified of his/her academic status and the availability of college support services before the student is subject to dismissal. A probation notice shall be sent after the fall and spring semesters to the student via Citrus College e-mail informing him/her that he/she is on academic and/or progress probation.

The notification advising the student of probation will cover, at a minimum, the significance of being on probation, and a referral to counseling services to assist the student to improve his/her academic standing.

Review of Probation Status

A student on probation will be required to participate in a

counseling probation intervention and take corrective actions to improve his/her academic standing. A counselor may limit the number of units a student may enroll in and/or require enrollment in specific courses.

Dismissal Standards of Dismissal

A student who is on academic probation for two consecutive semesters and whose semester grade point average for both semesters is less than 2.0 shall be subject to dismissal.

A student who is on progress probation shall be subject to dismissal if fifty percent or more of the cumulative units recorded in each of two consecutive semesters have an entry of W, I, NC and NP. Military withdrawals (MW) are not included in the progress probation calculation.

Dismissal Notification

A notice will be sent to dismissed students via Citrus College e-mail informing the student that he/she has been dismissed for the semester. The notice will make reference to this procedure, and explain the dismissal process, the procedure for readmission and the procedure to appeal the dismissal.

Petition for Readmission from Dismissal After One Semester

A student who has been dismissed must sit out at least one semester. A dismissed student may file a petition with the Counseling and Advisement Center for readmission. The student will be required to make an appointment with a counselor to complete the petition process. A student may be limited to the number of units and/or required to enroll in specific classes. The petition will be reviewed by

the dean of counseling and the dean of admissions.

A petition for readmission must be supported with evidence of readiness to do successful college work. The student is encouraged to meet with a counselor prior to registration each semester until he/she is removed from probationary status.

Petition To Appeal Dismissal Because of Extenuating Circumstances

A student who has been dismissed from Citrus College may only appeal the decision if he/she encountered extenuating circumstances and can prove that these circumstances affected his/her scholastic performance. Petitions will be accepted in the Counseling and Advisement Center.

Approved students may be limited to a number of units and/or required to enroll in specific classes. The complete petition will be forwarded to a committee consisting of at least one counselor, the Dean of Counseling and the Dean of Admissions and Records.

In support of their petition, the student must provide the following:

Proof of extenuating circumstances that kept the student from succeeding. Some examples of extenuating circumstances (and appropriate proof thereof) include: illness (letter from a physician), death in the family (death certificate of the family member), car accident (appropriate paper work); and change of work hours (work documentation), etc.

A personal statement describing the extenuating circumstance and how the student's school work was affected.

The decision of the committee will be communicated to the student within 10 working days to appeal. The student may appeal the decision to the committee in writing to the vice president of student services within 10 working days of the date of notification of the decision by the committee. The decision of the vice president of student services is final.

If the student's dismissal appeal is granted, the student will continue on probation for an additional semester. At the end of the additional semester, the student's academic record will again be evaluated to determine whether the student may be removed from probation, should be dismissed, or should be continued on probation.

Readmission

Readmission may be granted, denied or postponed as specified in Administrative Procedure 4255.

The superintendent/president shall develop procedures for the implementation of this policy that comply with the Title 5 requirements.

The above standards shall be applied as the minimum standards of satisfactory progress for students who are recipients of federal and state funds administered by the college.

Readmission After Dismissal

A dismissed student who does not enroll at Citrus College for at least one semester will be reinstated. After each semester, the student's academic record will again be evaluated to determine whether the student should be removed from probation and dismissal, should be on probation, or should once again be dismissed.

Course Repetition

A student may enroll in a course and receive a satisfactory grade of A, B, C, or P only once, unless the course description in the college catalog states that the course may be repeated for credit.

Courses Repeated to Improve a Non Passing Grade

A student may repeat a course only once when a D, F, NP, W or FW has been earned. A student must file a petition and receive approval prior to attempting a course for a third time. The petition will be considered if the withdrawal or sub-standard grade was the result of extenuating circumstances. Extenuating circumstances are defined as verified cases of accident, illness or other circumstances beyond the control of the student. If the student earns a non-passing grade on the third attempt, the student may not enroll in that course again unless an exception outlined in AP 4225, AP 4227, AP 4228, or AP 4229 applies.

When a D, F, FW or NP is repeated, the units and grade points of the last grade will be used in computing the student's grade point average at Citrus College, so long as no more than two prior grades are alleviated.

The permanent academic record shall be annotated in such a manner that all work remains legible.

A student may repeat a course one time at another accredited college to alleviate a final grade of D, F, FW or NP earned at Citrus College. The student must file a petition and verify the grade with an official college transcript. The permanent academic record shall be annotated in such a manner that all work remains legible.

New Rules on Course Repeatability and Course Families

Repeating Courses for Credit

In the past, many classes at Citrus College were defined as "Repeatable," meaning that a student could take these classes for credit and receive a passing grade more than one time. These included Kinesiology activity classes, hands-on and performance classes in Fine and Performing Arts and Communications, Co-operative Education classes, and classes designed specifically for students in the DSPS program.

Recent changes to the regulations governing community colleges statewide mean that most of these courses are no longer considered generally repeatable. There are a few limited cases where exceptions exist for one of three categories:

1. Competitive Athletics and Conditioning courses (KIN courses numbered 200 and up and KINC courses)
2. Academic courses specifically designed for students to participate in a state-recognized competition.
3. Courses that must be repeated to meet lower-division degree requirements at transfer institutions.

The new rules also allow individual students to apply to repeat courses in DSPS and adapted physical education.

Course Families

In addition to the changes in repeatability rules, certain courses in Kinesiology and Fine and Performing Arts are now grouped into "families" giving similar educational experiences. These families are listed below as well as in the individual disciplines in which they apply (ART, DANC, KIN, MUSC, MUSE, MUSP, and THEA).

Within any given course family, students are only permitted four "experiences" while enrolled at Citrus College. An experience in this case is defined as taking a course and receiving any letter grade, including a substandard grade (D, F, NP, or W). Once a student has received four experiences in a given family, they will not be permitted to enroll in any other class within that family, even to alleviate a sub-standard grade.

This limitation applies to courses taken prior to Fall 2013. So if a student has already received a grade in three courses within a given family, then they will only be permitted one more attempt at a course within that family. If a student has four or more experiences in a given family prior to Fall 2013, they will not be permitted to attempt any more classes in that family.

Although some families have more than four courses in them, a student will only be permitted to take four of the courses in the family.

Note: Students can no longer receive credit for the same course more than one time unless it is specifically designated a repeatable course (see Repeating Courses for Credit above).

The courses included in course families are:

Art

Fundamentals: ART 110, 111, 130, 140, 143

Ceramics: ART 141, 142, 240, 241

Commercial Ceramics: ART 146

Design: ART 120, 121, 145, 149

Sculpture: ART 180, 181, 182, 183, 184

Drawing: ART 112, 115, 116

Painting: Art 131, 230

Graphic Design: ART 150, 158, 189

Digital Art: ART 153, 162, 167, 168

Advanced Digital Art: ART 163, 253, 267, 268

Dance

Tap: DANC 159, 259, 269, 279

Jazz: DANC 160, 260, 270, 281

Ballet: DANC 162, 262, 272, 292

Modern: DANC 161, 261, 271

Alignment/Correctives: DANC 130

Introduction/Hip Hop: DANC 103, 158, 258

Musical Theatre Dance: DANC 263, 263A, 265, 265A

Popular Dance: DANC 264, 266, 284, 296

Choreography and Production: DANC 172, 289

Kinesiology

Aquatics: KIN 142, 143

Individual Sports: KIN 101, 102, 103, 106, 108

Team Sports: KIN 130, 134, 135

Aerobic Fitness: KIN 146, 147, 151, 153, 159

Resistance Training: KIN 145, 152, 154

Progressive Relaxation: KIN 116

Combatives: KIN 104

Music

Developmental: MUSE 020, 070, 090

Individual Instruction: MUSP 290, 291, 292

Choral: MUSC 106, 107, MUSP 100, 101, 105, 106, 110, 111, 200, 201
Symphonic: MUSP 145, 146

Jazz: MUSC 122, 123

Commercial: MUSC 100, 102, 103, 104, 105, 204

Chamber: MUSC 142, 144, 146, MUSP 115, 120, 121, 133, 134, 136, 138, 140, 141

Techniques: MUSC 140, 141, 151, 152, MUSE 130, 131, 160, 161, 180, 188, 189, 225, 230, 231, 288, MUSP 151

Studio: MUSC 120, 121, 130, 131

Musical Theatre: MUSE 170, 171, MUSP 170, 171, 173, 178, 181, 182, 281, 282

Career Development: MUSC 118, 170, 171, 172, 175, 177, 251, 271

Theatre

Technique: THEA 201, 202, 205, 206

Acting Styles: THEA 284, 292A, 292B

Film and Television: THEA 211A, 211B, 211C, 211D

Directing: THEA 241A, 241B

Writing for Stage and Screen: THEA 204A, 204B, 204C, 204D

Theatre Production: THEA 210*

Experimental Theatre: THEA 220, 221, 222, 294

Touring and Repertory: THEA 250, 290, 291, 293A, 293B

*This course may be repeated for credit.

Pass/No Pass Courses

Citrus College students may be evaluated on a Pass/No Pass grading basis in courses approved for Pass/No Pass grading by the Curriculum Committee. Pass/No Pass course options are designated in the Description of Courses section of this catalog by the symbol, Pass/No Pass or P/NP. A student must declare the Pass/No Pass option by the fourth Friday of a full semester or within 30 days of a term by filing a Pass/No Pass Petition in the Admissions and Records Office.

Standards for Pass/No Pass Courses

- A passing P grade is defined as C or better.
- Units are awarded and grade points are not assigned, and the grade is not used to compute grade point average.
- A No Pass NP grade is defined as less than satisfactory (D or F). Units are not earned and grades are not used to compute grade point average.

Pass/No Pass Limitations

- 12 units maximum
- Limit of one Pass/No Pass option per semester or session
- Courses exclusively evaluated on a Pass/No Pass grading basis are excluded from the 12-unit limitation (see course descriptions for details).

Credit by Examination

Individual departments and/or specialty areas may elect to grant course credit to enable students, who can demonstrate proficiency in bodies of subject matter, to plan a relevant educational program that will exclude courses in which essential levels of mastery of subject matter material have been previously attained. Credits acquired by examination are not applicable to meet unit load requirements for Selective Service deferment, Veteran's or Social Security benefits.

The examination shall include written, oral, skill tests, portfolio review or a combination of the aforementioned as determined appropriate by the department faculty.

Credits acquired by examination shall not be counted in determining the 12 semester hours of credit in residence required for an associate degree.

Credit by Examination shall be recorded on the permanent transcript record and shall be designated as credit earned by examination.

Students may earn a maximum of 12 units through district administered "Credit by Exam."

Credit by Examination/Locally Administered Examination

Citrus College may grant students course credit through district-administered examinations under the following conditions:

- The student is currently enrolled at Citrus College.
- The student's overall GPA in all college units attempted at Citrus College is 2.0 or higher.
- The student may not be currently enrolled (beyond the census date) in the same course.
- The student may not be currently enrolled in a more advanced course.
- The student has not already received credit for a more advanced course which follows the course in sequence. The student has not previously attempted credit by exam for this course.
- The course is listed in the college catalog.
- The course has been approved by the Curriculum Committee for "Credit by Examination" or is a high school articulated course.

Credit Through the College Level Examination Program (CLEP)

The District will grant up to six (6) units area, subject, or elective credit for a score of 50 or above in a general examination of the College Level Examination Program (CLEP) of the College Entrance Examination Board.

A student may be granted no more than 30 units through any combination of credit by examination (AP, CLEP, IB or local examinations) and evaluation of military service or other non-classroom experiences.

Credit by Examination – Articulated Career Technical Education Courses

A high school student may be issued Career Technical Education (CTE) course credit under the following conditions:

- An Institutional Articulation Agreement is in place between the college and the unified school district (USD)/ regional occupational program (ROP);
- A course-to-course articulation agreement has been approved by faculty and the course assessment has been administered as authorized;
- Instructional personnel responsible for the course have completed, and submitted, documentation and grade within 90 days of the administration of the exam;
- The student earned a grade of *B* or better on the authorized exam; and
- The student is registered at the college beyond the census date in at least one course and within nine months of exam administration.

Institutional and course-to-course articulation agreements, secondary course rosters/assessment results and CTE course credit documents are administered by the division dean responsible for Articulated Career Technical Education course credit/Tech Prep. Documentation that verifies the earning of credit by exam will be provided to Admissions and Records in a timely manner.

Ultimately, the transcript of the student registered at the college will reflect the awarding of credit during the semester it was earned.



*Man of the Year Tyler Hernandez and
Women of the Year Alejandra Morales, 2014*

Credit for Courses Taken at Other Colleges

Academic credits earned at other regionally accredited institutions are evaluated at the time of a student's initial enrollment at Citrus College. It is therefore important that the student request official transcripts from all colleges previously attended. These transcripts should be sent to the Admissions & Records Office.

A student who has taken coursework at institutions of higher learning outside of the United States and who wishes to have that coursework considered toward his/her educational goal at Citrus College must have the academic credentials evaluated by a bonafide independent evaluating Agency. A list of recommended agencies is available in the Admissions and Records Office.

Citrus College Credit by Externally Administered Examination

Students may earn credit for externally administered examinations under the following guidelines.

Credit by Examination – (Advanced Placement (AP), International Baccalaureate (IB) and College Level Examination Program (CLEP))

The student must be currently enrolled to receive externally administered credit by exam.

- **Advanced Placement**

The District will grant three to six (3 –6) units of area or elective credit for an examination score of three, four or five (3, 4 or 5) in subjects of the Advanced Placement (AP) program of the College Entrance Examination Board.

- **International Baccalaureate**

The District will grant three to four (3-4) units of area or elective credit for an examination score of five, six or seven (5, 6 or 7), in the subjects of the International Baccalaureate (IB) Higher Level exams. Subject credit rather than elective credit may be granted upon recommendation of the department.

- **Credit Through the College Level Examination Program**

The District will grant up to six (6) units area, subject, or elective credit for a score of 50 or above in a General Examination of the College Level Examination Program (CLEP) of the College Entrance Examination Board.

A student may be granted no more than 30 units through any combination of credit by examination (AP, CLEP, IB or local examinations) and evaluation of military service or other non-classroom experiences.



Citrus Junior College students in 1915, the college's inaugural year



Citrus College students in the 1980s

Citrus College Credit for Advanced Placement (AP) Tests

Students may earn credit for College Entrance Examination Board (CEEB) Advanced Placement (AP) Tests with scores of 3, 4, or 5. AP credit can be used to meet IGETC, CSU GE and A.A. general education (GE) and/or major requirements.

Students must have the College Board send AP exam results to the Admissions Office for use on the A.A. or GE patterns. **Course credit and units granted at Citrus College may differ from course credit and units granted by a transfer institution.**

| EXAM | Citrus Course Deemed similar by faculty AA/AS Internal Use Only | AA/AS GE Area and Units | CSU GE | CSU - UNITS EARNED TOWARD TRANSFER | IGETC | UC - UNITS EARNED TOWARD TRANSFER |
|--------------------------------|---|--|-------------------------------------|------------------------------------|--|--|
| Art History | Art 101 | C1. Arts 3 semester units | Area C1 or C2 3 semester units | 6 semester units | Area 3A or 3B 3 semester units | 8 quarter/5.3 semester units |
| Art (Studio) | No course equivalency Elective 3 semester units | N/A | N/A | 3 semester units | N/A | 8 quarter/5.3 semester units |
| Biology | Biology 105 | B1. Biology 4 semester units | Area B2 and B3 4 semester units | 6 semester units | Area 5B (with lab) 4 semester units | 8 quarter/5.3 semester units |
| +Calculus AB | MATH 190 | A3. Mathematics 3 semester units | Area B4 3 semester units | 3 semester units* | Area 2A 3 semester units | 4 quarter/2.7 semester units** |
| +Calculus BC | MATH 191 | A3. Mathematics 3 semester units | Area B4 3 semester units | 6 semester units* | Area 2A 3 semester units | 8 quarter/5.3 semester units** |
| +Calculus BC/ AB Subscore 4 | | 3 | 3 | 3 | | |
| Chemistry | Chemistry 110 | B2. Physical Science 4 semester units | Areas B1 and B3 4 semester units | 6 semester units | Area 5A (with lab) 4 semester units | 8 quarter/5.3 semester units |
| Chinese Language & Culture | No course equivalency 3 semester units | C2. Humanities 3 Semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| Computer Science A | CSIS 111 4 semester units* | N/A | N/A | 3 semester units** | N/A | 2 quarter/1.3 semester units*** |
| Computer Science AB | No course equivalency Elective | N/A | N/A | 6 semester units** | N/A | 4 quarter/2.7 semester units*** |
| AP CS EXAM LIMITATIONS | 3 semester units *maximum 6 semester units for both | | | **Maximum one exam toward transfer | | ***Maximum 4 quarter/2.7 semester units for both |
| Economics - Microeconomics | Economics 101 | D1. History/ Political Science 3 semester units | Area D2 3 semester units | 3 semester units | Area 4B 3 semester units | 4 quarter/2.7 semester units |

| EXAM | Citrus Course Deemed similar by faculty AA/AS Internal Use Only | AA/AS GE Area and Units | CSU GE | CSU - UNITS EARNED TOWARD TRANSFER | IGETC | UC - UNITS EARNED TOWARD TRANSFER |
|------------------------------------|---|--|---|--|--|--|
| Economics - Microeconomics | Economics 102 | D1. History/ Political Science 3 semester units | Area D2 3 semester units | 3 semester units | Area 4B 3 semester units | 4 quarter/2.7 semester units |
| English - Language & Composition | English 101 | AI. English Composition 3 Semester units | Area A2 3 semester units | 6 semester units | Area 1A 3 semester units | 8 quarter/5.3 semester units* |
| English - Literature & Composition | English 101 or ENGL 102 | AII. English Composition or C2. Humanities 3 Semester units | Area A2 and C2 6 semester units | 6 semester units | Area 1A or 3B 3 semester units | 8 quarter units/5.3 semester units* |
| AP ENGLISH EXAM LIMITATIONS | | | | | | *8 quarter/5.3 semester units maximum for both |
| ++Environmental Science | BIOL 145 | B1. Biological Science 3 Semester units | Area B2 and B3 (if taken prior to Fall 2009) or Area B1 and B3 (regardless of when taken) 4 semester units | 4 semester units | Area 5A (with lab) 3 semester units | 4 quarter/2.7 semester units |
| French Language | FRENCH 101 & 102 | C2. Humanities 3 Semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| French Literature | No course equivalency | C2. Humanities 3 Semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| German Language | German 101 & 102 | C2. Humanities 3 Semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| Government & Politics- Comparative | 3 semester units | D1. History/ Political Science 3 semester units | Area D8 3 semester units | 3 semester units | Area 4H 3 semester units | 4 quarter/2.7 semester units |
| Government & Politics - U.S. | Political Science 103 | D1. History/ Political Science | Area D8 and US 2* 3 semester units | 3 semester units | Area 4H 3 semester units | 4 quarter/2.7 semester units |
| | | | *Does not fulfill AHI California Government requirement | Student can satisfy the AHI requirement after transfer | | |
| History - European | No course equivalency | D1. History/ Political Science 3 semester units | Area C2 or D6 3 semester units | 6 semester units | Area 3B or 4F 3 semester units | 4 quarter/2.7 semester units |

| EXAM | Citrus Course Deemed similar by faculty AA/AS Internal Use Only | AA/AS GE Area and Units | CSU GE | CSU - UNITS EARNED TOWARD TRANSFER | IGETC | UC - UNITS EARNED TOWARD TRANSFER |
|-----------------------------------|---|---|-------------------------------------|--|--|--|
| History - U.S. | History 108 | D1. History/ Political Science 3 semester units | Area C2 or D6 3 semester units | 6 semester units | Area 3B or 4F 3 semester units | 8 quarter/5.3 semester units |
| History - World | No course equivalency | D1. History/ Political Science 3 semester units | Area C2 or D6 3 semester units | 6 semester units | Area 3B or 4F 3 semester units | 8 quarter/5.3 semester units |
| Human Geography | Geography 102 | D1. History/ Political Science 3 semester units | Area D5 3 semester units | 3 semester units | Area 4E 3 semester units | 4 quarter/2.7 semester units |
| Italian Language & Culture | No course equivalency | C2. Humanities 3 semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| Japanese Language & Culture | JAPN 101 & 102 | C2. Humanities 3 semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| Latin - Virgil | No course equivalency | C2. Humanities 3 semester units | Area C2 3 semester units | 3 semester units | Area 3B and 6A 3 semester units | 4 quarter/2.7 semester units |
| Latin - Literature | No course equivalency | C2. Humanities 3 semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 4 quarter/2.7 semester units |
| Music Theory | No course equivalency 3 semester units | n/a | Area C1 3 semester units | 6 semester units | N/A | 8 quarter/5.3 semester units |
| Physics B | Physics 110 | B2. Physical Science 4 semester units | B1 and B3 4 semester units* | 6 semester units* | Area 5A (with lab) 4 semester units | 8 quarter/5.3 semester units** |
| Physics C - Mechanics | No course equivalency | B2. Physical Science 3 semester units | Area B1 and B3 4 semester units* | 4 semester units* | Area 5A (with lab) 3 semester units | 4 quarter/2.7 semester units** |
| Physics C - Magnetism | No course equivalency | B2. Physical Science 3 semester units | Area B1 and B3 4 semester units* | 4 semester units* | Area 5A (with lab) 3 semester units | 4 quarter/2.7 semester units** |
| AP PHYSICS EXAM LIMITATIONS | | | | *Maximum 4 semester units toward GE and 6 semester units toward transfer | | **Maximum 8 quarter/5.3 semester units for both |
| Psychology | Psychology 101 | D2. Behavioral Science 3 semester units | Area D9 3 semester units | 3 semester units | Area 4I 3 semester units | 4 quarter/2.7 semester units |

| EXAM | Citrus Course Deemed similar by faculty AA/AS Internal Use Only | AA/AS GE Area and Units | CSU GE | CSU - UNITS EARNED TOWARD TRANSFER | IGETC | UC - UNITS EARNED TOWARD TRANSFER |
|--------------------|---|--|-----------------------------|------------------------------------|------------------------------------|-----------------------------------|
| Psychology | Psychology 101 | D2. Behavioral Science 3 semester units | Area D9 3 semester units | 3 semester units | Area 4I 3 semester units | 4 quarter/2.7 semester units |
| Spanish Language | Spanish 101 & 102 | C2. Humanities 3 semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| Spanish Literature | No course equivalency | C2. Humanities 3 semester units | Area C2 3 semester units | 6 semester units | Area 3B and 6A 3 semester units | 8 quarter/5.3 semester units |
| Statistics | MATH 165 | A3. Mathematics 3 semester units | Area B4 3 semester units | 3 semester units | Area 2 3 semester units | 4 quarter/2.7 semester units |

AP Placement Exam Notes:

AA: Students should be aware that AP test credit is evaluated by corresponding it to an equivalent Citrus course, e.g. History 107. A student who receives AP credit and then takes the equivalent Citrus course will have the unit credit for such duplication deducted prior to being awarded the A.A. degree. Credit by Advanced Placement exam is noted and listed on a student's transcript, with units assigned and no grade.

CSU GE: The Advanced Placement examinations may be incorporated into the certification of CSU General Education-Breadth requirements by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated General Education-Breadth area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of General Education-Breadth requirements.

IGETC: AP exams must be used in area indicated regardless of where the certifying CCC's discipline is located.

+If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate.

++Students who pass AP Environmental Science earn 4 units of credit. Tests prior to fall 2009 may apply to either B1+B3 or B2+B3 of GE Breadth. For tests taken prior to fall of 2009 or later, those credits may only apply to B1+B3.

+++If a student passes more than one AP exam in physics, only six units of credit may be applied to the baccalaureate, and only four units of credit may be applied to a certification in GE Breadth.

Citrus College Credit for International Baccalaureate Exams

Students can earn IB credit with minimum score of 5, except where noted.*

| EXAM | A.A. Degree | CSU GE | CSU - UNITS EARNED TOWARD TRANSFER | IGETC | UC - UNITS EARNED TOWARD TRANSFER |
|---|---|-----------------------------------|------------------------------------|---|-----------------------------------|
| IB BIOLOGY HL | IB BIOLOGY AREA B. NATURAL SCIENCES 3 semester units | AREA B2 3 semester units | 6 semester units | AREA 5B (without lab) 3 semester units | 5.3 semester units |
| IB CHEMISTRY HL | IB CHEMISTRY AREA B. NATURAL SCIENCES 3 semester units | AREA B1 3 semester units | 6 semester units | AREA 5A (without lab) 3 semester units | 5.3 semester units |
| IB ECONOMICS HL | IB ECONOMICS AREA D. HISTORY POLITICAL SCIENCE 3 semester units | AREA D2 3 semester units | 6 semester units | AREA 4B 3 semester units | 5.3 semester units |
| IB GEOGRAPHY HL | IB GEOGRAPHY AREA D. HISTORY/POLITICAL SCIENCE 3 semester units | AREA D5 3 semester units | 6 semester units | AREA 4E 3 semester units | 5.3 semester units |
| IB HISTORY (ANY REGION) HL | IB HISTORY AREA D. HISTORY/POLITICAL SCIENCE 3 semester units | AREA C2 OR D6 3 semester units | 6 semester units | AREA 3B OR 4F 3 semester units | 5.3 semester units |
| IB LANGUAGE A1 (ANY LANGUAGE EXCEPT ENGLISH) HL | IB LANGUAGE A1 (ENGLISH) AREA C. HUMANITIES 3 semester units | | | AREA 3B +6A 3 semester units | 5.3 semester units |
| IB LANGUAGE A2 (ANY LANGUAGE EXCEPT ENGLISH) HL | IB LANGUAGE A1 (ANY OTHER LANGUAGE) AREA C. HUMANITIES 3 semester units | | | AREA 35 + 6A 3 semester units | 5.3 semester units |
| *IB LANGUAGE A1 (ANY LANGUAGE) HL | IB LANGUAGE A2 (ENGLISH) AREA C. HUMANITIES 3 semester units | AREA C2* 3 semester units | 6 semester units* | AREA 3B 3 semester units | 5.3 semester units |
| *IB LANGUAGE A2 (ANY OTHER LANGUAGE) HL | IB LANGUAGE A2 (ANY OTHER LANGUAGE) AREA C. HUMANITIES 3 semester units | NA/A 0 units | 6 semester units* | AREA 3B 3 semester units | 5.3 semester units |
| *IB LANGUAGE B (ANY LANGUAGE) HL | IB LANGUAGE B (LANGUAGE OTHER THEN ENGLISH) AREA C. HUMANITIES 3 semester units | NA/A 0 units | 6 semester units* | AREA 6A 3 semester units | 5.3 semester units |
| IB MATHEMATICS HL | IB MATHEMATICS AREA A2 MATHEMATICS 3 semester units | AREA B4* 3 semester units | 6 semester units* | AREA 2A 3 semester units | 5.3 semester units |
| IB PHYSICS HL | IB PHYSICS AREA B. NATURAL SCIENCES 3 semester units | AREA B1 3 semester units | 6 semester units | AREA 5A (without lab) 3 semester units | 5.3 semester units |
| IB PSYCHOLOGY HL | IB PSYCHOLOGY AREA D. SOCIAL/BEHAVIORAL SCIENCES 3 semester units | AREA D9 3 semester units | 3 semester units | AREA 4I 3 semester units | 5.3 semester units |
| IB THEATRE HL | IB THEATRE AREA C ARTS 3 semester units | AREA C1* 3 semester units | 6 semester units* | AREA 3A 3 semester units | 5.3 semester units |

IB Exam Notes:

* a minimum of score of 4 is needed for CSU credit

CSU GE: The IB examinations may be incorporated into the certification of CSU General Education-Breath requirements by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated General Education-Breath area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of General Education-Breath requirements. CSU policy can be found at: <http://www.calstate.edu/AcadAff/coded-memos/AA-2009-11.pdf>

IGETC: IB exams must be used in area indicated regardless of where the certifying CCC's discipline is located. Students who have earned credit from an IB exam should not take a comparable college course because transfer credit will not be granted for both.

The IGETC policy for IB credit can be found at: http://www.asccc.org/icas/Docs/Final%20IGETC_Standards_v1_1_06-04-09.pdf

UC credit earned for transfer and for individual campuses can be found at: <http://universityofcalifornia.edu/educators/counselors>

CLEP Examinations

Citrus College will give CLEP credit in selected areas. Course credit will not be granted, however, when it duplicates previous course work. A student must be actively enrolled and have completed 12 units at Citrus College when applying for credit by CLEP exam. CLEP credit may not be used to meet any residency requirement. Official CLEP scores must be sent to the office of Admissions and Records.

| CLEP EXAM | Citrus passing score | Citrus comparable course or elective | Units | CSU passing score | Minimum semester credits earned | Semester credits towards GE breadth | American institutions and/or GE breadth area |
|---|----------------------|--------------------------------------|-------|-------------------|---------------------------------|-------------------------------------|--|
| American Government | 50 | POLI 103 | 3 | 50 | 3 | 3 | D8 |
| American Literature | 50 | Humanities Elective | 3 | 50 | 3 | 3 | C2 |
| Analyzing and Interpreting Literature | 50 | Humanities Elective | 3 | 50 | 3 | 3 | C2 |
| Biology | 50 | Biology Elective | 3 | 50 | 3 | 3 | B4 |
| Calculus | 50 | Math 190 | 4 | 50 | 3 | 3 | B1 |
| Chemistry | 50 | CHEM 110 | 5 | 50 | 3 | 3 | B4 |
| College Algebra | 50 | Math 170 | 4 | 50 | 4 | 4 | B4 |
| College Algebra –Trigonometry | 50 | Math 170 | 4 | 50 | 4 | 4 | n/a |
| College of Mathematics | 50 | n/a | 0 | 50 | 0 | 0 | n/a |
| English Composition (no essay) | 50 | n/a | 0 | 50 | 0 | 0 | n/a |
| *English Composition with Essay | 50 | *ENGL 101 | 0 | 50 | 0 | 0 | n/a |
| English Literature | 50 | Humanities Elective | 3 | 50 | 3 | 3 | n/a |
| Financial Accounting | 50 | Business Elective | 3 | 50 | 3 | 0 | n/a |
| French Level I | 50 | Humanities Elective | 3 | 50 | 6 | 0 | C2 |
| French Level II | 50 | Humanities Elective | 3 | 50 | 12 | 3 | n/a |
| Freshman College Composition | 50 | n/a | 0 | 50 | 0 | 0 | n/a |
| German Level I | 50 | GER 101 | 5 | 50 | 6 | 0 | C2 |
| German Level II | 50 | GER 102 | 5 | 50 | 12 | 3 | D6+US-1 |
| History, United States I | 50 | HIST 107 | 3 | 50 | 3 | 3 | D6+US-1 |
| History, United States II | 50 | HIST 108 | 3 | 50 | 3 | 3 | E |
| Human Growth and Development | 50 | Behavioral Science Elective | 3 | 50 | 3 | 3 | C2 |
| Humanities | 50 | HUM 101 | 3 | 50 | 3 | 3 | n/a |
| Information Systems and Computer Applications | 50 | CIS 130 | 3 | 50 | 3 | 0 | |
| Intro to Educational Psychology | 50 | Behavioral Science Elective | 4 | 50 | 3 | 0 | n/a |
| Intro Business Law | 50 | Business Elective | 3 | 50 | 3 | 0 | n/a |
| Introductory Psychology | 50 | Behavioral Science Elective | 3 | 50 | 3 | 3 | D9 |
| Introductory Sociology | 50 | Behavioral Science Elective | 3 | 50 | 3 | 3 | D0 |
| Natural Sciences | 50 | Science Elective | 3 | 50 | 3 | 3 | B1 or B2 |
| Pre-Calculus | 50 | n/a | 3 | 50 | 3 | 3 | B4 |
| Principles of Accounting | 50 | Business Elective | n/a | 50 | 3 | 0 | n/a |
| Principles of Macroeconomics | 50 | History/Political Science Elective | 3 | 50 | 3 | 3 | D2 |
| Principles of Management | 50 | BUS 175 | 3 | 50 | 3 | 0 | n/a |
| Principles of Marketing | 50 | BUS 185 | 3 | 50 | 3 | 0 | n/a |
| Principles of Microeconomics | 50 | History/Political Science Elective | 3 | 50 | 3 | 3 | D2 |
| Social Sciences and History | 50 | n/a | n/a | 50 | 0 | 0 | n/a |
| Spanish Level I | 50 | SPAN 101 | 5 | 50 | 6 | 0 | n/a |
| Spanish Level II | 50 | SPAN 102 | 5 | 50 | 12 | 3 | C2 |
| Trigonometry | 50 | MATH 151 | 4 | 50 | 3 | 3 | B4 |
| Western Civilization I | 50 | History Elective | 3 | 50 | 3 | 3 | C2 or D6 |
| Western Civilization II | 50 | History Elective | 3 | 50 | 3 | 3 | D6 |

1. CLEP exams **CANNOT** be used to meet requirements for the IGETC.
2. UC **DOES NOT** accept CLEP exams.
3. If a student passes more than one CLEP test in the same language other than English (e.g., two exams in French), then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered "Level I" and earns nine quarter units of baccalaureate credit; the higher score listed for each test is considered "Level II" and earns additional units of credit and placement in Area C2 of GE Breadth, as noted.
4. * **ENGL Composition with essay** may fulfill the ENGL COMP Requirement here at Citrus but it **CANNOT** be used to fulfill the ENGL Composition

How Does Citrus College Recognize High Achievement?

Honors Programs and Recognition

Academic Honors

Every fall and spring semester a press release is sent to the local media, on behalf of each member of the board of trustees, listing each student from their area who earned a place on the President's List and the Dean's List. Academic honors criteria are presented in the Evaluating Academic Progress section.

Achievement Awards

Every year, Citrus College hosts its Academic Achievement Awards, an awards ceremony in honor of the college's top students. Awards are given to the Man of the Year and the Woman of the Year; the Male Athlete of the Year and the Female Athlete of the Year.

At the Achievement Awards, the college's highest academic honor, the Keys of Knowledge, are awarded to the 10 students who have achieved Citrus' highest overall academic performance. Students who have demonstrated high academic performance in a given department are also honored with the Distinguished Student Awards.

Honors at Graduation

Citrus College graduates are recognized at Commencement for their permanent membership in the Alpha Gamma Sigma, Phi Theta Kappa and Psi Beta honor societies. In addition, students who earn a cumulative GPA of 3.30 or more in all college work, at Citrus College and at other colleges and universities, are recognized for Highest Honors, 3.80-4.00 GPA; High Honors, 3.60-3.79 GPA; and Honors, 3.30-3.59 GPA.

Due to the scheduled dates of Commencement and spring semester final exams, Honors at Graduation GPAs do not reflect spring semester grades.

Honors Program

The Honors Program is for highly motivated students and provides a unique learning environment emphasizing scholastic excellence. The objective of the program is to better prepare students for transfer to a four-year institution and to complete a bachelor's degree.

To enter the Honors Program, a student must have a minimum grade point average of 3.25 and be eligible for English 101.

Honors coursework enhances a student's ability to read, write, and think critically about current topics.

Other program benefits include:

- A variety of courses that meet UC, CSU and private university transfer requirements
- Enhanced transfer opportunities
- Interaction with highly motivated students
- Smaller class sizes
- Honors classes and program participation noted on Citrus College transcripts
- Scholarship opportunities

Honor Societies

Alpha Gamma Sigma

Alpha Gamma Sigma (AGS) is the honor scholarship society of the California Community Colleges. Its purpose is to encourage students to achieve the highest degree of development in scholastic, leadership, and community service endeavors while attending Citrus College.

AGS membership is renewed each semester and is based on GPA and number of units completed. After completing three semesters of membership, students may be eligible for lifetime or permanent membership. For additional information, visit the AGS website www.ags-honor.org

Phi Theta Kappa

Phi Theta Kappa, an international honor society of two-year colleges, is the world's largest and most prestigious honor society serving two-year colleges. Eligibility is based on GPA, number of units completed and membership fees.

The organization offers many opportunities for scholarships, intellectual enrichment and personal development through programs based on Phi Theta Kappa's four hallmarks of scholarship, leadership, service and fellowship.

In recent years, Phi Theta Kappa members from Citrus College have achieved prominence in Phi Theta Kappa at the state level, through their rankings on the organization's academic teams. For more information, visit www.ptk.org

Psi Beta

Psi Beta® is the psychology national honor society for community and junior colleges. Its mission is professional development of psychology students through promotion and recognition of excellence in scholarship, leadership, research, and community service.

Who Records My Grades and Credits?

Policies Regarding Academic Records

What Are Academic Records?

Academic records consist of student files maintained by Admissions and Records, Counseling and Assessment, Financial Aid, and individual departments.

Academic Renewal

Past performance does not always accurately reflect a student's current ability. Therefore, Citrus College has a policy of academic renewal without course repetition so students may achieve their educational goals in spite of past poor performance.

Criteria for Academic Renewal

Students may request academic renewal as a means to achieve the educational goals of graduation from Citrus College, completion of certificate programs, and/or transfer to a four-year college or university. It is not applicable to students who wish to raise their grade point averages beyond these stated goals.

1. Only units taken at Citrus College may be disregarded, not units from other colleges.
2. A maximum of 24 units may be alleviated from not more than three terms of work.
3. A minimum of 18 months must have elapsed since the end of the term of substandard work to be disregarded.
4. In the most recent work completed after the work to be disregarded, a minimum of 15 units must be completed at any accredited college or university, with a grade point average of a 3.0, or 30 units with at least a 2.5 GPA, or 45 units with at least a 2.0 GPA. In cases where the criteria set



Commencement, 2014

forth herein have been verified, the academic renewal petition will be granted and the dean of admissions and records or his/her designee will make the proper annotation on the student's permanent record.

5. A student may only be granted academic renewal once.
6. Only substandard grades of D, F, FW, NC, or NP can be disregarded.
7. A student that received a degree or certificate at Citrus College may not academically renew courses used to meet the graduation requirements for that degree/certificate.

Academic renewal by Citrus College does not guarantee that other institutions will honor the elimination of units from consideration in the grade point average. It is a student's responsibility to confirm with a transfer institution whether academic renewal will be accepted.

When academic renewal is approved, the student's permanent academic record shall be annotated in such a manner that all work remains legible, ensuring a true and complete academic history.

If the student has been granted academic renewal by another accredited college, such action shall be honored under this policy. However, the number of semester units allowed to be disregarded will be reduced by the number previously disregarded.

Transcripts

See Admission, Registration and Matriculation sections.

Challenge of Educational Records

See Grievance Procedures

Where Do I Find Help and How Do I Become Involved?

Student Services and Student Life

Admissions and Records

The Admissions and Records Office, located on the first floor of the Student Services Building, is the gateway to Citrus College. The office processes applications, registrations and grades.

Admissions and Records is the official custodian of student records, which include but are not limited to demographic information, academic history, and data mandated by the California Community Colleges Chancellor's Office and other government agencies.

Athletics: The Fighting Owls

Citrus College is a member of the Western State Conference and Southern California Football Alliance. Intercollegiate sports include basketball, football, golf, cross country, water polo, soccer, baseball, softball, swimming and volleyball. In accordance with Equity in Athletics Disclosure Act of 1994, for information concerning Citrus College intercollegiate athletic programs contact the Citrus College athletic director.

Competitive Athletics Eligibility

All athletes prior to their first season of competition at Citrus College must have official high school and college transcripts on file in admissions to receive final eligibility certification. The California Commission on Athletics governs Citrus College's athletic eligibility rules. To be eligible, a student athlete must:

1. Enroll in a minimum of 12 units during participation in a sport. Nine of these units must be in academic courses. Class attendance is required.

2. Second-season student athletes must pass 24 semester units, 18 of which must be in academic courses, before participating in the same sport. A 2.0 GPA (cumulative) is required.

Student athletes who transfer and have participated in intercollegiate athletics at another college are required to:

1. Complete 24 semester units, 18 of which must be in academic courses;

or

Complete 36-quarter units, 27 of which must be in academic classes, before being eligible for a second season of participation. A 2.0 GPA (cumulative) is required.

2. Student athletes transferring from a California community college who participated in intercollegiate athletics must complete 12 units in residence prior to the beginning of the semester of competition.
3. Student athletes transferring from an out-of-state community college must be eligible to participate in the upcoming season if they were to remain at that institution.

Student athletes who plan to transfer to a four-year college must follow specific transfer eligibility requirements. An athletics counselor is available to advise student athletes to ensure they follow the athletic academic plan, established by the Counseling and Advisement Center.

Bookstore Services

Students are required to purchase books and supplies needed for their courses. To meet this need, the Owl Bookshop is owned and operated by Citrus College as a service to students, faculty and staff with the purpose of making educational materials and related items available at an economical cost. Profits from its operation are used to fund staff, activities, grants and scholarships, equipment purchases and campus improvements.

Information about required textbooks for each class is available for students to access through the online class schedule. For more information call 626-914-8620.

Prices and information on educational materials are subject to change at any time. Citrus College and the Owl Bookshop cannot assume any responsibility for errors on listed information unless the books purchased in error are purchased from the Owl Bookshop. Such purchases are subject to the normal Owl Bookshop return policy. Availability of used course materials is not guaranteed. Please be careful how you use the information presented on our Web pages.

The Owl Bookshop sells new and used textbooks at a price designed to cover the costs of operating the bookstore and meeting all other required financial obligations. This price includes all expenses associated with bookstore operations and personnel. (AB 1548)

The Owl Bookshop accepts MasterCard, VISA, Discover, American Express, cash, ATM or personal check with a valid California Driver's License. Books and supplies may also be purchased online at www.owlbookshop.com

The bookshop is located adjacent to the Campus Center; hours of operation and textbook information are listed at www.owlbookshop.com

Refund Policy

Books purchased for any current semester session may be returned for refund as indicated on the refund policy received at the time of purchase. The books must be in the same condition as when originally purchased. Do not mar, damage or write in your books. A cash register receipt, proof of registration and student ID are required for all refunds.

Students are encouraged to sell their books back during finals through "BUY BACK." A used book company purchases books needed by the bookstore at a percentage of the new book price.

The used book company also buys other books with a current market value at a wholesale price. Proof of registration and student ID are required. The bookstore cannot guarantee the buy back of any book.

CalWORKs

California Work Opportunity and Responsibility for Kids (CalWORKs) is the state's welfare-to-work program for families with children that are receiving Temporary Aid for Needy Families (TANF). The Citrus College CalWORKs Program works in collaboration with the Department of Public Social Services to assist students with education, training, and job skills.

Citrus College provides short-term training programs to help CalWORKs students enhance their skills and/or develop new skills in order to find employment and become self-sufficient. CalWORKs students receive assistance with completion of county paperwork, child care, work-study job placement, and referrals to community resources.

Additionally, CalWORKs students have the opportunity to establish education and career paths, which will help them as they transition off of cash aid.

Campus Safety

Campus Safety ensures the safety of students, faculty, staff and visitors while they are on campus property or involved in college-sponsored programs and activities, as well as protects district property and facilities.

Campus Safety officers patrol the campus 24 hours a day, 7 days a week, and they have the authority to enforce the Standards of Conduct.

According to the Education Code, Campus Safety is the liaison with local law enforcement agencies in all criminal action cases. Therefore, in the event of an emergency, individuals should promptly report the incident to Campus Safety. It is Campus Safety's responsibility to contact police agencies.

Campus Safety has the authority to enforce the sections of the Penal Code, California Vehicle Code, Education Code, Board Policies and Administrative Procedures, and the Standards of Student Conduct. Campus Safety serves as the Citrus College liaison with local police departments in all cases of criminal actions. Any action which is a

violation of the Penal Code of the State of California must be reported to the local police. The campus emergency procedures publication states that students and employees should make a prompt and accurate report to Campus Safety in the event of an emergency. It is their responsibility to make contact with police agencies.

Campus Safety also provides a safety escort for any member of the college community from dusk until dawn. These escorts are for safety, not convenience.

Cashier

See Cashier/Bursar's Offices on page 60.

Center for Teacher Excellence (CFTE)

Citrus College's Center for Teacher Excellence helps students who are interested in teaching build an educational plan that best suits their interests and goals. Students receive academic advising and counseling; preparation for the CBEST and CSET examinations; financial aid and scholarship assistance; and help with university transfer applications. Students also receive networking opportunities through the student chapter of the California Teachers Association and other professional organizations.

Students who utilize the services offered by the Center for Teacher Excellence develop core competencies in communication; as well as creative, critical, and analytical thinking (problem solving and decision making).

Counseling and Advisement Center

The Counseling and Advisement Center is located on the second floor of the Student Services Building. Professional counselors and educational advisors are available by appointment to assist students in their educational, vocational and personal matters. Consistent use of counseling and advisement is necessary due to the frequent changes in requirements and recommendations for colleges and universities, as well as, new developments in career opportunities.

Students are encouraged to meet with a counselor after completing 15 semester units of degree applicable credit course work or prior to the end of the third semester to develop an education plan. This plan will list the courses needed to complete your educational goal. In addition, courses in college planning, career exploration, decision-making and communication are taught by counselors to assist students.

Career counselors help students explore occupations and career fields using comprehensive printed and computerized resources. Through workshops as well as individual counseling, our staff can help you decide on a career field and prepare you for the job market. Career assessments are available to help you identify which occupations and/or work environments are a good fit for you. Through various activities you will gather information about yourself in order to make an informed career decision.

Disabled Students Programs & Services (DSP&S)

DSP&S provides support to students who have a verifiable disability that limits one or more

major life activities. Students with a physical disability, visual impairment or auditory impairment, psychological disability, permanent or temporary health concerns, or a learning disability can receive assistance from specialized personnel. Services and instructional support may include:

- Adapted testing
- Adapted physical education
- Adaptive computer technology
- Campus referrals
- Citrus College web accessibility
- Closed-captioned videotapes
- Community liaisons
- Electronic textbooks
- In-class and laboratory assistance
- Instructor liaisons
- Note taker service
- Registration assistance
- Reader service
- Sign language interpreting
- Specialized counseling
- Specialized equipment

New students should contact the DSP&S Office before enrolling to allow sufficient time to arrange for requested services.

EOP&S/CARE

Extended Opportunity Programs & Services/Cooperative Agencies Resources for Education (EOP&S/CARE) helps community college students from economically and educationally disadvantaged backgrounds achieve their academic and career goals. The support services consist of information and assistance in admissions, enrollment, financial aid, assessment, and selecting a major and/or a career.

EOP&S also provides:

- Support services such as priority registration, textbook purchase assistance, career test fee waivers, tutoring and self-development workshops
- Outreach to high schools, community-based organizations and agencies
- Peer advising designed to retain students using mentors and positive role models
- Counselors and educational advisors who provide academic and personal counseling
- Referrals to other services available on campus and in the community
- A six-week Summer Bridge program where potential
- students from local high schools attend class, learn college success strategies and take field trips.

The CARE Program, established by the California Legislature (AB 3103), assists EOP&S students who are single parents on public assistance with at least one child under the age of 14.

Through CARE, students receive supplemental educational support services, such as counseling, advisement and peer networking activities specifically designed for low-income, single parents.

In addition, CARE provides grants and allowances for child care, transportation, textbooks, and supplies to ensure strong retention, persistence and transfer rates among their students as they work to achieve their chosen objectives, which include obtaining vocational certificates of achievement or licenses, earning an associate degree, and/or transferring to a four-year college or university.

Financial Aid

The Financial Aid Office is responsible for initiating, monitoring, and disbursing federal and state funds. These programs are provided to students in the form of grants, scholarships, employment, and loans.

Federal and state financial aid programs are designed to assist all eligible Citrus College students. The intent of these programs is to help students who are pursuing post-secondary education and who have not earned their first bachelor's degree pay for their college education.

Students should apply for financial aid as soon as possible after January 1 and preferably before March 2 of every year. Do not procrastinate. Many students underestimate the time it takes to prepare for college. It is important that both the student and the Financial Aid Office have enough time to prepare and process the applications in a timely manner.

In order to apply for federal financial aid, all of the following requirements must be satisfied:

1. Citizenship: Financial aid applicants must be a U.S. citizen, a U.S. national, or an eligible non-citizen.
 - a. Eligible non-citizens include: U.S. permanent residents with an I-551 Card; Conditional Permanent residents with an I-551 Card; Applicants with an Arrival-Departure Record (I-94) with one of the following designations: "Refugee," "Asylum Granted," "Parole," or "Cuban-Haitian Entrant." b. A student who is in the U.S. on an F1 or F2 student visa, a J1 or J2 exchange visitor visa, or a G series visa, is not eligible for Federal Student Aid.
2. Students must have a valid Social Security number.
3. Males born after 12/31/1959 must register with Selective Service. Call 1-847-688-6888 or go online to: www.sss.gov for registration guidelines or to verify registration.
4. A high school diploma, GED, or high school equivalency. First time college students who do not have a high school diploma or General Education Diploma (GED), or who have not passed the California Proficiency Exam (CPE), or who do not have a home school certificate are NOT eligible for federal or state financial aid.
5. Financial aid applicants must be undergraduate students enrolled in a program that leads to a certificate, associate degree, or transfer program. **Students who hold a bachelor's degree or higher are not eligible for Federal Pell Grants or Cal Grants.**
6. Students must not owe a refund to any institution for grants received; nor be in loan default in a Stafford or Perkins Loan.
7. Maintain Satisfactory Academic Progress (SAP) as defined by the Financial Aid Office.

8. Demonstrate financial need, which is determined by the Financial Aid Office and based on the college's cost of attendance (COA) minus Expected Family Contribution (EFC), as defined by the federal methodology.

Financial Aid Return to Title IV (R2T4) Policy

Title IV funds are awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. When a student withdraws, the student may no longer be eligible for the full amount of Title IV funds that the student was originally scheduled to receive. If the amount disbursed to the student is greater than the amount the student earned, called Title IV Overpayment, the unearned funds must be repaid within 45 days from the date of notification. Any unpaid balance is reported to the Department of Education for collection.

In addition to calculating what percent of aid the student earned, the Department of Education requires the college to calculate any institutional charges (fees) that the college must repay the Department of Education. Any cost that the college is required to repay the Department of Education will be billed to the student as an Institutional Debt. This debt is in addition to any Title IV Overpayment the student may owe. Until the balance is paid, a hold will be placed on the student's account preventing registration and access to their Citrus College transcript.

Citrus College collects liabilities through a program called Chancellor's Office Tax Offset Program (COTOP). COTOP authorizes the California State Franchise Tax Board (FTB) to offset the amount owed to the District from the debtor's personal state income tax, lottery winnings or other state refunds. If the student owes money to the District and payment is not received, the District will submit that student debt to COTOP for collection, including Institutional Debt. In addition to the amount owed to the District, students will also be assessed the 25% collection fee charged by COTOP. Students should refer to the Bursar's or Cashier's Office webpage for additional payment information about COTOP.

The Financial Aid Office will recalculate Pell grant eligibility each semester on the published recalculation dates. Students who failed to maintain enrollment in the number of units they were paid for on the dates noted will be required to repay the difference in their Pell grant eligibility. The amount of financial aid eligibility will be based on the units students are enrolled in on this date (see important dates and deadlines on the financial aid web page for freeze dates). Students who add classes after this date will not receive aid for the late added classes. Students who dropped classes on or prior to this date and received funding in excess of their current enrollment status and will be required to repay the over award based on their enrollment on this date. NO adjustments to financial aid awards will be made after this date. This repayment is in addition to any Return to Title IV Calculations indicated below as a result of dropping all classes.

For Students Who Meet All of the Requirements

Students, who meet all of the above-stated requirements, should complete the Free Application for Federal Student Aid (FAFSA). Apply online at www.fafsa.gov. Citrus College's Federal School Code is **001166**. **It is important to apply early; applications are accepted as early as January 1.**

Once the student has successfully completed the FAFSA, they should follow up with the Financial Aid Office to check their application status. Students can also review their application status through their WingSpan account. **The student's Citrus College e-mail account must be activated.** This is the main source of communication between the financial aid office and student.

The Financial Aid Office may request some or all of the following:

- Student and/or parents' IRS tax return transcript with W-2's
- Proof of untaxed income
- Social Security Card(s)
- Other information that pertains to financial income
- Official academic transcripts from all school previously attended

When determining financial aid eligibility, several factors are taken into consideration, such as:

- Taxed and non-taxed family income
- Investment(s)
- Taxes paid
- Household size
- Number of family members in college

How to Apply for Financial Aid/Filing the FAFSA

A student can apply for financial aid through the Internet. Go to www.fafsa.gov. A Personal Identification Number (PIN) will be required for both the student and the parent of dependent students. Visit www.pin.ed.gov to apply for a PIN.

The Financial Aid Office staff is available to assist students with filling out their FAFSA application online in English and Spanish.

Students who complete the FAFSA may qualify for one or more of the following programs:

Federal Programs

The following federal programs are grants, which do not have to be repaid:

- The **Federal Pell Grant** is for students who have been determined eligible based on the federal methodology. This program assists students who have not earned a bachelor's degree.
- **The Federal Supplement Educational Opportunity Grant (FSEOG)** is for eligible students with exceptionally high financial need. Students must be Pell Grant eligible to receive FSEOG.
- **Federal Work Study (FWS)** may be awarded to students who declared on their FAFSA that they are interested in FWS. It provides students with an opportunity to earn funds through on or off campus jobs.
- **Loans** are awarded to students based on eligibility and must be repaid. Direct Loans (**subsidized and unsubsidized**) are awarded to students who apply and have successfully completed their financial aid application (FAFSA).

State Programs

AB540—The California Dream Act, comprising state laws AB 130 and AB 131, have extended eligibility for certain types of institutional and state aid to students, including undocumented students, who qualify for nonresident tuition exemption under AB 540. Eligible students are able to receive the BOG Fee Waiver, the Cal Grant, Chaffee Grant, and EOP&S. To learn more about the California Dream Act, please visit the **California Student Aid Commission's website**.

The Board of Governor's Fee Waiver (BOGFW) is a fee waiver designed for students who are California residents, as well as AB540 students, and demonstrate financial need.

Cal Grants are designed to assist students from low and middle income families to help pay for the students' educational expenses. These grants are sponsored by the California Student Aid Commission (CSAC). Eligibility is based on a student's grade point average (GPA), student/parent(s) income, and the student's course of study. To be eligible students must complete a FAFSA and meet the Cal Grant deadline, which is March 2 of every year. AB 540 students are eligible to apply for Cal Grants. Funding availability depends on state budget.

Chafee Grants

If you are or were in foster care and have financial need, you may qualify for up to \$5,000 a year for career and technical training or college. You don't have to pay this money back. You may also be able to use your grant to help pay for child care, transportation and rent while you're in school. You can use your Chafee Grant at any eligible

California college or university or career or technical school, as well as schools in other states.

To qualify, you must be a current or former foster youth and not have reached your 22nd birthday as of July 1 of the award year. The court must have established your dependency when you were between the ages of 16 and 18. (KinGap youth, adopted youth, guardian placement, and voluntary placement may not be eligible for the Chafee Grant, unless court dependence was established, at anytime, between the ages of 16 and 18). The California Department of Social Services will verify your foster youth eligibility status.

Scholarships

Through its Foundation, Citrus College also offers a variety of scholarships that are available for new, continuing, and transferring students. Citrus College students are also encouraged to apply for scholarships available from outside sources. For more information on scholarship opportunities, please visit the Financial Aid Office or go online to:

www.citruscollege.edu/stdntsrvt/finaid
www.collegeboard.com
www.collegenet.com
www.college-scholarships.com
www.salliemae.com
www.supercollege.com
www.usafunds.org

Other Sources

Students are invited and encouraged to contact the Financial Aid Office.

Citrus College
 Financial Aid Office
 Location: Student Services
 Building, First Floor
 (626) 914-8592

financialaid@citruscollege.edu
www.citruscollege.edu/stdntsrvt/finaid

U.S. Department of Education
 1-800-4FED-AID
 (1-800-433-3243)
 Monday through Friday,
 8:00 a.m. and 8:00 p.m. EST.
www.ed.gov
 1-800-730-8913
 (Hearing Impaired)

Veterans Benefits

Veterans benefits information is available at the Veterans Success Center, located in the IC building.

Citrus College is an approved, degree granting institution for veterans and their eligible dependents. The United States Code (Title 38, Chapters 30, 31, 35, 1606 and 1607) provides academic and career training opportunities for veterans. Citrus College invites and urges eligible students to take advantage of the support services available to veterans.

Citrus College cooperates with the Veterans Administration and with the California State Bureau of Vocational Rehabilitation to help veterans and their eligible dependents achieve their educational and vocational goals. Our program is recognized by the Bureau for Private Postsecondary and Vocational Education in the Department of Consumer Affairs for Veterans Education Benefits.

How to Receive Veterans Benefits

1. Submit an application for admission to Citrus College; www.citruscollege.edu/ar
2. Forward official transcripts of all previous college or university work completed and military service credits to Citrus College. Transcripts

must be evaluated within the first two terms of enrollment, in order for a student to continue receiving Montgomery GI Bill (MGIB) benefits.

3. Meet with a Citrus College veterans counselor, who helps students develop a Student Educational Plan (SEP). It is important that the counseling staff knows a student's veterans status in order to assign him/her to someone experienced in helping veterans.
4. Apply for financial aid.
5. Submit the application for VA educational benefits, including member copy 4 of DD-214.
6. Reserve and National Guard personnel must submit a Notice of Basic Eligibility (VA form DD-2384), which is issued by the student's reserve or guard unit.
7. Submit all VA educational benefits paperwork to the Veterans Success Center, located in the IC Building, (626) 852-6421.

Additional Information Regarding VA Benefits

Applications for VA benefits will not be processed until all college transcripts have been received and the previously listed procedures have been completed. Students receiving GI benefits for the first time must allow eight to 10 weeks from the processing date to receipt of the first check. If you are currently in the military, or were discharged within the past four years, you are eligible for priority registration. An active duty military ID card or DD 214 are required for verification.

The Veterans Administration holds both the college and the recipient liable for overpayments. Overpayments commonly occur due to:

- Failure to process a Program Change Form when dropping a course. The Veterans Administration considers the recipient ineligible to receive benefits after the last date of attendance.
- Failure to report to the veterans clerk any change in a student's number of units or change of address
- Repetition of a course in which a satisfactory grade (C or better) was received
- If a student receives an overpayment, the Veterans Administration will automatically stop further payment until the entire amount due has been repaid.

Veterans will receive a letter requesting repayment if the following categories apply:

- Enrollment in fewer than 6 units and receiving benefits under Chapters 30, 31, 35, 1606
- Under Chapter 33, students can take all Distance Ed classes at a reduced amount according to units and percentage. Under Chapter 33, students taking under 6 units will get paid for tuition/fees and book stipend only, not entitled to BAH.
- Officially withdrawn from the college

Hardship

In the case of hardship, a veteran may apply to the Veterans Administration to arrange for repayment of the debt with as little inconvenience as possible.

Academic Eligibility

If a VA student's cumulative grade point average remains below 2.0 for two consecutive terms, the student will not be certified for VA educational benefits until his/her academic status is restored to good standing.

Food Services

The Stuffed Owl Café, located downstairs from the Campus Center, offers a wide range of food selections. Mondays through Thursdays, breakfast and items from the grill are available, such as fresh pizza, fresh salads, deli sandwiches, a taco, burrito and tostada bar, as well as the entrees of the day. Vending service is available at various locations on campus throughout the day and evening.

Health Center

The Student Health Center, located on the first floor of the Student Services Building, supports the educational process and overall mission of Citrus College by providing quality health services and promoting positive health outcomes for the Citrus College community.

College nurses, part-time campus physicians, part-time nurse practitioners and other health care workers staff the Student Health Center.

Health services available to Citrus College students include:

- 12-step program referrals
- Accident and medical insurance information
- Acute illness/ambulatory treatment and care
- AIDS information, HIV testing and referrals
- Crisis intervention

- Commonly used prescription medications, including oral contraceptives, prescribed by the campus physician and/or nurse practitioner
- Condoms and personal hygiene items
- Eating disorders information and referrals
- Family Planning Services
- Health education (audio-visual, brochures and reference files)
- Hearing and vision screening
- Immunization (diphtheria-tetanus, flu, Hepatitis A&B vaccine)
- Registered nurses and mental health counseling
- Off-campus referrals as needed
- Over-the-counter (non-prescription) medications available from our self help counter
- Plan B emergency contraception
- Substance abuse counseling, information and/or referrals
- Testing for sexually transmitted infections (STI) Tuberculin skin tests
- Registered nurses and mental health counselors
- Off-campus referrals as needed
- Over-the-counter (non-prescription) medications available from our self help counter.

There is no charge for the college nurse, nurse practitioner or physician services; however, some tests, medications and procedures require a minimal fee. For safety reasons, children are not allowed in the Health Center.

Visit the Student Health Center or call (626) 914-8671 for information and/or appointments. Hours sometimes vary for college health nurses, nurse practitioners, physicians and other health care personnel.

International Student Center

The International Student Center directs and coordinates international student activities in compliance with federal regulations. Citrus College's international students represent 45 countries, further enhancing the diversity of the campus. The interaction and networking among all students has proven to be an invaluable experience for everyone involved.

The International Student Office also assists students through its orientation and support programs, ensuring students' completion of their objectives.

Refer to the International Student Admissions section for more information about registration and enrollment. www.citruscollege.edu/stdntsrv/international

Student Employment Services

Student Employment Services is a free job referral service for current Citrus College students and alumni. Services include:

- An on-line job board listing a variety of jobs--full and part time, permanent and temporary, on-and off-campus
- Resume preparation and interviewing skills guidance
- The processing of all hiring, termination, and payroll data of on-campus student workers

Student Government and Student Affairs

ASCC

The Associated Students of Citrus College (ASCC) is recognized by the Board of Trustees as the official student government organization, and is open to all student body members meeting minimum requirements. An executive board composed of 19 members conducts ASCC business; 10 are elected members and nine are appointed members.

ASCC responsibilities include administering a budget of approximately \$600,000, as well as planning and implementing many social, cultural and co-curricular programs. Most important of all, ASCC board members represent the interests of the student body on all campus wide committees.

Student Activities and Organizations

Students are encouraged to become involved in student clubs and organizations. Club activities include business meetings, lectures, discussions, field trips, publications, exhibits and special events of interest to the general student body and to the community. To coordinate the club activities and provide more student representation in school government, the Inter-Club Council, represented by student members, holds weekly meetings.

Citrus College clubs include:

- Alpha Gamma Sigma Honor Society
- American Medical Student Association
- Anime Connection
- Campus Activities Board
- Citrus Business Association
- Citrus Investing Club
- Chess Club
- Cheer Club
- Chemistry Club
- Citrus Student Nursing Association
- College Church
- Cosmetology Club
- Dental Assisting Club
- Earth Club
- Evening Cosmetology Club
- Filmmakers Club
- Foster 2 Famous
- Gamers Guild
- Gay-Straight Alliance
- Helping Find Opportunities in the Pursuit of Education (H.O.P.E.)

- International Friendship Club
- Language Cafe
- Latino Unidos Student Association
- Math Owls
- Native American Student Association
- Phi Theta Kappa (PTK) Honor Society
- Photography Club
- Psi Beta (Psychology honor society)
- Psychology Club
- Researchers in Paranormal
- Students of Light Christian Club
- Veterans Network
- Vocational Nursing
- Young Americans for Liberty

Transfer Center

The Transfer Center serves students' transfer needs.

The center has helpful resources for students who plan to transfer to a university. We provide a variety of transfer support services and activities to help you make a seamless transition to a university such as:

- Library of university catalogs
- Individual transfer advising by appointment
- University representative appointments
- University application assistance
- University field trips
- Transfer awareness workshops
- College Fairs
- Transfer Admission Guaranteed to several UC schools (TAG)
- Articulation agreements with senior institutions



Performing Arts students entertain during the annual “Saluting Our Veterans” event.

Veterans Success Center

The Citrus College Veterans Success Center extends academic and student support services to the veteran. It provides a one-stop location where students can receive assistance with GI benefits processing, obtain counseling and referrals for various transitional needs, meet with an academic counselor, and access services such as tutoring, peer support, meeting veteran mentors, and receiving information about the Veterans Network club. Students who are currently in the military, or were discharged within the past

four years, are eligible for priority registration. An active duty military ID card or DD 214 are required for verification.

What Additional Resources are Available at Citrus College?

Campus Facilities and Learning Resources

Adapted PE/Fitness Center

The Adapted Physical Education Center is the home of the Fitness Center. It is located between the main gymnasium and tennis courts. This facility offers exercise and fitness programs for students, Citrus College employees and community members.

The center features cardiovascular training machines and weight machines also modified to accommodate persons with disabilities. These machines include treadmills, flexicisers, stationary and recumbent bicycles, arm ergometers and stand aids. Individual progress is monitored by checking blood pressure (if needed), strength, endurance and flexibility.

The Adapted Physical Education Program is also conducted at the Adapted PE facility. Students with physical limitations can participate in this exercise and health-related physical fitness program, which includes adapted physical education courses and adapted aquatics. For more information visit www.citruscollege.edu/fitcntr.

Aquatic Center

The Aquatic Center is the home of the water polo and swim teams, and is sometimes selected as the site for regional championship events.

The Aquatic Center also houses a therapy pool that is utilized by the athletic training staff to help treat injured athletes. Members of the community have access to the Aquatic Center during specific days and times, and it is sometimes chosen as a location for television and movie shoots.

Art & Coffee Bar

The Owl Bookshop, in partnership with Starbucks, has opened the Art & Coffee Bar in the Student Services Building. Citrus College students, faculty, and staff now have a place to meet, converse or study while enjoying a variety of drinks and great food. Student employees, trained by Starbucks, gain retail and business experience.

The new art store offers fine art supplies and other educational materials for students. In the lobby entrance, current student and alumni art is displayed and available for sale. Proceeds from the sale of artwork are split between the student, art department, and bookstore.

Art Gallery

The Art Gallery is located in the Hayden Memorial Library and features year-round exhibits by students, faculty and staff.

Athletics Facilities

Citrus College's athletics facilities are among the best in Southern California. The 10,000-seat football, soccer and track stadium includes an all-weather track, a field turf playing surface and a new turf practice field. Citrus College athletes have the advantage of premium practice facilities: one weight training room, a double-circuit (64-station) fitness center two equipment rooms and two athletic training rooms.

The campus' athletic facilities also feature the two-story Field House, baseball field, softball complex, and renovations to the Citrus College Gymnasium and offices.

The Field House provides facilities to support football, baseball, soccer and cross country teams. The two-story building includes locker rooms, offices, equipment storage, and restrooms. The softball complex has two softball fields both with artificial turf in the outfield, dirt infields and state-of-the-art scoreboards.

Campus Center

The Ross L. Handy Campus Center is maintained by the Associated Students of Citrus College and provides a meeting place for students, faculty, staff and the community. A Campus Center host is on duty in the lounge area ensuring that the facility is used in accordance with ASCC and district policies. For their safety, children visiting the Campus Center must be accompanied by an adult.

College Success Program

The College Success Program provides educational opportunities for students to improve their reading, writing, math and communication skills. The program, which is designed with student success in mind, is comprised of the following components:

- College Success Centers offer tutoring, access to learning software, grammar clinics, and free workshops on study skills and test taking.
- The College Success Counselors are available to assist students with class selection, educational plans, and access to collegewide services.
- Learning Communities comprised of two or more "linked" classes, create a community of instructors and students, providing more support for student success.

Cashier/Bursar Offices

The Cashier's office is located in the Student Services Building, room SS 124, and the Bursar's office is located in the Administration Building, room AD 203. Students are able to pay registration fees at <https://wingspan.citruscollege.edu> or by cash, check, money order or travelers check at the Cashier's Office. Associated Student (ASCC) stickers can be picked up at this location.

The Bursar and Accounts Receivable Offices disburse payroll checks, process refunds and replacement warrants for financial aid and fee refunds. Refunds are processed automatically 4-6 weeks after the first week of class and mailed to the address listed in Wingspan. Replacement warrants for financial aid require approval from the Financial Aid Department. Once approved, an affidavit must be completed at the Bursar's Office.

Holds are placed on student accounts by the Bursar's Office for outstanding obligations such as chemistry breakage fees, library fines, credit card charge backs and other financial or non-financial responsibilities. Outstanding debts, library fines for lost books and chemistry fees can also be paid online using Wingspan.

The Bursar's Office submits outstanding student obligations to the State of California for collection. Outstanding obligations are subject to a 33% fee.

Parking permits are purchased and issued at <https://citruscollege.thepermitstore.com>. Students must pay registration fees in full prior to receiving access to The Permit Store.

Golf Driving Range

The Range At Citrus features two hitting surfaces, natural grass and mats, eight target greens, a sand trap, 33 stations, a chipping area and a 2,500 sq. ft. putting green.

This golf practice center, which is open to the public, offers lessons from a professional and from Citrus College instructors. The well-lit golf driving range is open seven days a week. A well-stocked pro shop and snack bar provide added convenience. Please contact The Range for hours of operation, (626) 914-8688.

The Range At Citrus is located at the southwest portion of the campus near the baseball field, with entrance from Citrus Avenue. Designated parking for golfers is available in front of The Range.

Robert D. Haugh Performing Arts Center

Since 1971, the Robert D. Haugh Performing Arts Center has provided cultural and educational entertainment to the community.

The 1,400-seat theatre offers a variety of program from all of the performing arts disciplines.

Haugh Presents

The "Haugh Presents" series include a wide range of entertainment such as comedienne Sandra Bernhard, and humorist Jeanne Robertson, headliners Rich Little and Loretta Swit, Orquesta Sinfónica del Estado de México performing classical works with guitarist Alfonso Moreno, world-famous dance companies— SEOP from South Korea and Russian National Ballet Theatre, jazz artist Kevin Eubanks, classical/pop virtuosos Matt Haimovitz and Christopher O'Riley, Ricky Nelson Remembered by his twin sons

Matthew and Gunnar, and folk favorites The Kingston Trio. In addition to the Grand Slam package, Choose Your Own packages are available at a discount.

Kidtastic! Family Event Series

A Saturday afternoon series of events for young audiences – and their parents – stimulates new ideas, provides different views of the world, and allows them to just plain have fun! Events include a shorter kid-friendly version of the main stage show, the theatrical light spectacular "LUMA," Disney Channel's "Choo Choo Soul with Genevieve!," and for literature lovers, "The Adventures of Flat Stanley." Wear 3D glasses to enjoy the antics of "Mark Nizer 4D Comedy Juggler." Write your own story and submit it to our website for a chance to see it performed live on stage by "The Story Pirates."

Fine & Performing Arts Department Productions

The vocal music department, including the renowned Citrus Singers, present two major productions each year, including the popular holiday extravaganza "Christmas Is...". The spring show features different genres of music such as Broadway, the Great American Songbook, or Movie Music Classics.

Sierra Wind Symphony and the Concert Choir perform popular film music such as "Far-Out! Music from Sci-Fi and Fantasy Films" in their annual – "A Night of Music From Film."

The Citrus Music Theatre Workshop presents fully staged Broadway musicals with spectacular scenery and costumes such as "Shrek," "Godspell," "Little Shop of Horrors," and "Dogfight." Citrus Women's Ensemble presents an annual

musical revue in the spring as does Pop Rock Ensemble.

The Theatre Department presents multiple productions each year in the Citrus Little Theatre including student-produced and directed productions. The Dance Department presents two annual concerts in the Haugh Performing Arts Center including in December "Holidance!," a special holiday dance concert celebrating the cultural diversity of the season.

Learning Center

Located on the second floor of the ED building, the Learning Center provides instructional support services across the curriculum including Tutorial Services, the College Success Center, Writing Café, ESL Lab, and Testing Center. The Learning Center is open to all Citrus College students with a Citrus ID card. Check the website for schedules and activities.

College Success Center

The College Success Center is open to all Citrus students with a Citrus ID card seeking academic support and to English 098 students who need to complete their required lab hours. The Center offers scheduled workshops on a variety of topics to support student success. Check the website for hours of operation and scheduled workshops.

ESL Lab

The ESL Lab is an interactive language learning center that promotes cross-cultural education to Citrus students who need to complete their required lab hours. The lab offers a variety of activities to help improve English skills including grammar DLAs, vocabulary building games, reading exercises, peer-facilitated study groups, and conversation groups. Check website for hours of operation.

Testing Center

The Testing Center provides administration and proctoring for Distance Education exams, adapted testing for Disabled Student Programs and Services (DSP&S) students, chemistry diagnostic, and assessment testing for English, ESL, and math placement. Assessment testing is administered through a computerized "smart" placement test to determine student's initial placement into English, ESL, and math courses. Most assessments are done in block sessions followed by a counseling orientation session. Check website for hours of operation.

Students who require accommodations due to disabilities or other circumstances may arrange to take their exams through Adapted Testing. Typical accommodations provided by Adapted Testing include extended time, large print, distraction-reduced exam space and adapted computer equipment.

The Writing Café

The Writing Café provides assistance to all Citrus students requesting English and ESL tutoring, as well as students seeking help with essays, research papers, lab reports, or any other writing assignment. The Writing Café services also include assistance with reading comprehension and strategies for note taking. Consultations by trained staff provide drop-in, one-on-one writing consultations, and scheduled appointments by special arrangement. The Writing Café also offers lectures and specialty workshops covering a variety of topics. A Citrus ID card is required. Check website for hours of operation.

Tutorial Services

Tutorial Services, a College Reading & Learning Association (CRLA)

Level II Certification center, provides tutoring by appointment and drop-in sessions in most subjects by trained staff free of charge. Students are allowed 2 hours of tutoring per subject per week. Online tutoring is available through CCC Confer. See Tutorial website for subjects offered. Students interested in working with a tutor must sign up for the service and a Citrus ID card is required. Check website for hours of operation.

Library Services

The Floyd S. Hayden Memorial Library/Learning Resource Center, is a 33,000 square-foot facility containing approximately 45,000 print, 7,000 multimedia, 25,000 electronic book titles, and electronic article databases. The library catalog can be accessed online through the library's home page.

Library services feature individual seating for 534, six multi-media rooms, 12 group study rooms, 106 public computers, five library catalog computers (including one that is wheelchair accessible), an orientation classroom with 40 computers and 10 extra chairs, and a copy room with five copiers, one color copier, and black and white or color printing. The library also offers wireless internet access. Two scanners are available to students and three computers feature an adapted keyboard. The library also provides the JAWS and Kurzweil 3000 software programs for visually impaired students.

Library reference interviews are designed to assist students with research for class assignments through one-on-one instruction in person, by telephone, e-mail, text message or online chat. Instruction includes how to access print books and periodicals, electronic books, and audiovisual items using

the online library catalog. With library staff assistance, students learn about library services and policies and how to locate books using the Dewey Decimal System. Staff may also demonstrate how to use effective search strategies to locate articles in various electronic databases and how to cite those sources appropriately.

A librarian is available to collaborate with instructors to customize information literacy instruction for specific courses and assignments. Most instruction is done in the library orientation classroom with groups of students and the instructor. A librarian is also available for individual orientations to meet one-on-one with students with special needs.

STEM (Science, Technology, Engineering, Mathematics)

The STEM Resource Center offers support for students interested in and/or taking courses in science, technology, engineering and mathematics. Services and activities for students include:

Math Tutoring: Drop-in tutoring is available to all math students in the Math Success Center (MA 130). Current math textbooks are available for use and study groups are welcome.

Supplemental Instruction: Attend out-of-class review sessions to ensure your success in targeted math and science courses (MA 129).

SIGMA Facilitated Study

Groups: Students can work with peer led study groups for calculus, physics and chemistr. Groups are open to all students. Complete homework and get questions answered at the SIGMA facilitated study groups.

Summer Research Experience: STEM students learn and earn during 8-week summer research experiences at local universities and research institutions. Applications accepted in Feb/Mar each year.

STEM Counseling: Specialized counseling for STEM majors and students interested in STEM is available in both MA 121A and the Student Services building.

STEM ACADEMY: Students interested in STEM are encouraged to join the STEM Academy. Applications are online at <http://www.citruscollege.edu/stem/academy/>. STEM Academy students receive regular newsletters, advance notice of career workshops and internships, and valuable information about college processes.

Study Abroad

Citrus College students have the opportunity to study abroad through Citrus College and the Southern California Foothills Consortium for Study Abroad. Semester-length programs are offered in London, England (fall) and Salamanca, Spain (spring). Students may study in Italy or Costa Rica during the summer session. Courses are taught by Citrus College faculty and faculty from the Consortium member colleges. Most courses are CSU/UC transferable and meet general education requirements.

Courses are chosen to maximize the benefits of studying in the host country. Selected courses often include English, humanities, art history, theatre, history, political science, social science, speech, communications, philosophy, psychology, and on some programs foreign language, biology, natural history and business.

Students who study in Spain are immersed in Spanish language and culture.

The Study Abroad experience provides students with a global perspective and knowledge of other cultures that cannot be gained in domestic study alone.

Technical Services and Computer Labs

The Dan Angel Data Processing Center houses the college's main computer laboratory, several classrooms and the TeCS administrative offices. The computer laboratory has a variety of computers, printers, and software available to Citrus College students who need computing resources to complete their class projects and assignments. The computers, along with other campus computing resources, are also used to support the curriculum. This program has introductory and general interest course offerings for anyone desiring to learn how to use computers for personal or professional purposes, and specialized courses for those who want to pursue a career in information processing.

Citrus College provides each student with an e-mail account. All students are urged to use their Citrus College e-mail account, as this is the e-mail address where all college information will be sent and where students can access waitlist.

Visit www.citruscollege.edu/tecs/studentemail for more information.

What Programs of Study Are Offered at Citrus College?

Citrus College offers associate degrees in 46 fields of study, as well as certificates of achievement, certificates of competency, and skill awards in 48 academic and career/technical areas.

These programs offer a variety of academic and career preparation programs that appeal to a variety of interests and provide students with the skills and knowledge needed to transfer to a four-year college, to establish a career—or to achieve both opportunities. In addition to preparing students to enter the professions or acquire jobs that require a bachelor's degree or higher, the college offers courses of study that prepare students for jobs in areas such as automotive technology, health care, law enforcement and information technology.

This table offers an overview of Citrus College's degrees and certificates. A more in-depth presentation of Citrus College's associate degrees, certificates of achievement and skill awards are featured in the following sections, providing information regarding program requirements, student learning outcomes and employment opportunities.

| Program of Study | A.A. | AA-T | A.S. | AS-T | Certificate of Achievement | Certificate of Competency | Skill Award |
|---|------|------|------|------|----------------------------|---------------------------|-------------|
| Accounting | | | | | X | | |
| Administration of Justice | | | X | X | X | | |
| Administrative Office Occupations | | | | | X | | |
| Architectural Design | | | | | X | | |
| Automotive Research and Development | | | | | X | | |
| Automotive Service, Diagnosis and Repair— Master Technician | | | | | X | | |
| Automotive Service, Diagnosis and Repair—Toyota/ Lexus/Scion Technician | | | | | X | | |
| Automotive Service, Diagnosis and Repair— Undercar Drivetrain Specialist | | | | | X | | |
| Automotive Service, Diagnosis and Repair— Underhood Specialist | | | | | X | | |
| Automotive Technology | | | X | | | | |
| Biological, Physical Sciences, and Mathematics | | | X | | | | |
| Biological Sciences | | | X | | | | |
| Business | | | X | | | | |
| Business Administration | | | | X | | | |
| Ceramics-One Year | | | | | X | | |

| Program of Study | A.A. | AA-T | A.S. | AS-T | Certificate of Achievement | Certificate of Competency | Skill Award |
|---|------|------|------|------|----------------------------|---------------------------|-------------|
| Ceramics-Two Year | | | | | X | | |
| Child Development | | | X | | | | |
| Child Development Associate Teacher | | | | | | | X |
| Child Development Teacher | | | | | X | | |
| Child Development-Master Teacher | | | | | X | | |
| Child Development-Master Teacher/Early Intervention | | | | | X | | |
| Commercial Dance | | | | | X | | |
| Communication Studies | | X | | | | | |
| Computer-Aided Design (CAD)-Architecture and Drafting | | | | | X | | |
| Computer Generated Imagery | | | | | X | | |
| Cosmetology | | | X | | X | | |
| Dance | X | | | | | | |
| Dental Assisting | | | X | | X | | |
| Diesel Technician | | | | | | | X |
| Digital and Web Design | | | X | | X | | |
| Drafting | | | | | X | | |
| Drafting and Design Technology | | | X | | | | |
| Early Childhood Education | | | | X | | | |
| Elementary Education | | X | | | | | |
| Emergency Management and Homeland Security | | | X | | X | | |
| Emergency Medical Technician | | | | | | | X |
| Emerging Theatre Technologies | | | | | X | | |
| Engine Rebuilding and Machining | | | | | | | X |
| English | | X | | | | | |
| English Literature | X | | | | | | |

| Program of Study | A.A. | AA-T | A.S. | AS-T | Certificate of Achievement | Certificate of Competency | Skill Award |
|--|-------------|-------------|-------------|-------------|-----------------------------------|----------------------------------|--------------------|
| English as a Second Language Beginning (Noncredit) | | | | | | X | |
| English as a Second Language Intermediate (Noncredit) | | | | | | X | |
| English as a Second Language Program Completion (Noncredit) | | | | | | X | |
| Esthetician | | | | | X | | |
| Fine and Performing Arts | X | | | | | | |
| History | | X | | | | | |
| Home Health Aide | | | | | | | X |
| Infant and Child Development Associate Teacher | | | | | | | X |
| Information Technology | | | | | X | | |
| Journalism | | X | | | | | |
| Kinesiology (formerly Physical Education) | | X | X | | | | |
| Language Arts | X | | | | | | |
| Liberal Arts: Arts and Humanities | X | | | | | | |
| Liberal Arts: Math and Science | X | | | | | | |
| Liberal Arts: Social and Behavioral Sciences | X | | | | | | |
| Liberal Arts: Technology and Business | X | | | | | | |
| Literature | | | | | X | | |
| Mathematics | | | | X | | | |
| Medium and Heavy Diesel Truck Service, Diagnosis and Repair Technician | | | | | X | | |
| Medium and Heavy Diesel Truck Service, Diagnosis and Repair Technology | | | X | | | | |
| Microsoft Office | | | | | | | X |
| Motorcycle Service, Diagnosis and Repair Technician | | | | | X | | |
| Music | X | | | | | | |

| Program of Study | A.A. | AA-T | A.S. | AS-T | Certificate of Achievement | Certificate of Competency | Skill Award |
|--|-------------|-------------|-------------|-------------|-----------------------------------|----------------------------------|--------------------|
| Nurse Assistant | | | | | | | X |
| Office Clerk | | | | | | | X |
| Photography | | | X | | X | | |
| Physics | | | | X | | | |
| Political Science | | X | | | | | |
| Psychology | | X | | | | | |
| Public Works | | | X | | | | |
| Public Works I | | | | | X | | |
| Public Works II | | | | | X | | |
| Recording Technology (Audio) | | | X | | X | | |
| Registered Nursing | | | X | | | | |
| Social and Behavioral Sciences | X | | | | | | |
| Sociology | | X | | | | | |
| Theatre Arts | X | X | | | | | |
| Theatre Arts-Acting Emphasis | X | | | | | | |
| Theatre Arts-Emerging Theatre Technologies | | | | | X | | |
| Vocational Nursing | | | X | | X | | |
| Water Technology | | | X | | X | | |
| Wildland Resources and Forestry | | | | | X | | |

How Do I Earn a Degree at Citrus College?

Programs of Study Leading to an Associate Degree

Degree Requirements

The Associate in Arts and the Associate in Science degrees require a minimum of 18 units in a program of study with grades of C or above in each course attempted that is counted toward the program. The 18-unit requirement is in addition to the general education and proficiency requirements.

Programs of Study Leading to an Associate Degree for Transfer

Administration of Justice
 Business Administration
 Communication Studies
 Early Childhood Education
 Elementary Education
 English
 History
 Journalism
 Kinesiology
 Mathematics
 Physics
 Political Science
 Psychology
 Sociology
 Theater Arts

Programs of Study Leading to an Associate Degree

Administration of Justice
 Automotive Technology
 Biological, Physical Science, and Mathematics
 Biological Sciences
 Business
 Child Development
 Cosmetology
 Dance
 Dental Assisting
 Digital and Web Design
 Drafting and Design Technology
 Emergency Management and Homeland Security
 English Literature
 Fine and Performing Arts
 Kinesiology (formerly Physical Education)
 Language Arts
 Liberal Arts with emphases in:

- Arts and Humanities
- Math and Science
- Social and Behavioral Sciences
- Technology and Business

Medium and Heavy Diesel Truck Service, Diagnosis and Repair Technology
 Music
 Photography
 Public Works
 Recording Technology (Audio)
 Registered Nursing
 Social and Behavioral Sciences
 Theatre Arts
 Theatre Arts - Acting Emphasis
 Vocational Nursing
 Water Technology

The Associate Degrees for Transfer

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to the California State University (CSU) system for any community college student who completes an "associate degree for transfer," a newly established variation of the associate degrees traditionally offered at a California community college.

The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete a minimum of 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0. Students transferring to a CSU campus that does accept the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major). The AA-T or AS-T degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree in order to receive more information on university admission and transfer requirements.

Citrus College Core Competencies and Student Learning Outcomes

General education competencies serve as a common set of core curricular components identified and defined by faculty. Student learning outcomes are behaviors based on these competencies.

Any student transferring or completing a degree or certificate from Citrus College must demonstrate effectively assessed awareness, understanding, knowledge, skills, and abilities in the selected competencies. These learning outcomes address the general education philosophy of the college (BP 4100, Graduation Requirements).

1. Communication

Students read, write, speak, and listen effectively at the college level.

2. Computation

Students demonstrate college level proficiency in mathematics and data analysis.

3. Creative, Critical, and Analytical Thinking, Information Competency

Students apply curiosity, creativity, and aesthetic awareness in decision making based on evaluation, analysis, and synthesis of college level material.

4. Community/Global Consciousness and Responsibility

Students assume personal responsibility and demonstrate respect for others as a measure of cultural awareness, ethics, and integrity.

5. Technology

Students understand the changing role of technology in learning and community.

6. Discipline/Subject Area Specific Content Material

Students demonstrate college level proficiency in a pattern of general education courses.

Student learning outcomes are written in selected areas of competency at the course level (course outlines of record), program level (program review reports), and degree and certificate levels. Learning outcomes are mapped to show the relationships between and among the levels. General education learning outcomes are assessed through systematic analysis of course and program level assessment results.



New Administration Building, opened 1967



Remodeled Administration Building, re-opened 2014

Graduation Requirements for an Associate Degree

I. Associate in Art (A.A.) and Associate in Science (A.S.) Degrees

The Associate in Arts or the Associate in Science degrees will be granted upon the completion of 60 degree-applicable units of work and fulfillment of the specific requirements listed below. These graduation requirements shall apply to first time and returning students enrolling Fall Semester 2014 and thereafter.

1. Scholarship Requirement

A cumulative grade-point average of 2.00 or C must be earned in all lower division coursework attempted at Citrus College and at any regionally accredited post-secondary education institution. **Please note: Only Citrus College courses numbered 100 – 299 and Cooperative Work Experience Education may apply toward the associate degree.**

2. Residence Requirement

a. Successful completion of a minimum of 12 units in residence at Citrus College.

3. Major Requirement

A student must complete 18 units and achieve a grade of C or better in each course attempted that is counted for the major.

4. General Education Requirements

A student must complete one of the following options:

a. Option I: 25 units as described on pages 70-75.

or

b. Option II: 39 units as stipulated by the CSU general education certification requirements, outlined on pages 76-81.

or

c. Option III: 34 units as stipulated by the completion of the IGETC pattern, outlined on pages 84-87.

There is no limit on the number of units that may count towards both general education and major requirements. A multicultural course is offered in at least one of the general education areas listed above.

5. Kinesiology Requirement

a. Three units of kinesiology or dance activity.

or

b. Completion of KIN 170, 171, or 173.

No varsity sports courses may be used to fulfill a general education requirement.

6. Competency Requirements

a. **Writing:** Completion of an English Composition General Education Requirement with a grade of C or better. Effective for all students admitted to a California community college for the fall 2009 term or any term thereafter, competence in written expression shall be demonstrated by obtaining a satisfactory grade in an English course at the level of the course typically known as Freshman Composition (ENGL 101) or another approved English course at the same level and with the same rigor. Satisfactory completion of an English course at the level of Freshman Composition shall satisfy both this competency requirement and the coursework requirement.

b. **Mathematics:** Proficiency in mathematics may be satisfied by one of the following:

- Completion of two years of high school algebra AND placement at the level of college algebra or higher on the Math Assessment Test;

or

- Completion of any mathematics class listed in the mathematics section of the General Education Requirements with a grade of C or better.

Effective for all students admitted to a community college for the fall 2009 term or any term thereafter:

Competence in mathematics shall be demonstrated by obtaining a satisfactory grade in a mathematics course at the level of the course typically known as intermediate algebra (MATH 150). Intermediate algebra or another approved mathematics approved course at the same level, with the same rigor and with elementary algebra as a prerequisite, is acceptable.

or

The student can complete an assessment determined to be comparable to satisfactory completion of the specified math course.

- c. Reading:** Proficiency in reading may be satisfied by one of the following:
- A satisfactory score on the reading component of the placement test at the English 101 level;
- or**
- A grade of C or better in Reading 099 or English 099.

II. Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T)

Requirements for Associate in Arts for Transfer and Associate in Science for Transfer degrees differ from those previously listed as follows:

1. All 60 units must be CSU-transferable.
2. While the minimum grade point average (GPA) is at least 2.0 in all CSU-transferable course work for admission to the CSU system, some majors may require a higher GPA. Please consult with a counselor for more information.
3. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a "pass-no pass" basis.
4. Completion of one of the following General Education Requirements:
 - a. Option II: 39 units as stipulated by the CSU general education certification requirements, outlined on pages 76-81;

or

 - b. Option III: 34 units as stipulated by the completion of the IGETC pattern, outlined on pages 84-87.
Note that Option I available for A.A. and A.S. degrees is not available for AA-T and AS-T degrees.
5. No additional competency and local area requirements.

GENERAL EDUCATION PHILOSOPHY AND REQUIREMENTS

The awarding of an associate degree is intended to represent more than an accumulation of units. It symbolizes a successful attempt on the part of Citrus College to lead students through patterns of learning experiences designed to develop certain capabilities and insights, such as the ability to:

- Think and communicate clearly and effectively through oral and written expression;
- Develop logical and convincing arguments, reaching conclusions that are based on comprehensive inquiry;
- Adapt and apply technology to facilitate the acquisition and effective use of information;
- Understand the modes of inquiry of the major disciplines;
- Enhance the appreciation of the arts;
- Develop a lifestyle that will enhance physical and mental health, and wellness;
- Appreciate the contributions of different cultures, eras, and traditions to the human experience;
- Achieve insights gained through experience in thinking about ethics, integrity, honesty, self-management and the welfare of others;
- Develop the capacity for self-understanding; and
- Become informed citizens and problem solvers.

In addition to these accomplishments, the student shall possess sufficient depth in some field of knowledge to contribute to lifetime interest.

Central to an associate degree, General Education is designed to introduce students to the variety of means through which people comprehend the modern world. It reflects the conviction of colleges that those who receive their degrees must possess in common certain basic principles, concepts and methodologies both unique to and shared by the various disciplines. College educated persons must be able to use this knowledge when evaluating and appreciating the physical environment, the culture, and the society in which they live. Most importantly, General Education should lead to better self-understanding.

A Citrus College student must complete 25 units of general education courses distributed according to the following pattern (a maximum of 6 units or two classes from the major requirement may be applied to the general education requirements).

Citrus College General Education Student Learning Outcomes

A. Language and Rationality

Students successfully completing courses in Area A are able to read, write, speak, and think creatively in personal, academic, workplace and community contexts.

- I. English Composition
- II. Communication and Analytical Thinking
- III. Mathematics

B. Natural Sciences

Students successfully completing courses in Area B are able to investigate and explain physical phenomena through application of empirical knowledge using mathematical and scientific processes and concepts.

- I. Biological Sciences
- II. Physical Sciences

C. Arts and Humanities

Students successfully completing courses in Area C are able to appreciate, critically understand, and express artistic, philosophical, and cultural sensibilities in historical and contemporary contexts.

- I. Arts
- II. Humanities

D. Social and Behavioral Sciences

Students successfully completing courses in Area D are able to identify, analyze, and communicate an understanding of self and society through systematic investigation of social behavior, institutions, and culture.

- I. History and Political Science
- II. Behavioral sciences

E. Kinesiology and Dance

Students successfully completing courses in Area E are able to demonstrate personal responsibility, health literacy, and understanding of the importance of physical health and wellbeing.

- I. Kinesiology
- II. Dance

A. Language and Rationality: (6 or 9 units minimum)

Students satisfying the mathematics competency requirement through the mathematics assessment are required to complete two courses, six units minimum, including one course from English composition and one course from either mathematics or Communication and Analytical Thinking.

Students who do not satisfy the mathematics competency through the mathematics assessment are required to complete three courses, nine units minimum, including one course from English Composition, one course from Communication and Analytical Thinking and one course from Mathematics (with a C grade or better).

Courses in language and rationality develop the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses.

A1. Language and Rationality - English Composition

| | | Units |
|-----------|----------------------------------|-------|
| ENGL 101 | Reading and Composition | 3 |
| ENGL 101H | Reading and Composition - Honors | 3 |
| ESL 101 | Reading and Composition | 3 |

A2. Language and Rationality - Communication & Analytical Thinking

| | | |
|-----------|---|---|
| CIS 130 | Microcomputer Applications I | 4 |
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking - Honors | 3 |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |
| OFF 101 | Introduction to Microsoft Office Applications | 3 |
| OFF 285 | Administrative Office Procedures | 3 |
| PHIL 110 | Philosophy/Logic | 3 |
| SPCH 100 | Interpersonal Communication | 3 |
| SPCH 101 | Public Address | 3 |
| SPCH 101H | Public Address – Honors | 3 |
| SPCH 103 | Argumentation and Debate | 3 |
| SPCH 106 | Small Group Communication | 3 |

A3. Mathematics

| | | |
|----------|---------------------------------------|-----|
| MATH 142 | Beginning and Intermediate Algebra II | 5 |
| MATH 148 | Intermediate Algebra I | 2.5 |
| MATH 149 | Intermediate Algebra II | 2.5 |

| | | |
|----------|---|---|
| MATH 150 | Intermediate Algebra | 5 |
| MATH 151 | Plane Trigonometry | 4 |
| MATH 160 | Survey of Mathematics | 4 |
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |
| MATH 168 | Mathematics for Elementary Teachers I | 4 |
| MATH 169 | Mathematics for Elementary Teachers II | 4 |
| MATH 170 | College Algebra | 4 |
| MATH 175 | Pre-Calculus | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| MATH 210 | Calculus with Analytic Geometry III | 4 |
| MATH 211 | Differential Equations | 5 |
| PSY 103 | Statistics for the Social and Behavioral Sciences | 3 |

B. Natural Sciences: (4 units minimum)

One or two courses, four units minimum, including one laboratory course or one course from biological science and one course from physical science (**lab courses in bold**). Courses in the natural sciences examine the physical universe, its life forms, and its natural phenomena. They assist in developing an appreciation and understanding of the scientific method and encourage an understanding of the relationships between science and other human activities.

This category includes introductory or integrative courses in astronomy, biology, chemistry, general physical science, geology, physics, physical geography, physical anthropology, and other scientific disciplines.

B1. Natural Sciences - Life Sciences Units

| | | |
|------------------|--|----------|
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| ANTH 212L | Introduction to Physical Anthropology Lab | 1 |
| BIOL 102 | Human Genetics | 3 |
| BIOL 104 | Biology: Contemporary Topics | 3 |
| BIOL 105 | General Biology | 4 |
| BIOL 105H | General Biology – Honors | 4 |
| BIOL 109 | Biology for Educators | 4 |
| BIOL 116 | HIV and AIDS: Insights and Implications | 3 |
| BIOL 124 | Principles of Biology I | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| BIOL 145 | Environmental Science | 3 |

| | | |
|-----------------|-------------------------|----------|
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |
| PSY 102 | Psychobiology | 3 |

B2 Natural Sciences - Physical Sciences

| | | |
|-----------------|---|----------|
| ASTR 115 | Planetary Astronomy | 3 |
| ASTR 115H | Planetary Astronomy - Honors | 3 |
| ASTR 116 | Stellar Astronomy | 4 |
| ASTR 117 | Life In The Universe | 3 |
| CHEM 103 | College Chemistry | 5 |
| CHEM 104 | College Chemistry | 5 |
| CHEM 106 | Physical Science for Educators | 4 |
| CHEM 110 | Beginning General Chemistry | 5 |
| CHEM 111 | General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| ESCI 106 | Earth and Space Science for Educators | 4 |
| ESCI 119 | Physical Geology without laboratory | 3 |
| ESCI 120 | Physical Geology | 4 |
| ESCI 121 | Historical Geology | 4 |
| ESCI 122 | Geology: Earth History | 3 |
| ESCI 124 | Environmental Geology | 3 |
| ESCI 130 | Physical Oceanography | 3 |
| GEOG 118 | Physical Geography | 3 |
| PHYS 106 | Physical Science for Educators | 4 |
| PHYS 110 | Introduction to College Physics | 4 |
| PHYS 111 | Physics for Life Sciences I | 4 |
| PHYS 112 | Physics for Life Sciences II | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |
| PHYS 203 | Physics C: Waves, Optics & Modern Physics | 5 |

C. Arts and Humanities: (6 units minimum)

Two courses, six units minimum, including one course from arts and one course from humanities.

Courses in the arts and humanities study the cultural activities and artistic expressions of human beings. They assist in developing an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation, and in developing aesthetic understanding and an ability to make value judgments. This category includes introductory or integrative courses in the arts, foreign languages, literature, philosophy and religion.

C1. Arts

| | | |
|----------|---|---|
| ARCH 250 | History of Architecture: Prehistory to Mannerism | 3 |
| ART 100 | Art History and Appreciation - Fundamentals | 3 |
| ART 100A | Survey of Western Art from Prehistory through the Middle Ages | 3 |
| ART 100B | Survey of Western Art from Renaissance to Contemporary | 3 |
| ART 101 | Art History and Appreciation—Ancient | 3 |
| ART 102 | Art History and Appreciation—Medieval | 3 |
| ART 103 | Art History and Appreciation—Renaissance to Rococo | 3 |
| ART 104 | Art History and Appreciation—19th Century Art | 3 |
| ART 105 | Art History and Appreciation—Early 20th Century Art | 3 |
| ART 199 | Motion Picture Appreciation | 3 |
| ART 206 | History of Latin American Art | 3 |
| ART 207 | History of Asian Art China, Korea, and Japan | 3 |
| COMM 100 | Mass Media and Society | 3 |
| COMM 136 | Cultural History of American Films | 3 |
| DANC 102 | History of Dance | 3 |
| MUSE 109 | Music Appreciation | 3 |
| MUSE 110 | History of Music I | 3 |
| MUSE 111 | History of Music II | 3 |
| MUSE 112 | History of Jazz | 3 |
| MUSE 113 | History of Rock and Roll | 3 |
| MUSE 114 | Introduction to American Music | 3 |
| THEA 101 | Introduction to Theatre Arts | 3 |
| THEA 200 | The Art of the Theatre | 3 |
| THEA 250 | Theatre Appreciation | 3 |

C2. Humanities

| | | |
|-----------|---|---|
| ARCH 251 | History of Architecture: Baroque to the Present Day | 3 |
| ART 200 | History of Motion Pictures | 3 |
| ART 201 | History of Motion Pictures II | 3 |
| COMM 200 | Visual Communications | 3 |
| ENGL 102 | Introduction to Literature | 3 |
| ENGL 213 | Horror Literature | 3 |
| ENGL 213H | Horror Literature – Honors | 3 |
| ENGL 216 | American Latino Literature | 3 |
| ENGL 251 | Introduction to English Literature I | 3 |
| ENGL 252 | Introduction to English Literature II | 3 |

| | | |
|-----------|--|---|
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |
| ENGL 271 | Introduction to World Literature: Ancient—Early Modern | 3 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 |
| ENGL 291 | Film as Literature | 3 |
| ENGL 291H | Film as Literature—Honors | 3 |
| ENGL 293 | Children's Literature | 3 |
| ENGL 293H | Children's Literature—Honors | 3 |
| ENGL 294 | Introduction to Shakespeare | 3 |
| ENGL 298 | Literature of the Bible | 3 |
| FREN 101 | French I | 5 |
| FREN 102 | French II | 5 |
| GER 101 | German I | 5 |
| GER 102 | German II | 5 |
| GER 201 | German III | 5 |
| GER 202 | German IV | 5 |
| HUM 101 | Humanities Prehistory through the Medieval Period | 3 |
| HUM 101H | Humanities Prehistory through the Medieval Period—Honors | 3 |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |
| HUM 110 | Humanities in the 20th Century | 3 |
| HUM 127 | Spanish Civilization | 3 |
| JPN 101 | Japanese I | 5 |
| JPN 102 | Japanese II | 5 |
| PHIL 101 | Great Religions of the World | 3 |
| PHIL 106 | Introduction to Philosophy | 3 |
| PHIL 106H | Introduction to Philosophy—Honors | 3 |
| PHIL 108 | Philosophy/Ethics | 3 |
| SPAN 101 | Spanish I | 5 |
| SPAN 102 | Spanish II | 5 |
| SPAN 201 | Spanish III | 5 |
| SPAN 202 | Spanish IV | 5 |
| SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |
| SPAN 211 | Reading and Composition for Speakers of Spanish II | 5 |

D. Social and Behavioral Sciences (6 units minimum)

Two courses, six units minimum, including one course from history and political science and one course from behavioral science.

Courses in the social and behavioral sciences focus on people as members of society. They assist in develop-

ing an awareness of the methods of inquiry used by the social and behavioral sciences. Critical thinking is stimulated about the ways people act and have acted in response to their societies, and appreciation is developed of how societies and social groups operate.

This category includes introductory or integrative survey courses in cultural anthropology, economics, history, political science, psychology, sociology, cultural geography, and related disciplines.

D1. History and Political Science

| | | |
|-----------|---|---|
| ECON 100 | Survey of Economics | 3 |
| ECON 101 | Principles of Macroeconomics | 3 |
| ECON 101H | Principles of Macroeconomics – Honors | 3 |
| ECON 102 | Principles of Microeconomics | 3 |
| ETHN 101 | Introduction to Ethnic Studies | 3 |
| ETHN 116 | Introduction to Chicano Studies | 3 |
| GEOG 102 | Cultural Geography | 3 |
| HIST 103 | History of World Civilization up to 1500 | 3 |
| HIST 103H | History of World Civilization up to 1500 - Honors | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 |
| HIST 107 | History of the United States before 1877 | 3 |
| HIST 107H | History of the United States before 1877 —Honors | 3 |
| HIST 108 | History of the United States from 1877 | 3 |
| HIST 108H | History of the United States from 1877 – Honors | 3 |
| HIST 109 | The World in Conflict The 20th Century, a History | 3 |
| HIST 110 | A Survey History of Africa | 3 |
| HIST 111 | History of the African-Americans to 1876 | 3 |
| HIST 112 | History of the African-Americans since 1876 | 3 |
| HIST 120 | British Civilization | 3 |
| HIST 130 | Latin American Culture and Civilization | 3 |
| HIST 145 | History of Mexico | 3 |
| HIST 155 | History of the Vietnam War | 3 |
| HIST 222 | History of World War II | 3 |
| HUM 127 | Spanish Civilization | 3 |
| POLI 103 | American Government and Politics | 3 |

| | | |
|-----------|---|---|
| POLI 103H | American Government and Politics – Honors | 3 |
| POLI 104 | Introduction to Political Science | 3 |
| POLI 105 | Comparative Politics | 3 |
| POLI 116 | International Relations | 3 |
| SPAN 127 | Spanish Civilization | 3 |
| SPAN 130 | Latin American Culture and Civilization | 3 |

D2. Behavioral Science

| | | |
|-----------|---|---|
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| ANTH 210H | Introduction to Cultural Anthropology – Honors | 3 |
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective – Honors | 3 |
| CHLD 111 | Child Development Youth Adolescence | 3 |
| CHLD 120 | Literacy for Children | 3 |
| CHLD 130 | Infant Development and Group Care | 3 |
| CHLD 134 | Parent-Child Interaction | 3 |
| PSY 101 | Introduction to Psychology | 3 |
| PSY 101H | Introduction to Psychology— Honors | 3 |
| PSY 110 | Psychology of Religion I | 3 |
| PSY 205 | Developmental Psychology | 3 |
| PSY 206 | Child Growth and Development | 3 |
| PSY 213 | Survey of Drug and Alcohol Use and Abuse | 3 |
| PSY 220 | Introduction to Social Psychology | 3 |
| PSY 226 | Psychology of Women | 3 |
| SOC 114 | Marriage, Family, and Intimate Relations | 3 |
| SOC 118 | Minorities in America | 3 |
| SOC 201 | Introduction to Sociology | 3 |
| SOC 201H | Introduction to Sociology— Honors | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| SOC 220 | Introduction to Gender | 3 |

KINESIOLOGY/DANCE REQUIREMENTS (3 units minimum)

No varsity sports courses may be used. All students must complete one of the following: **Three units of any KIN activity or DANC activity courses as listed below:**

| | | |
|-----------|---|---|
| DANC 160 | Jazz Dance Techniques | 1 |
| DANC 161 | Beginning Modern Dance | 1 |
| DANC 162 | Beginning Ballet | 1 |
| DANC 259 | Intermediate Tap I | 1 |
| DANC 260 | Intermediate Jazz Dance I | 1 |
| DANC 261 | Intermediate Modern Dance I | 1 |
| DANC 262 | Intermediate Ballet I | 1 |
| DANC 263A | Dance for Musical Theatre- Beginning | 4 |
| DANC 264 | Beginning Popular Dance Techniques | 4 |
| DANC 265A | Musical Staging: Rehearsal and Performance-Beginning | 2 |
| DANC 266 | Pop Dance: Rehearsal and Performance- Beginning | 2 |
| DANC 269 | Intermediate Tap II | 1 |
| DANC 270 | Intermediate Jazz Dance II | 1 |
| DANC 271 | Intermediate Modern Dance II | 1 |
| DANC 272 | Intermediate Ballet II | 1 |
| DANC 279 | Advanced Tap I | 1 |
| DANC 281 | Advanced Jazz Dance I | 1 |

E2. Fitness/Health Science

| | | |
|----------|-----------------------------|---|
| KIN 100 | Introduction to Kinesiology | 3 |
| KIN 170 | Fitness for Life | 3 |
| KIN 171 | Health Science | 3 |
| KIN 171H | Health Science – Honors | 3 |
| KIN 173 | Nutrition for Fitness | 3 |

E3. Kinesiology Activity

| | | |
|---------|--|---|
| KIN 101 | Badminton | 1 |
| KIN 102 | Bowling | 1 |
| KIN 103 | Golf | 1 |
| KIN 104 | Self-Defense and Personal Safety | 1 |
| KIN 106 | Racquetball | 1 |
| KIN 108 | Tennis | 1 |
| KIN 116 | Yoga | 1 |
| KIN 130 | Basketball | 1 |
| KIN 134 | Softball | 1 |
| KIN 135 | Volleyball | 1 |
| KIN 142 | Swimming Beginning | 1 |
| KIN 143 | Swimming Intermediate/ Advanced | 1 |
| KIN 145 | Strength Training, Balance and Agility | 1 |
| KIN 147 | Swimming for Cardiovascular Improvement | 1 |
| KIN 148 | Adapted Aquatic Exercises | 1 |
| KIN 150 | Adapted Physical Education | 1 |
| KIN 151 | Body Conditioning | 1 |
| KIN 152 | Weight Training | 1 |
| KIN 153 | Walking/Jogging | 1 |

| | | |
|---------|--------------------------|---|
| KIN 154 | Advanced Weight Training | 2 |
| KIN 159 | Cardiovascular Training | 1 |

Application for Graduation

Graduating students must file a formal application for graduation with the Counseling and Advisement Department. Students may graduate at the end of the fall, winter, spring or summer semesters or sessions, although only one Commencement ceremony is held in the spring.

A summer graduate may request to participate in the preceding spring graduation if they file the application for graduation by that spring graduation deadline, meet all graduation requirements for summer graduation, and are enrolled in one or two classes for a total of nine or fewer units in summer.

A student who receives an associate degree may subsequently or simultaneously work on additional degrees.

All earned graduation requirements must come from a single catalog. A degree and/or certificate will not be released until the student has paid all of his or her outstanding debts to the college.

All transcripts of prior college work must be on file in the Admissions and Records Office before the application can be completed; refer to the current class schedule for application deadlines.

Multiple Degrees

Within the graduation requirements for the Associate Degree at Citrus College, it is possible for a student to complete the requirements for more than one course of study, providing that minimum requirements are met for each policy.

Online Degrees

Associate degrees can be earned online through Distance Education. Visit www.citruscollege.edu/de and consult a counselor for details.

Associate Degrees for Transfer

Citrus College offers Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T) degrees. The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to the California State University (CSU) system for

any community college student who completes an AA-T or AS-T degree. Please refer to the Associate Degrees Section for more information.

Additional information can also be obtained by visiting <http://calstate.edu/transfer>

Planning For Transfer

In general, courses listed as preparation for a major may also be applicable as general education requirements. Students should refer to the catalog of the institution offering their intended major to determine lower-division major requirements, as well as those that are recommended or required in preparation for the major.

In addition, the ASSIST website at www.assist.org, is the official California statewide database listing a selection of campus-approved articulation/transfer agreements, general education requirements, and information on UC and CSU transferable courses.

Students are also advised to contact a Citrus College counselor for more information and for details regarding other transfer agreements and options not available on ASSIST.

California State University

The California State University (CSU) is the nation's largest university system, with 23 campuses located across the state, from Humboldt in the north to San Diego in the south.

While part of the CSU system, each campus has a unique identity. CSU campuses have distinct student populations and programs. Many of their programs are offered in the late afternoon and evenings for students who work during the day.

The 23 CSU campuses are:

Bakersfield
Channel Islands
Chico
Dominguez Hills
East Bay
Fresno
Fullerton
Humboldt
Los Angeles
Long Beach
Maritime Academy
Monterey Bay
Northridge
Pomona

Sacramento
San Bernardino
San Diego
San Francisco
San Jose
San Luis Obispo
San Marcos
Sonoma
Stanislaus

Undergraduate Transfers

The CSU generally considers an undergraduate transfer student as one who has enrolled in a community college or university other than a CSU following high school graduation. Students with fewer than 60 or more transferable semester units are considered lower division transfers. Students with 60 transferable semester units are considered upper division transfers. Please refer to csumentor.edu for campus specific practices.

Lower Division Transfers

Most campuses restrict the admission of lower-division transfer students who have earned fewer than 60 transferable semester units. Some campuses may accept applications from lower-division students who are applying to science, technology, engineering or mathematics majors. Lower-division transfers are eligible if they:

- Have a college grade point average of 2.0 or better for residents in all transferable college units attempted; 2.5 for non-residents
- Are in good standing at the last college or university attended, i.e., eligible to re-enroll;
- Meet the eligibility index required of a first-time freshman;
- Meet the college-preparatory course requirements for a first-time freshman or have successfully completed necessary courses to make up any deficiencies in their high school records.

If lower-division transfer students cannot meet the high school eligibility standards, they should continue to complete courses at Citrus College or at another accredited college or university. Students should consider applying when they are eligible for consideration as upper-division transfers.

Upper-Division Transfers

Students who have completed a minimum of 60 transferable units with a 2.0 or higher grade point average for resident students (2.5 for non-residents) in all transferable course work are eligible to transfer. The

60 transferable units must include at least 30 units of General Education and one course each from A1, A2, A3, and B4 of the CSU General Education Pattern.

Students are strongly encouraged to complete as many lower division major preparatory requirements as possible prior to transfer. Grade point average requirements are higher for high-demand campuses or majors. A maximum of 70 transferable semester units in a community college may be applied to the baccalaureate degree. High demand majors may require supplemental preparation that must be met prior to transfer.

To make admission decisions, CSU admissions offices look at three factors:

- College grades
- Completed college coursework, especially in general education
- Whether the student is in good standing at the last college or university attended

Remember these are minimums, and in the case of high-demand majors and campuses, a 2.0 GPA may not be high enough to be admitted. High-demand majors may require a higher GPA in specific core/major prep courses, a higher cumulative GPA, or a combination of both.

The key to a successful transfer is early planning to ensure that students complete courses to meet the admission, general education, and lower-division major preparation requirements.

Obviously, the better a student prepares at Citrus College, the more likely admission requirements at their first-choice CSU campus will be met.

The California State University General Education - Breadth Requirements

Citrus College may certify that a student has satisfied the minimum general education requirements of 39 lower division transfer units in accordance with CSU Executive Order 1033. It is also possible to transfer to a California State University campus upon completion of the Intersegmental General Education Transfer Curriculum (IGETC). The number of units which may be certified are as follows:

AREA A - COMMUNICATION IN THE ENGLISH LANGUAGE AND CRITICAL THINKING

9 semester or 12 quarter units required with at least one course each from A1, A2 and A3

A1 - Oral Communication

| | | |
|-----------|-----------------------------|---|
| SPCH 100 | Interpersonal Communication | 3 |
| SPCH 101 | Public Address | 3 |
| SPCH 101H | Public Address – Honors | 3 |
| SPCH 103 | Argumentation and Debate | 3 |
| SPCH 106 | Small Group Communication | 3 |

A2 - Written Communication

| | | |
|-----------|----------------------------------|---|
| ENGL 101 | Reading and Composition | 3 |
| ENGL 101H | Reading and Composition – Honors | 3 |
| ESL 101 | Reading and Composition | 3 |

A3 - Critical Thinking

| | | |
|-----------|--|---|
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking – Honors | 3 |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |
| PHIL 110 | Philosophy/Logic | 3 |

AREA B - PHYSICAL UNIVERSE AND ITS LIFE FORMS

9 semester or 12 quarter units required with at least one course each from physical science, life science (at least one to contain a laboratory component) and mathematics/quantitative reasoning

B1 - Physical Science (courses listed in bold face type also meet the B3 Laboratory Activity requirement)

| | | |
|-----------------|--|----------|
| ASTR 115 | Planetary Astronomy | 3 |
| ASTR 115H | Planetary Astronomy – Honors | 3 |
| ASTR 116 | Stellar Astronomy | 4 |
| ASTR 117 | Life In The Universe | 3 |
| CHEM 103 | College Chemistry | 5 |
| CHEM 104 | College Chemistry | 5 |
| CHEM 106 | Physical Science for Educators | 4 |
| CHEM 110 | Beginning General Chemistry | 5 |
| CHEM 111 | General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| CHEM 210 | Organic Chemistry A | 3 |
| CHEM 220 | Organic Chemistry B | 3 |
| ESCI 106 | Earth and Space Science for Educators | 4 |
| ESCI 119 | Physical Geology without laboratory | 3 |
| ESCI 120 | Physical Geology | 4 |
| ESCI 121 | Historical Geology | 4 |
| ESCI 122 | Geology: Earth History | 3 |
| ESCI 124 | Environmental Geology | 3 |
| ESCI 130 | Physical Oceanography | 3 |
| GEOG 118 | Physical Geography | 3 |
| PHYS 106 | Physical Science for Educators | 4 |
| PHYS 110 | Introduction to College Physics | 4 |

| | | |
|-----------------|---|----------|
| PHYS 111 | Physics for Life Sciences I | 4 |
| PHYS 112 | Physics for Life Sciences II | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |
| PHYS 203 | Physics C: Waves, Optics & Modern Physics | 4 |

B2 - Life Science

| | | |
|------------------|--|----------|
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| BIOL 102 | Human Genetics | 3 |
| BIOL 104 | Biology: Contemporary Topics | 3 |
| BIOL 105 | General Biology | 4 |
| BIOL 105H | General Biology – Honors | 4 |
| BIOL 109 | Biology for Educators | 4 |
| BIOL 124 | Principles of Biology I | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| BIOL 145 | Environmental Science | 3 |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |

B3 - Laboratory Activity

| | | |
|------------------|---|----------|
| ANTH 212L | Introduction to Physical Anthropology Lab | 1 |
| ASTR 116 | Stellar Astronomy | 4 |
| BIOL 105 | General Biology | 4 |
| BIOL 105H | General Biology – Honors | 4 |
| BIOL 109 | Biology for Educators | 4 |
| BIOL 124 | Principles of Biology I | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |
| CHEM 103 | College Chemistry | 5 |
| CHEM 104 | College Chemistry | 5 |
| CHEM 106 | Physical Science for Educators | 4 |
| CHEM 110 | Beginning General Chemistry | 5 |
| CHEM 111 | General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| ESCI 106 | Earth and Space Science for Educators | 4 |
| ESCI 120 | Physical Geology | 4 |
| ESCI 121 | Historical Geology | 4 |
| PHYS 106 | Physical Science for Educators | 4 |
| PHYS 110 | Introduction to College Physics | 4 |
| PHYS 111 | Physics for Life Sciences I | 4 |
| PHYS 112 | Physics for Life Sciences II | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |
| PHYS 203 | Physics C: Waves, Optics & Modern Physics | 5 |

B4 - Mathematics/Quantitative Thinking

| | | |
|-----------------|--|----------|
| MATH 151 | Plane Trigonometry | 4 |
| MATH 160 | Survey of Mathematics | 4 |
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |
| MATH 168 | Mathematics for Elementary Teachers I | 4 |
| MATH 169 | Mathematics for Elementary Teachers II | 4 |
| MATH 170 | College Algebra | 4 |
| MATH 175 | Pre-Calculus | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| MATH 210 | Calculus with Analytic Geometry III | 4 |
| MATH 211 | Differential Equations | 5 |
| MATH 212 | Introduction to Linear Algebra | 4 |
| PSY 103 | Statistics for the Social and Behavioral Sciences | 3 |

AREA C - ARTS, LITERATURE, PHILOSOPHY AND FOREIGN LANGUAGE

9 semester or 12 quarter units required with at least one course each in arts and humanities

C1 - Arts, Dance, Music, Theater

| | | |
|-----------------|--|----------|
| ARCH 250 | History of Architecture: Prehistory to Mannerism | 3 |
| ARCH 251 | History of Architecture: Baroque to the Present Day | 3 |
| ART 100 | Art History and Appreciation – Fundamentals | 3 |
| ART 101 | Art History and Appreciation – Ancient | 3 |
| ART 102 | Art History and Appreciation – Medieval | 3 |
| ART 103 | Art History and Appreciation - Renaissance to Rococo | 3 |
| ART 104 | Art History and Appreciation - 19th Century Art | 3 |
| ART 105 | Art History and Appreciation - Early 20th Century Art | 3 |
| ART 110 | Introduction to the Visual Arts | 3 |
| ART 111 | Beginning Drawing | 3 |
| ART 112 | Intermediate Drawing | 3 |
| ART 130 | Beginning Painting | 3 |
| ART 140 | Beginning Ceramics | 3 |
| ART 199 | Motion Picture Appreciation | 3 |
| ART 200 | History of Motion Pictures | 3 |
| ART 201 | History of Motion Pictures II | 3 |
| ART 206 | History of Latin American Art | 3 |

| | | |
|----------|--|---|
| ART 207 | History of Asian Art - China, Korea, and Japan | 3 |
| COMM 136 | Cultural History of American Films | 3 |
| DANC 102 | History of Dance | 3 |
| MUSE 109 | Music Appreciation | 3 |
| MUSE 110 | History of Music I | 3 |
| MUSE 111 | History of Music II | 3 |
| MUSE 112 | History of Jazz | 3 |
| MUSE 113 | History of Rock and Roll | 3 |
| MUSE 114 | Introduction to American Music | 3 |
| THEA 101 | Introduction to Theatre Arts | 3 |
| THEA 200 | The Art of the Theatre | 3 |
| THEA 201 | Stage Acting I – Beginning | 3 |
| THEA 202 | Stage Acting II – Intermediate | 3 |

C2 - Humanities

| | | |
|-----------|--|---|
| ARCH 250 | History of Architecture: Prehistory to Mannerism | 3 |
| ARCH 251 | History of Architecture: Baroque to the Present Day | 3 |
| CHIN 101 | Chinese I | 5 |
| CHIN 102 | Chinese II | 5 |
| COMM 200 | Visual Communications | 3 |
| ENGL 102 | Introduction to Literature | 3 |
| ENGL 213 | Horror Literature | 3 |
| ENGL 213H | Horror Literature – Honors | 3 |
| ENGL 216 | American Latino Literature | 3 |
| ENGL 251 | Introduction to English Literature I | 3 |
| ENGL 252 | Introduction to English Literature II | 3 |
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 |
| ENGL 291 | Film as Literature | 3 |
| ENGL 291H | Film as Literature – Honors | 3 |
| ENGL 293 | Children's Literature | 3 |
| ENGL 293H | Children's Literature – Honors | 3 |
| ENGL 294 | Introduction to Shakespeare | 3 |
| ENGL 298 | Literature of the Bible | 3 |
| FREN 101 | French I | 5 |
| FREN 102 | French II | 5 |
| GER 101 | German I | 5 |
| GER 102 | German II | 5 |
| GER 201 | German III | 5 |
| GER 202 | German IV | 5 |

| | | |
|-----------|--|---|
| HIST 103 | History of World Civilization up to 1500 | 3 |
| HIST 103H | History of World Civilization up to 1500 – Honors | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 |
| HIST 107 | History of the United States before 1877 | 3 |
| HIST 107H | History of the United States before 1877 – Honors | 3 |
| HIST 108 | History of the United States from 1877 | 3 |
| HIST 108H | History of the United States from 1877 – Honors | 3 |
| HIST 120 | British Civilization | 3 |
| HIST 130 | Latin American Culture and Civilization | 3 |
| HIST 131 | History of Latin America to 1825 | 3 |
| HIST 132 | History of Modern Latin America | 3 |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 |
| HUM 101H | Humanities - Prehistory through the Medieval Period – Honors | 3 |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |
| HUM 110 | Humanities in the 20th Century | 3 |
| HUM 127 | Spanish Civilization | 3 |
| JPN 101 | Japanese I | 5 |
| JPN 102 | Japanese II | 5 |
| PHIL 101 | Great Religions of the World | 3 |
| PHIL 106 | Introduction to Philosophy | 3 |
| PHIL 106H | Introduction to Philosophy – Honors | 3 |
| PHIL 108 | Philosophy/Ethics | 3 |
| SPAN 101 | Spanish I | 5 |
| SPAN 102 | Spanish II | 5 |
| SPAN 127 | Spanish Civilization | 3 |
| SPAN 130 | Latin American Culture and Civilization | 3 |
| SPAN 201 | Spanish III | 5 |
| SPAN 202 | Spanish IV | 5 |
| SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |
| SPAN 211 | Reading and Composition for Speakers of Spanish II | 5 |

AREA D - SOCIAL, POLITICAL AND ECONOMIC INSTITUTIONS AND BEHAVIOR, HISTORICAL BACKGROUND

9 semester or 12 quarter units required with courses in at least two disciplines

D0 - Sociology and Criminology

| | | |
|-----------|---|---|
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective – Honors | 3 |
| SOC 118 | Minorities in America | 3 |
| SOC 201 | Introduction to Sociology | 3 |
| SOC 201H | Introduction to Sociology – Honors | 3 |
| SOC 202 | Contemporary Social Problems | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| SOC 220 | Introduction to Gender | 3 |

D1 - Anthropology and Archeology

| | | |
|-----------|---|---|
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| ANTH 210H | Introduction to Cultural Anthropology – Honors | 3 |
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective – Honors | 3 |
| ANTH 220 | Introduction to Archaeology | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |

D2 - Economics

| | | |
|-----------|---------------------------------------|---|
| ECON 100 | Survey of Economics | 3 |
| ECON 101 | Principles of Macroeconomics | 3 |
| ECON 101H | Principles of Macroeconomics – Honors | 3 |
| ECON 102 | Principles of Microeconomics | 3 |

D3 - Ethnic Studies

| | | |
|----------|---|---|
| ETHN 101 | Introduction to Ethnic Studies | 3 |
| ETHN 116 | Introduction to Chicano Studies | 3 |
| HIST 111 | History of the African-Americans to 1876 | 3 |
| HIST 112 | History of the African-Americans since 1876 | 3 |
| SOC 118 | Minorities in America | 3 |

D4 - Gender Studies

| | | |
|-----------|---|---|
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective – Honors | 3 |
| PSY 226 | Psychology of Women | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |

D5 - Geography

| | | |
|----------|---------------------------------------|---|
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| GEOG 102 | Cultural Geography | 3 |

D6 - History

| | | |
|-----------|---|---|
| HIST 103 | History of World Civilization up to 1500 | 3 |
| HIST 103H | History of World Civilization up to 1500 – Honors | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 |
| HIST 107 | History of the United States before 1877 | 3 |
| HIST 107H | History of the United States before 1877 – Honors | 3 |
| HIST 108 | History of the United States from 1877 | 3 |
| HIST 108H | History of the United States from 1877 – Honors | 3 |
| HIST 109 | The World in Conflict - The 20th Century, a History | 3 |
| HIST 110 | A Survey History of Africa | 3 |
| HIST 111 | History of the African-Americans to 1876 | 3 |
| HIST 112 | History of the African-Americans since 1876 | 3 |
| HIST 130 | Latin American Culture and Civilization | 3 |
| HIST 131 | History of Latin America to 1825 | 3 |
| HIST 132 | History of Modern Latin America | 3 |
| HIST 139 | History of California | 3 |
| HIST 145 | History of Mexico | 3 |
| HIST 155 | History of the Vietnam War | 3 |
| HIST 222 | History of World War II | 3 |
| HUM 127 | Spanish Civilization | 3 |

D7 - Interdisciplinary Social and Behavioral Science

| | | |
|----------|--|---|
| CHLD 111 | Child Development Youth – Adolescence | 3 |
| CHLD 114 | Home-Child-Community Relations | 3 |
| COMM 100 | Mass Media and Society | 3 |
| HIST 120 | British Civilization | 3 |
| HUM 127 | Spanish Civilization | 3 |
| LING 101 | Introduction to Language and Linguistics | 3 |
| SOC 114 | Marriage, Family, and Intimate Relations | 3 |
| SOC 202 | Contemporary Social Problems | 3 |
| SPAN 127 | Spanish Civilization | 3 |
| SPAN 130 | Latin American Culture and Civilization | 3 |

D8 - Political Science, Government, and Legal Institutions

| | | |
|-----------|---|---|
| AJ 101 | Introduction to the Administration of Justice | 3 |
| AJ 102 | Concepts of Criminal Law | 3 |
| POLI 103 | American Government and Politics | 3 |
| POLI 103H | American Government and Politics – Honors | 3 |
| POLI 104 | Introduction to Political Science | 3 |
| POLI 105 | Comparative Politics | 3 |
| POLI 108 | Political Theory | 3 |
| POLI 116 | International Relations | 3 |

D9 - Psychology

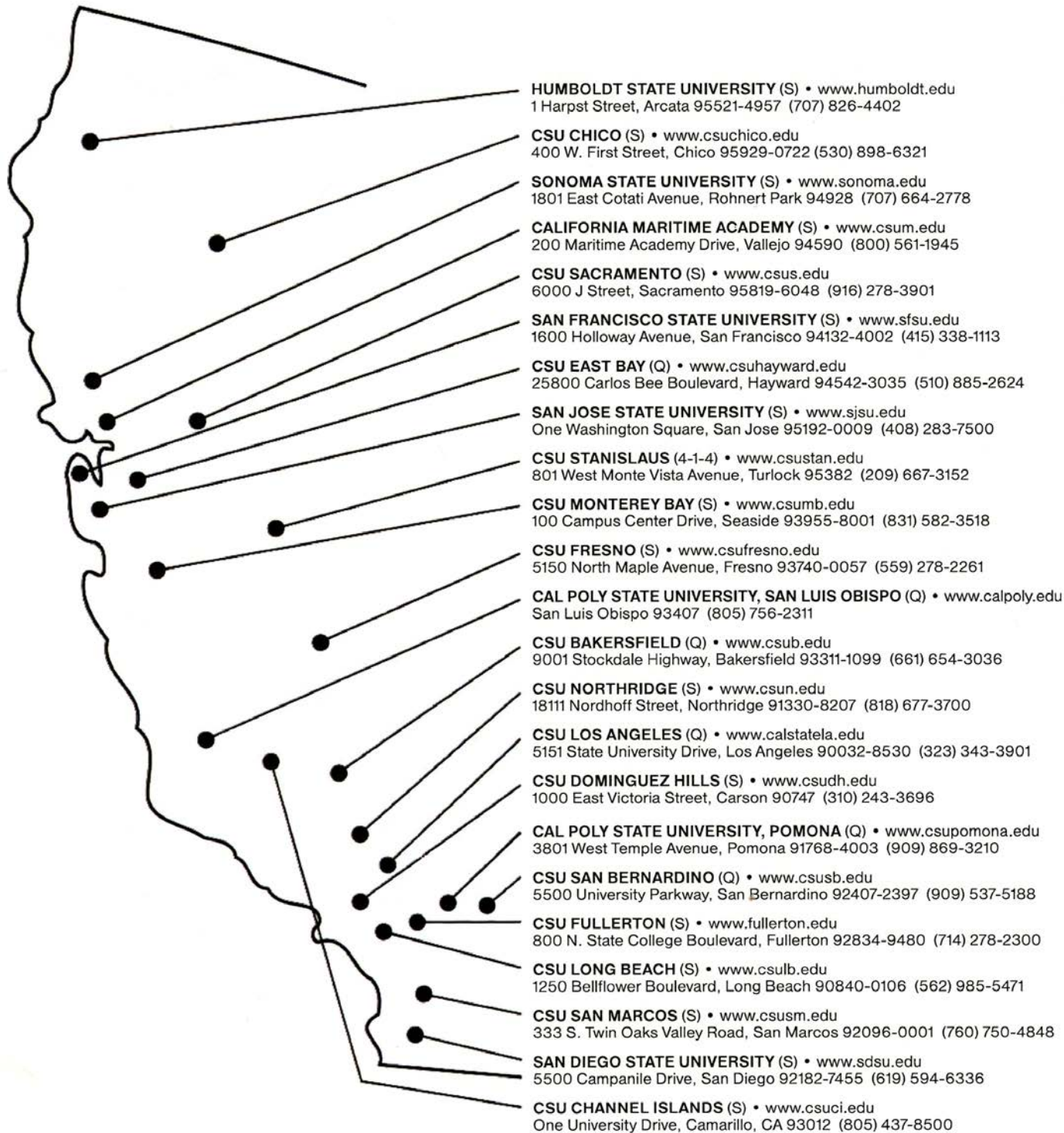
| | | |
|----------|-------------------------------------|---|
| CHLD 110 | Early Childhood Development | 3 |
| PSY 101 | Introduction to Psychology | 3 |
| PSY 101H | Introduction to Psychology – Honors | 3 |
| PSY 110 | Psychology of Religion I | 3 |
| PSY 203 | Research Methods in Psychology | 4 |
| PSY 205 | Developmental Psychology | 3 |
| PSY 206 | Child Growth and Development | 3 |
| PSY 212 | Behavioral Disorders | 3 |
| PSY 220 | Introduction to Social Psychology | 3 |
| PSY 225 | Psychology of Human Sexuality | 3 |
| PSY 226 | Psychology of Women | 3 |

AREA E - LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT**3 semester units****E - Lifelong Understanding and Self Development**

| | | |
|----------|--|---|
| BIOL 116 | HIV and AIDS: Insights and Implications | 3 |
| BUS 146 | Personal Finance | 3 |
| COUN 145 | Career/Life Planning | 3 |
| KIN 170 | Fitness for Life | 3 |
| KIN 171 | Health Science | 3 |
| KIN 171H | Health Science – Honors | 3 |
| KIN 173 | Nutrition for Fitness | 3 |
| LEAD 103 | Foundations of Leadership | 3 |
| PSY 206 | Child Growth and Development | 3 |
| PSY 213 | Survey of Drug and Alcohol Use and Abuse | 3 |
| PSY 225 | Psychology of Human Sexuality | 3 |
| SOC 114 | Marriage, Family, and Intimate Relations | 3 |

*Class of 1917, the college's first graduates**Citrus College Student Center, 1960s*

California State University Campuses



S = SEMESTER SYSTEM Q = QUARTER SYSTEM

University of California

The University of California System (UC) consists of 10 campuses

Berkeley
 Davis
 Irvine
 Los Angeles
 Merced
 Riverside
 San Diego
 San Francisco (Medical Center)
 Santa Barbara
 Santa Cruz

Each campus within the UC system has its own unique geographic and academic character. The UC offers bachelor's, master's, and doctoral degrees in a variety of subject areas.

Articulation agreements between California Community Colleges and individual UC campuses can be found on www.assist.org. Articulation agreements can help identify courses to select for course transferability, major preparation and general education requirements.

Many UC campuses offer individual admission agreements that guarantee students space on campus or in a particular major, provided they complete specific academic requirements while at a community college. Citrus College has Transfer Admission Guarantees (TAGs) with Davis, Irvine, Merced, Riverside, Santa Barbara and Santa Cruz. Students are urged to secure UC admission by submitting a TAG during the TAG application filing period, September 1 - 30. TAG criteria can be found at www.universityofcalifornia.edu/admissions/transfer/index.html

Transfer Eligibility Requirements

The UC considers a student a transfer applicant if they are enrolled in a regular session at a college or university after high school, not including summer session. The student's college record cannot be disregarded; they cannot apply as a freshman. A maximum of 70 semester units of transferable credit will be accepted for courses completed at a community college.

The UC gives junior-level community college students first priority over other transfer applicants, including those from four-year institutions and UC's own inter-campus transfer students.

Junior-Level Transfer

To be considered for UC admission as a junior, you must fulfill both of the following:

1. Complete 60 semester (90 quarter) units of transferable college credit with a GPA of at least 2.4 (2.8 if you're a nonresident). No more than 14 semester (21 quarter) units may be taken Pass/No Pass.
2. Complete the following course pattern requirements, earning a grade of C or better in each course:
 - Two transferable college courses (3 semester or 4-5 quarter units each) in English composition
 - One transferable college course (3 semester or 4-5 quarter units) in mathematical concepts and quantitative reasoning
 - Four transferable college courses (3 semester or 4-5 quarter units each) chosen from at least two of the following subject areas:
 - arts and humanities
 - social and behavioral sciences
 - physical and biological sciences

Each course in this pattern must be worth at least three semester units and you must earn a grade of C or better in each course. For information about which community college courses are UC transferable and which are approved for UC Transfer Admissions Eligibility, visit www.assist.org.

Lower-Division Transfer

While all UC campuses welcome a large pool of junior-level transfers, most admit only a limited number of lower-division students:

- If you were eligible for admission to UC when you graduated from high school — meaning you satisfied the subject, examination and scholarship requirements or were identified by UC during your senior year as Eligible in the Local Context (ELC) and completed the subject and examination requirements in your senior year — you are eligible for transfer if you have a 2.0 GPA in your transferable college course work (2.8 GPA for non-residents).
- If you met the scholarship requirement in high school, but did not satisfy the 15-course subject requirement, you must take transferable college courses in the missing subjects, earn a C or better in each required course and have an overall 2.0 GPA in all transferable coursework to be eligible to transfer (a 2.8 GPA is required for nonresidents).

Nonresidents

The minimum admission requirements for nonresidents are very similar to those for residents. Non-California residents must consult with the admissions office at one of the UC campuses for details. In all cases, however, nonresidents must have a grade point average of 2.8 or higher in all transferable college coursework.

Intersegmental General Education Transfer Curriculum (IGETC)

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the University of California (UC) or the California State University (CSU) systems without the need to complete additional lower-division general education courses. The IGETC is not an admission requirement for transfer to UC or CSU, nor is it the only way to fulfill prior to transfer the lower-division, general education requirements of UC or CSU. Students pursuing majors that require extensive lower-division preparation may not find the IGETC option to be advantageous. Students who have taken Advanced Placement (AP) examinations may be able to use them towards credit for IGETC.

IGETC Area 1: English Communication

CSU - 3 courses required, one each from Group A, B and C

UC - 2 courses required, one each from Group A and B

1A: English Composition Units

| | | |
|-----------|----------------------------------|---|
| ENGL 101 | Reading and Composition | 3 |
| ENGL 101H | Reading and Composition - Honors | 3 |
| ENGL 102 | Introduction to Literature | 3 |

1B: Critical Thinking-English Composition

| | | |
|-----------|--|---|
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking - Honors | 3 |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |

**1C: Oral Communication (CSU requirement only)
1 course, 3 semester units**

| | | |
|-----------|--------------------------|---|
| SPCH 101 | Public Address | 3 |
| SPCH 101H | Public Address - Honors | 3 |
| SPCH 103 | Argumentation and Debate | 3 |

IGETC Area 2: Mathematical Concepts and Quantitative Reasoning

1 course, 3 semester units

2A: Mathematics Units

| | | |
|----------|---|---|
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |
| MATH 170 | College Algebra | 4 |
| MATH 175 | Pre-Calculus | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| MATH 210 | Calculus with Analytic Geometry III | 4 |
| MATH 211 | Differential Equations | 5 |
| MATH 212 | Introduction to Linear Algebra | 4 |
| PSY 103 | Statistics for the Social and Behavioral Sciences | 3 |
| PSY 203 | Research Methods in Psychology | 4 |

IGETC Area 3: Arts and Humanities

At least 3 courses, with at least one course from the arts and one course from the humanities, 9 semester units

3A: Fine Arts

| | | |
|----------|---|---|
| ARCH 250 | History of Architecture I | 3 |
| ARCH 251 | History of Architecture: Baroque to the Present Day | 3 |
| ART 100 | Art History and Appreciation - Fundamentals | 3 |
| ART 101 | Art History and Appreciation - Ancient | 3 |
| ART 102 | Art History and Appreciation - Medieval | 3 |
| ART 103 | Art History and Appreciation - Renaissance to Rococo | 3 |
| ART 104 | Art History and Appreciation - 19th Century Art | 3 |
| ART 105 | Art History and Appreciation - Early 20th Century Art | 3 |
| ART 110 | Introduction to the Visual Arts | 3 |
| ART 199 | Motion Picture Appreciation | 3 |
| ART 200 | History of Motion Pictures | 3 |
| ART 201 | History of Motion Pictures II | 3 |
| ART 206 | History of Latin American Art | 3 |
| ART 207 | History of Asian Art - China, Korea, and Japan | 3 |
| COMM 136 | Cultural History of American Films | 3 |
| DANC 102 | History of Dance | 3 |
| MUSE 109 | Music Appreciation | 3 |
| MUSE 110 | History of Music I | 3 |
| MUSE 111 | History of Music II | 3 |
| MUSE 112 | History of Jazz | 3 |
| MUSE 113 | History of Rock and Roll | 3 |
| MUSE 114 | Introduction to American Music | 3 |
| THEA 101 | Introduction to Theatre Arts | 3 |
| THEA 200 | The Art of the Theatre | 3 |

| 3B: Humanities | | Units | | | Units |
|-----------------------|--|--------------|--|---|--------------|
| ARCH 250 | History of Architecture: Prehistory to Mannerism. | 3 | HUM 110 | Humanities in the 20th Century | 3 |
| ARCH 251 | History of Architecture: Baroque to the Present Day | 3 | HUM 127 | Spanish Civilization | 3 |
| CHIN 102 | Chinese II | 3 | JPN 102 | Japanese II | 5 |
| ENGL 102 | Introduction to Literature | 3 | PHIL 101 | Great Religions of the World | 3 |
| ENGL 213 | Horror Literature | 3 | PHIL 106 | Introduction to Philosophy | 3 |
| ENGL 213H | Horror Literature - Honors | 3 | PHIL 106H | Introduction to Philosophy - Honors | 3 |
| ENGL 216 | American Latino Literature | 3 | PHIL 108 | Philosophy/Ethics | 3 |
| ENGL 251 | Introduction to English Literature I | 3 | SPAN 102 | Spanish II | 5 |
| ENGL 252 | Introduction to English Literature II | 3 | SPAN 127 | Spanish Civilization | 3 |
| ENGL 261 | Introduction to U.S. American Literature I | 3 | SPAN 130 | Latin American Culture and Civilization | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 | SPAN 201 | Spanish III | 5 |
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 | SPAN 202 | Spanish IV | 5 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 | SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |
| ENGL 291 | Film as Literature | 3 | SPAN 211 | Reading and Composition for Speakers of Spanish II | 5 |
| ENGL 291H | Film as Literature - Honors | 3 | | | |
| ENGL 293 | Children's Literature | 3 | IGETC Area 4: Social and Behavioral Sciences | | |
| ENGL 293H | Children's Literature - Honors | 3 | 4A: Anthropology and Archaeology | | |
| ENGL 294 | Introduction to Shakespeare | 3 | At least 3 courses from at least 2 disciplines or an interdisciplinary sequence, 9 semester units | | |
| ENGL 298 | Literature of the Bible | 3 | ANTH 210 | Introduction to Cultural Anthropology | 3 |
| FREN 102 | French II | 5 | ANTH 210H | Introduction to Cultural Anthropology - Honors | 3 |
| GER 102 | German II | 5 | ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| GER 201 | German III | 5 | ANTH 216H | Sex and Gender in a Cross Cultural Perspective - Honors | 3 |
| GER 202 | German IV | 5 | ANTH 220 | Introduction to Archaeology | 3 |
| HIST 103H | History of World Civilization up to 1500 - Honors | 3 | SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| HIST 103 | History of World Civilization up to 1500 | 3 | | | |
| HIST 104 | History of World Civilization since 1500 | 3 | 4B: Economics | | |
| HIST 107 | History of the United States before 1877 | 3 | ECON 100 | Survey of Economics | 3 |
| HIST 107H | History of the United States before 1877 - Honors | 3 | ECON 101 | Principles of Macroeconomics | 3 |
| HIST 108 | History of the United States from 1877 | 3 | ECON 101H | Principles of Macroeconomics - Honors | 3 |
| HIST 108H | History of the United States from 1877 - Honors | 3 | ECON 102 | Principles of Microeconomics | 3 |
| HIST 120 | British Civilization | 3 | 4C: Ethnic Studies | | |
| HIST 130 | Latin American Culture and Civilization | 3 | ETHN 101 | Introduction to Ethnic Studies | 3 |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 | ETHN 116 | Introduction to Chicano Studies | 3 |
| HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 | 4D: Gender Studies | | |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 | ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| | | | ANTH 216H | Sex and Gender in a Cross Cultural Perspective - Honors | 3 |
| | | | SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |

| | | |
|---|---|--------------|
| 4E: Geography | | Units |
| GEOG 102 | Cultural Geography | 3 |
| 4F: History | | |
| HIST 103 | History of World Civilization up to 1500 | 3 |
| HIST 103H | History of World Civilization up to 1500 - Honors | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 |
| HIST 107 | History of the United States before 1877 | 3 |
| HIST 107H | History of the United States before 1877 - Honors | 3 |
| HIST 108 | History of the United States from 1877 | 3 |
| HIST 108H | History of the United States from 1877 - Honors | 3 |
| HIST 109 | The World in Conflict - The 20th Century, a History | 3 |
| HIST 110 | A Survey History of Africa | 3 |
| HIST 111 | History of the African-Americans to 1876 | 3 |
| HIST 112 | History of the African-Americans since 1876 | 3 |
| HIST 130 | Latin American Culture and Civilization | 3 |
| HIST 131 | History of Latin America to 1825 | 3 |
| HIST 132 | History of Modern Latin America | 3 |
| HIST 139 | History of California | 3 |
| HIST 145 | History of Mexico | 3 |
| HIST 155 | History of the Vietnam War | 3 |
| HIST 222 | History of World War II | 3 |
| HUM 127 | Spanish Civilization | 3 |
| SPAN 127 | Spanish Civilization | 3 |
| SPAN 130 | Latin American Culture and Civilization | 3 |
| 4G: Interdisciplinary, Social & Behavioral Sciences | | |
| COMM 100 | Mass Media and Society | 3 |
| HIST 120 | British Civilization | 3 |
| SOC 114 | Marriage, Family, and Intimate Relations | 3 |
| 4H: Political Science, Government & Legal Institutions | | |
| AJ 101 | Introduction to the Administration of Justice | 3 |
| AJ 102 | Concepts of Criminal Law | 3 |
| POLI 103 | American Government and Politics | 3 |
| POLI 103H | American Government and Politics - Honors | 3 |

| | | |
|----------|-----------------------------------|---|
| POLI 104 | Introduction to Political Science | 3 |
| POLI 105 | Comparative Politics | 3 |
| POLI 108 | Political Theory | 3 |
| POLI 116 | International Relations | 3 |

4I: Psychology

| | | |
|----------|-------------------------------------|---|
| PSY 101H | Introduction to Psychology - Honors | 3 |
| PSY 101 | Introduction to Psychology | 3 |
| PSY 110 | Psychology of Religion I | 3 |
| PSY 203 | Research Methods in Psychology | 4 |
| PSY 205 | Developmental Psychology | 3 |
| PSY 206 | Child Growth and Development | 3 |
| PSY 212 | Behavioral Disorders | 3 |
| PSY 220 | Introduction to Social Psychology | 3 |
| PSY 225 | Psychology of Human Sexuality | 3 |
| PSY 226 | Psychology of Women | 3 |

4J: Sociology & Criminology

| | | |
|-----------|---|---|
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective - Honors | 3 |
| SOC 118 | Minorities in America | 3 |
| SOC 201 | Introduction to Sociology | 3 |
| SOC 201H | Introduction to Sociology - Honors | 3 |
| SOC 202 | Contemporary Social Problems | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| SOC 220 | Introduction to Gender | 3 |

IGETC Area 5: Physical and Biological Sciences
2 courses-one physical science course and one biological science course; at least one course must include a laboratory, 7-9 semester units
Courses in bold are lab courses.

Courses in bold are lab courses.

5A: Physical Science

| | | |
|-----------------|-------------------------------------|----------|
| ASTR 115 | Planetary Astronomy | 3 |
| ASTR 115H | Planetary Astronomy - Honors | 3 |
| ASTR 116 | Stellar Astronomy | 4 |
| ASTR 117 | Life In The Universe | 3 |
| CHEM 103 | College Chemistry | 5 |
| CHEM 104 | College Chemistry | 5 |
| CHEM 110 | Beginning General Chemistry | 5 |
| CHEM 111 | General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| CHEM 210 | Organic Chemistry A | 3 |
| CHEM 220 | Organic Chemistry B | 3 |
| ESCI 119 | Physical Geology without laboratory | 3 |
| ESCI 120 | Physical Geology | 4 |

| | | Units |
|-------------------------------|---|-------|
| ESCI 121 | Historical Geology | 4 |
| ESCI 122 | Geology: Earth History | 3 |
| ESCI 130 | Physical Oceanography | 3 |
| GEOG 118 | Physical Geography | 3 |
| PHYS 110 | Introduction to College Physics | 4 |
| PHYS 111 | Physics for Life Sciences I | 4 |
| PHYS 112 | Physics for Life Sciences II | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |
| PHYS 203 | Physics C: Waves, Optics & Modern Physics | 5 |
| 5B: Biological Science | | |
| ANTH 212L | Introduction to Physical Anthropology Lab | 1 |
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| BIOL 102 | Human Genetics | 3 |
| BIOL 104 | Biology: Contemporary Topics | 3 |
| BIOL 105 | General Biology | 4 |
| BIOL 105H | General Biology - Honors | 4 |
| BIOL 124 | Principles of Biology I | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| BIOL 145 | Environmental Science | 3 |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |
| 5C: Science Laboratory | | |
| ANTH 212L | Intro Physical Anth Lab | 1 |
| ASTR 116 | Stellar Astronomy | 4 |
| BIOL 105 | General Biology | 4 |
| BIOL 105H | General Biology - Honors | 4 |
| BIOL 124 | Principles of Biology | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |
| CHEM 103 | College Chemistry | 5 |
| CHEM 104 | College Chemistry | 5 |
| CHEM 110 | Beginning General Chemistry | 5 |
| CHEM 111 | General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| ESCI 120 | Physical Geology with Lab | 4 |
| ESCI 121 | Historical Geology | 4 |
| PHYS 110 | Introduction to College Physics | 4 |
| PHYS 111 | Physics for Life Sciences I | 4 |
| PHYS 112 | Physics for Life Sciences II | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |

IGETC Area 6: Language other than English (UC Requirement Only)

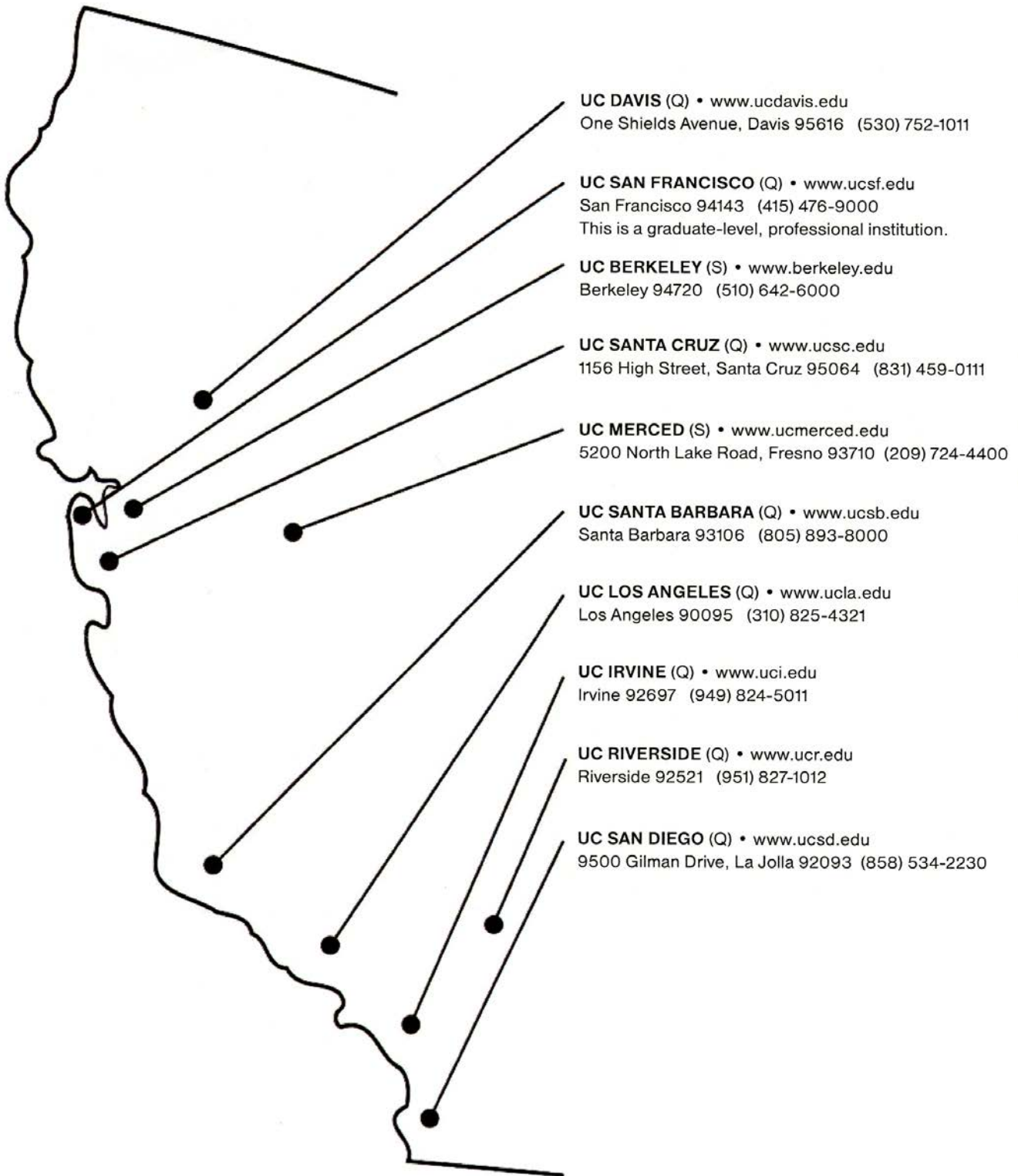
Proficiency equivalent to two years of high school study in the same language.

6A: Languages other than English (UC Requirement Only)

| | | |
|----------|--|---|
| CHIN 101 | Chinese I | 5 |
| CHIN 102 | Chinese II | 5 |
| FREN 101 | French I | 5 |
| FREN 102 | French II | 5 |
| GER 101 | German I | 5 |
| GER 102 | German II | 5 |
| GER 201 | German III | 5 |
| GER 202 | German IV | 5 |
| JPN 101 | Japanese I | 5 |
| JPN 102 | Japanese II | 5 |
| SPAN 101 | Spanish I | 5 |
| SPAN 102 | Spanish II | 5 |
| SPAN 201 | Spanish III | 5 |
| SPAN 202 | Spanish IV | 5 |
| SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |

Courses listed in multiple areas shall not be certified in more than one area except for courses in languages other than English, which can be certified in both areas 3B and 6A.

University of California Campuses



S = SEMESTER SYSTEM Q = QUARTER SYSTEM

Associate Degrees

Associate Degrees for Transfer (AA-T and AS-T)

Administration of Justice A.S. Transfer Degree

Administration of Justice examines the causes of crime and the structure, procedures, and decision-making processes of agencies that deal with crime management. The program leading to the Associate in Science in Administration of Justice for Transfer is designed to provide a theoretical background of the criminal justice system in America (police, courts, and corrections) and familiarize students with academic, career and volunteer opportunities in the field.

Students who complete this degree will be guaranteed admission with junior status to the California State University system, and will be given priority admission to our local CSU campus. Students receiving this transfer degree must meet the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - (B) A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

| Required core courses | | Units |
|-----------------------|---|-------|
| AJ 101 | Introduction to the Administration of Justice | 3 |
| AJ 102 | Concepts of Criminal Law | 3 |

Select two (2) of the following courses

| | | |
|--------|---------------------------|---|
| AJ 103 | Legal Aspects of Evidence | 3 |
| AJ 105 | Criminal Investigation | 3 |
| AJ 108 | Juvenile Procedures | 3 |
| AJ 109 | Criminal Procedures | 3 |
| AJ 112 | Community Relations | 3 |

Select two (2) of the following courses

| | | |
|----------|--|---|
| AJ 103 | Legal Aspects of Evidence | 3 |
| AJ 105 | Criminal Investigation | 3 |
| AJ 106 | Patrol Procedures | 3 |
| AJ 107 | Traffic Control | 3 |
| AJ 108 | Juvenile Procedures | 3 |
| AJ 109 | Criminal Procedures | 3 |
| AJ 111 | Narcotics and Vice Control | 3 |
| AJ 112 | Community Relations | 3 |
| AJ 121 | Death Investigation | 3 |
| AJ 130 | Introduction to Probation and Parole | 3 |
| AJ 131 | Introduction to Corrections | 3 |
| AJ 135 | Control and Supervision in Corrections | 3 |
| AJ 136 | Correctional Interviewing and Counseling | 3 |
| AJ 137 | Legal Aspects of Corrections | 3 |
| MATH 165 | Introductory Statistics | 4 |
| PHIL 110 | Philosophy/Logic | 3 |
| PSY 101 | Introduction to Psychology | 3 |
| SOC 201 | Introduction to Sociology | 3 |

Total Units 18 - 19

A.S.-Transfer Degree Level Student Learning Outcomes

Students completing the Administration of Justice A.S.-Transfer Degree will:

1. Demonstrate a comprehension and appreciation of the connections, contributions, experiences, and potential conflicts of various ethnicities, races, and genders as they interact with the criminal justice components.
2. Demonstrate an understanding of the administration of justice system and how the student as an individual understands career opportunities in the field as well as individual/community rights and responsibilities.
3. Demonstrate an awareness of crime causation, roles of the components of the administration of justice system, and social and economic impact of crime on society.

Business Administration A.S. Transfer Degree

Business is the study of the practices and products of commerce.

The Associate in Science in Business Administration for Transfer (AS-T) provides lower division preparation for students planning to transfer into business or business

administration programs. Students will take courses in business as well as related fields required for business majors. This degree can lead students into several areas of concentration at four-year universities, including the following: business management, business law, marketing, finance, business ethics, and business communications.

Students who complete this degree will be guaranteed admission with junior status to the California State University system, although not a particular campus or major, and will be given priority admission to our local CSU campus.

This degree requires completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- (B) The major preparation courses outlined below.

Students must obtain a minimum grade point average of 2.0 and a C or better in all courses required for the major.

| Required core courses: | | Units |
|-------------------------------|--|--------------|
| ACCT 101 | Financial Accounting | 4 |
| ACCT 102 | Managerial Accounting | 4 |
| ECON 101 | Principles of Macroeconomics | 3 |
| | or | |
| ECON 101H | Principles of Macroeconomics-Honors | 3 |
| ECON102 | Principles of Microeconomics | 3 |
| BUS 160 | Business Law and the Legal Environment I | 3 |

Select one (1) of the following courses:

| | | |
|----------|------------------------------------|---|
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |

Select two (2) of the following courses:

| | | |
|----------|---|---|
| | The course from List A not already chosen | 4 |
| CSIS 130 | Microcomputer Applications I | 4 |
| BUS 130 | Introduction to Business | 3 |
| BUS 152 | Business Communications | 3 |

Total Units 27 - 29

A.S.-Transfer Degree Level Student Learning Outcomes

Students completing the Business Administration A.S.-Transfer Degree will:

1. Effectively communicate within business organizations.
2. Critically analyze business issues.
3. Understand the functions of business management and their impact on organizational performance.
4. Understand the environments that impact on organizational growth.

Communication Studies

A.A. Transfer Degree

The Associate in Arts in Communication Studies for Transfer degree focuses on the areas of public communication, small group communication, oral interpretation, and interpersonal communication. It is designed to increase skills in verbal communication and public speaking, analysis and listening, interpersonal relationships, teamwork and leadership, motivation and initiative, and dealing with diversity.

The Associate in Arts in Communication Studies for Transfer degree provides lower division preparation for students planning to transfer into speech communication and communication studies programs. Students should take courses in both speech communication and media arts. Students who complete this degree will be guaranteed admission with junior status to the California State University system, and will be given priority admission to our local CSU campus.

This degree requires completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- (B) The major preparation courses outlined below.

Students must obtain a minimum grade point average of 2.0 and a C or better in all courses required for the major.

Students are not required to meet additional competency requirements beyond those listed above.

| Required core courses: | | Units |
|--|--|-----------------------|
| SPCH 101 | Public Address | 3 |
| | or | |
| SPCH 101H | Public Address - Honors | 3 |
| Select two (2) of the following: | | |
| SPCH 100 | Interpersonal Communication | 3 |
| SPCH 103 | Argumentation and Debate | 3 |
| SPCH 106 | Small Group Communication | 3 |
| Select two (2) of the following: | | |
| COMM 100 | Mass Media and Society | 3 |
| COMM 101 | Reporting and Writing News | 3 |
| COMM 104 | Public Relations | 3 |
| PHTO 101 | Basic Photography | 3 |
| Select one (1) of the following : | | |
| COMM 101 | Reporting and Writing News | 3 |
| COMM 104 | Public Relations | 3 |
| COMM 136 | Cultural History of American Films | 3 |
| COMM 200 | Visual Communications | 3 |
| COMM 230 | Desktop Publishing | 3 |
| COMM 240A | Newspaper Production Staff | 3 |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |
| | | Total Units 18 |

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the Communication Studies A.A.-Transfer Degree will:

1. Interpret and critically assess a variety of media messages, including those that reflect multicultural perspectives in order to make connections, critically compare and contrast ideas, and produce written, oral, and visual messages.
2. Research, organize, compose, and deliver public presentations on socially significant and intellectually challenging topics in order to demonstrate college-level public speaking skills and critical thinking.
3. Effectively listen to and critically evaluate others' messages in order to appreciate audience needs.

Early Childhood Education A.S. Transfer Degree

Early Childhood Education focuses on the teaching and care of young children by providing the theoretical background of child development and developmentally appropriate practices of the education of young children. Students who complete this degree may enter with junior status to the California State University system, and will be given priority admission to our local CSU campus.

Students receiving this transfer degree must meet the following requirements:
Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
(B) A minimum of 24 semester units in the major as determined by the community college district. (Minimum 2.0 GPA for major courses)

Obtain a minimum grade point average of 2.0.

| Required major courses: | | Units |
|--------------------------------|---|--------------|
| PSY 206 | Child Growth and Development | 3 |
| CHLD 112 | Principles of Early Childhood Education I | 3 |
| CHLD 114 | Home-Child-Community Relations | 3 |
| CHLD 116 | Introduction to Curriculum | 3 |
| CHLD 144 | Health, Safety and Nutrition for Young Children | 3 |
| CHLD 150 | Multi-Culture Anti-Bias Classrooms | 3 |
| CHLD 154 | Observing and Recording Behavior | 3 |

Required practicum (fieldwork) courses:

| | | |
|-----------|--|-----------------------|
| CHLD 156 | Practicum in Early Childhood Education | 2 |
| | and | |
| CHLD 156L | Practicum Lab | 1 |
| | | Total Units 24 |

A.S.-Transfer Degree Level Student Learning Outcomes

Students completing the Early Childhood Education A.S.-Transfer Degree will:

1. Demonstrate the ability to identify, analyze, and apply theories of early childhood education and child development.
2. Demonstrate global consciousness as they work with diverse cultures, families, and individuals and teach children.
3. Acquire knowledge and foundational teaching skills necessary to work in the teaching profession.
4. Apply effective guidance and teaching strategies that support social growth, learning, identity development and promote self-confidence.
5. Design, implement and evaluate environments and activities that support positive relationships, social skills and learning outcomes for children.
6. Apply ethical standards and professional behaviors that demonstrate an understanding knowledge, and a deepening commitment to the child development profession and early childhood education.

Elementary Education

A.A. Transfer Degree

The Associate in Arts in Elementary Education for Transfer degree offers students a breadth of study across disciplines. In this major, students learn to think critically, communicate clearly and prepare for transfer into a liberal studies program at a four-year university. The liberal studies is the most common “approved major” for teacher preparation, and it best prepares students to take the CBEST and CSET exams.

To qualify for this degree students must complete the following requirements:

1) Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

(B) All units in the major with a minimum 2.0 GPA for major courses

2) Obtainment of a minimum grade point average of 2.0.

Students planning to transfer to a four-year college or university should complete courses (and elective courses) specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change. Therefore, it is important to verify transfer major preparation and general education through consultation with the Center for Teacher Excellence or the Career and Transfer Center.

Required core courses: Units

| | | |
|-----------|--|---|
| CHLD 100 | Introduction to Education and Teaching Grades K-12 | 3 |
| ENGL 102 | Introduction to Literature | 3 |
| GEOG 102 | Cultural Geography | 3 |
| MATH 168 | Mathematics for Elementary Teachers I | 4 |
| PSY 206 | Child Growth and Development | 3 |
| ESCI 106 | Earth and Space Science for Educators | 4 |
| | or | |
| ESCI 120 | Physical Geology | 4 |
| ENGL 101 | Reading and Composition | 3 |
| | or | |
| ENGL 101H | Reading and Composition-Honors | 3 |

| | | |
|-----------|---|---|
| SPCH 101 | Public Address | 3 |
| | or | |
| SPCH 101H | Public Address-Honors | 3 |
| BIOL 105 | General Biology | 4 |
| | or | |
| BIOL 105H | General Biology-Honors | 4 |
| | or | |
| BIOL 109 | Biology for Educators | 4 |
| HIST 103 | History of World Civilization up to 1500 | 3 |
| | or | |
| HIST 103H | History of World Civilization up to 1500-Honors | 3 |
| POLI 103 | American Government and Politics | 3 |
| | or | |
| POLI 103H | American Government and Politics-Honors | 3 |
| HIST 107 | History of the United States before 1877 | 3 |
| | or | |
| HIST 107H | History of the United States before 1877-Honors | 3 |

Physical science courses:

Select either CHEM 106 or PHYS 106 or the combination of CHEM 110 and PHYS 110.

| | | |
|----------|---------------------------------|---|
| CHEM 106 | Physical Science for Educators | 4 |
| | or | |
| PHYS 106 | Physical Science for Educators | 4 |
| | or | |
| PHYS 110 | Introduction to College Physics | 4 |
| | and | |
| CHEM 110 | Beginning General Chemistry | 5 |

Select one (1) course from the following:

| | | |
|-----------|--|---|
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking-Honors | 3 |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |

Select one (1) course from the following:

| | | |
|----------|---|---|
| ART 100 | Art History and Appreciation-Fundamentals | 3 |
| MUSE 109 | Music Appreciation | 3 |
| THEA 101 | Introduction to Theatre Arts | 3 |

Select any courses not selected previously or one (1) course from the following:

| | | |
|-----------|--|---|
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 |
| ENGL 293 | Children's Literature | 3 |
| CHIN 102 | Chinese II | 5 |
| HIST 104 | History of World Civilization since 1500 | 3 |
| KIN 176 | Elementary School Physical Education | 3 |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 |
| HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 |
| MUSE 100 | Music Fundamentals | 3 |
| PHIL 101 | Great Religions of the World | 3 |
| PHIL 106 | Introduction to Philosophy | 3 |
| PHIL 106H | Introduction to Philosophy - Honors | 3 |
| PHIL 108 | Philosophy/Ethics | 3 |
| SPAN 102 | Spanish II | 5 |
| SPAN 201 | Spanish III | 5 |
| SPAN 202 | Spanish IV | 5 |
| SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |
| SPAN 211 | Reading and Composition for Speakers of Spanish II | 5 |
| GER 102 | German II | 5 |
| GER 201 | German III | 5 |
| GER 202 | German IV | 5 |
| JPN 102 | Japanese II | 5 |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |

Total Units 52 - 59

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the Elementary Education

A.A.-Transfer Degree will:

1. Demonstrate the acquisition of intellectual and practical skills including critical thinking, inquiry, and analysis.
2. Demonstrate knowledge of integrated studies found in the disciplines in the College of Arts and Sciences.

3. Increased awareness of personal and social responsibility needed for working with diverse peoples by fostering an ethic of social engagement and citizenship.
4. Demonstrate skills needed for teamwork, creativity, problem-solving, collaborative decision-making, and an appreciation of learning.

English

A.A. Transfer Degree

The Associate in Arts Degree in English for Transfer (AA-T) is for students who intend to complete a bachelor's degree in English at a CSU. Core course work explores primarily British and American writers through an array of literary traditions, providing opportunities for students to express their understanding and appreciation of the literary world through analysis, research and composition.

This degree provides lower division preparation for students planning to transfer into English programs. Students will take courses in English as well as related fields required for English majors. Students who complete this degree will be guaranteed admission with junior status to the California State University, though not a particular campus or major, and will be given priority admission to our local CSU campus.

Students receiving this transfer degree must meet the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to California State University, including both of the following:
 - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - (B) A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

Required core courses:

| | | Units |
|----------|--|--------------|
| ENGL 102 | Introduction to Literature | 3 |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |

Select three (3) of the following:

| | | |
|----------|---------------------------------------|---|
| ENGL 251 | Introduction to English Literature I | 3 |
| ENGL 252 | Introduction to English Literature II | 3 |

| | | |
|----------|--|---|
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 |

Select one (1) course not used above or one (1) of the following:

| | | |
|-----------|--|---|
| CHIN 102 | Chinese II | 5 |
| COMM 101 | Reporting and Writing News | 3 |
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking - Honors | 3 |
| ENGL 213 | Horror Literature | 3 |
| ENGL 213H | Horror Literature - Honors | 3 |
| ENGL 291 | Film as Literature | 3 |
| ENGL 291H | Film as Literature - Honors | 3 |
| ENGL 293 | Children's Literature | 3 |
| ENGL 293H | Children's Literature - Honors | 3 |
| ENGL 294 | Introduction to Shakespeare | 3 |
| ENGL 296 | Introduction to Folklore | 3 |
| ENGL 298 | Literature of the Bible | 3 |
| GER 101 | German I | 5 |
| GER 102 | German II | 5 |
| GER 201 | German III | 5 |
| GER 202 | German IV | 5 |
| JPN 101 | Japanese I | 5 |
| JPN 102 | Japanese II | 5 |
| SPAN 101 | Spanish I | 5 |
| SPAN 102 | Spanish II | 5 |
| SPAN 201 | Spanish III | 5 |
| SPAN 202 | Spanish IV | 5 |
| SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |
| SPAN 211 | Reading and Composition for Speakers of Spanish II | 5 |

Total Units 15 - 17

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the English A.A.-Transfer Degree will:

1. Critically analyze and evaluate the subtext of literature texts in order to demonstrate knowledge of literary terminology.
2. Identify and evaluate the writer's use of literature as a persuasive tool to identify and assess the effectiveness of literary works.
3. Recognize the historical and cultural context of material to evaluate the impact of various

- cultural phenomena on perspectives presented in literature.
4. Employ established modes of reasoning in the defense and development of thesis/judgments to clearly demonstrate knowledge of critical analysis tools in all written work.
5. Critically analyze and synthesize source material to demonstrate the ability to write at the college level.
6. Demonstrate cultural awareness, personal responsibility, and ethical behavior in evaluating and writing about literature.
7. Demonstrate an appreciation and understanding of the scientific method of enquiry.

History

A.A. Transfer Degree

This degree provides lower division preparation for students planning to transfer into history programs at four-year colleges and universities. Students will take history courses as well as courses in related fields required for history majors.

In addition to helping students meet general education and core requirements for transfer to an upper-division level history program, the courses are designed to give students a foundation in the examination of the record of human development. Special attention will be given to changing social, political, economic, and cultural structures and to the trends and patterns in history as they develop between and across regions. Students will be exposed to research methods that will help them contextualize their historical experience as well as develop skills in critical thought and writing.

Students who complete this degree will be guaranteed admission with junior status to the California State University, though not a particular campus or major, and will be given priority admission to our local CSU campus.

Students receiving this transfer degree must meet the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - (B) A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.

| Required courses: | | Units | Select one (1) of the following courses: | | Units |
|--------------------------|---|--------------|---|---|--------------|
| HIST 107 | History of the United States before 1877 | 3 | HIST 105 | History of World Civilization - The 20th Century | 3 |
| | or | | HIST 109 | The World in Conflict - The 20th Century, a History | 3 |
| HIST 107H | History of the United States before 1877 - Honors | 3 | HIST 110 | A Survey History of Africa | 3 |
| | or | | HIST 111 | History of the African-Americans to 1876 | 3 |
| HIST 108 | History of the United States from 1877 | 3 | HIST 112 | History of the African-Americans since 1876 | 3 |
| | or | | HIST 120 | British Civilization | 3 |
| HIST 108H | History of the United States from 1877 - Honors | 3 | HIST 130 | Latin American Culture and Civilization | 3 |
| | or | | HIST 131 | History of Latin America to 1825 | 3 |
| HIST 103 | History of World Civilization up to 1500 | 3 | HIST 132 | History of Modern Latin America | 3 |
| | or | | HIST 139 | History of California | 3 |
| HIST 103H | History of World Civilization up to 1500 - Honors | 3 | HIST 140 | History of the American West | 3 |
| | or | | HIST 145 | History of Mexico | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 | HIST 155 | History of the Vietnam War | 3 |
| | Select one (1) of the following courses | | HIST 222 | History of World War II | 3 |
| HIST 105 | History of World Civilization - The 20th Century | 3 | HUM 101 | Humanities - Prehistory through the Medieval Period | 3 |
| HIST 109 | The World in Conflict - The 20th Century, a History | 3 | HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 |
| HIST 110 | A Survey History of Africa | 3 | HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |
| HIST 111 | History of the African-Americans to 1876 | 3 | HUM 127 | Spanish Civilization | 3 |
| HIST 112 | History of the African-Americans since 1876 | 3 | POLI 103 | American Government and Politics | 3 |
| HIST 130 | Latin American Culture and Civilization | 3 | POLI 103H | American Government and Politics - Honors | 3 |
| HIST 131 | History of Latin America to 1825 | 3 | POLI 116 | International Relations | 3 |
| HIST 132 | History of Modern Latin America | 3 | | Total Units 18 - 20 | |
| HIST 145 | History of Mexico | 3 | | A.A.-Transfer Degree Level Student Learning Outcomes | |
| HIST 155 | History of the Vietnam War | 3 | | Students completing the History A.A.-Transfer Degree will: | |
| HIST 222 | History of World War II | 3 | | 1. Demonstrate an ability to write clearly and accurately about the historical process using an appropriate vocabulary. | |
| ANTH 210 | Introduction to Cultural Anthropology | 3 | | 2. Demonstrate critical and analytical thinking about historical themes to compare and contrast time periods or groups of people and their experiences. | |
| ANTH 210H | Introduction to Cultural Anthropology - Honors | 3 | | 3. Demonstrate a comprehension and appreciation of the connections, contributions, and experiences of various regions, ethnicities, races and genders in the creation of the modern world to develop a pluralistic perspective. | |
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 | | 4. Demonstrate quantitative knowledge of important historical patterns, processes, developments, figures and events to comprehend the chronology of historical events and patterns and their impact on developing societies. | |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective - Honors | 3 | | | |
| GER 201 | German III | 5 | | | |
| GER 202 | German IV | 5 | | | |
| SOC 118 | Minorities in America | 3 | | | |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 | | | |
| SPAN 201 | Spanish III | 5 | | | |
| SPAN 202 | Spanish IV | 5 | | | |

Journalism

A. A. Transfer Degree

The Associate in Arts in Journalism for transfer (AA-T) is intended for students who plan to transfer and complete a bachelor’s degree in journalism, or a similar major such as Communications/Media Arts and marketing at a CSU campus or for entry-level positions in the news/information industry. Students completing the AA-T degree in journalism are guaranteed admission to the CSU system, but not necessarily to a particular CSU campus or major of their choice. Students should consult with a counselor for more information on university admission and transfer requirements as this AA-T in journalism may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system. Student journalists are encouraged to participate in campus media and internships as productivity is key to success in this rapidly evolving profession.

To earn an AA-T in journalism, students must complete the following:

1. Minimum of 60 CSU transferable semester units
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some transfer institutions and majors may require a higher GPA
3. Completion of 18-19 specified major units. All courses in the major must be completed with a grade of C or better
4. Certified completion of the California State University General Education-Breadth pattern or the Intersegmental General Education Transfer Curriculum (IGETC for CSU) pattern

Required courses:

| | Units |
|---|--------------|
| COMM 100 Mass Media and Society | 3 |
| COMM 101 Reporting and Writing News | 3 |
| COMM 240A Newspaper Production: Beginning Staff | 3 |

Select one of the following:

| | |
|-------------------------------|---|
| COMM 104 Public Relations | 3 |
| COMM 250 Multimedia Reporting | 3 |

Select two of the following:

| | |
|---|---|
| COMM 230 Desktop Publishing | 3 |
| ECON 101 Principles of Macroeconomics | 3 |
| ECON 101H Principles of Macroeconomics - Honors | 3 |
| ECON 102 Principles of Economics | 3 |

| | | |
|-----------|---|---|
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking - Honors | 3 |
| MATH 165 | Introductory Statistics | 4 |
| PHIL 110 | Philosophy/Logic | 3 |
| POLI 103 | American Government and Politics | 3 |
| POLI 103H | American Government and Politics - Honors | 3 |
| POLI 105 | Comparative Politics | 3 |
| PSY 103 | Statistics for the Social and Behavioral Sciences | 3 |
| SPCH 103 | Argumentation and Debate | 3 |
| PHTO 101 | Basic Photography | 3 |
| PHTO 202 | Photojournalism | 3 |

Total Units 18 - 19

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the Journalism A.A.-Transfer Degree will:

1. Understand and exercise of journalistic rights and responsibilities
2. Understand the media, information, and their relation to society

Kinesiology

A. A. Transfer Degree

The Associate in Arts in Kinesiology for Transfer (AA-T) program is designed to prepare students for CSU transfer to complete a bachelor’s degree in kinesiology, exercise science, physical education, pre-physical therapy, athletic training and other related allied health professions. Interested students may also pursue careers as personal trainers.

Students completing this degree, AA-T in Kinesiology, are guaranteed admission to the California State University system, although not necessarily to a particular campus or major of choice. Students should consult with a counselor for more information on university admission and transfer requirements as this AA-T in Kinesiology degree may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

To earn an Associate in Arts in Kinesiology for Transfer, students must complete the following:

1. Minimum completion of 60 CSU transferrable semester units
2. Minimum Grade Point Average (GPA) of at least 2.0 in all CSU-transferrable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA
3. Completion of 21-24 specified major units. All courses in the major must be completed with a grade of C or better (Title V 55063)
4. Certified completion of the California State University General Education - Breadth pattern or the Intersegmental General Education Transfer Curriculum (IGETC for CSU) pattern

| Required core courses: | | Units |
|-------------------------------|-----------------------------|--------------|
| KIN 100 | Introduction to Kinesiology | 3 |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |

Select three (3) of the following movement based courses with not more than one from each area.

Aquatics

| | | |
|---------|--|---|
| KIN 142 | Swimming - Beginning | 1 |
| KIN 143 | Swimming - Intermediate/ Advanced | 1 |
| KIN 147 | Swimming for Cardiovascular Improvement | 1 |

Combatives

| | | |
|---------|----------------------------------|---|
| KIN 104 | Self-Defense and Personal Safety | 1 |
|---------|----------------------------------|---|

Team Sports

| | | |
|---------|------------|---|
| KIN 130 | Basketball | 1 |
| KIN 134 | Softball | 1 |
| KIN 135 | Volleyball | 1 |

Fitness

| | | |
|---------|--------------------------|---|
| KIN 151 | Body Conditioning | 1 |
| KIN 152 | Weight Training | 1 |
| KIN 153 | Walking/Jogging | 1 |
| KIN 154 | Advanced Weight Training | 2 |
| KIN 159 | Cardiovascular Training | 1 |

Individual Sports

| | | |
|---------|-----------|---|
| KIN 101 | Badminton | 1 |
| KIN 103 | Golf | 1 |
| KIN 108 | Tennis | 1 |
| KIN 116 | Yoga | 1 |

Dance

| | | |
|----------|-----------------------------|---|
| DANC 161 | Beginning Modern Dance | 1 |
| DANC 261 | Intermediate Modern Dance I | 1 |

Select two of the following courses

| | | |
|-----------|--|---|
| MATH 165 | Introductory Statistics | 4 |
| CHEM 104 | College Chemistry | 5 |
| or | | |
| CHEM 111 | General Chemistry | 5 |
| PHYS 111 | Physics for Life Sciences I | 4 |
| or | | |
| PHYS 201 | Physics A: Mechanics | 5 |
| KIN 177 | First Aid - Responding to Emergencies | 3 |

Total Units 21 - 25

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the Kinesiology A.A.-Transfer Degree will:

1. Exhibit awareness and identify the dimensions of wellness and recognize positive characteristics of each dimension to live a more healthy lifestyle.
2. Demonstrate competency in fundamental techniques to improve individual sport specific and movement skills.
3. Determine current level of fitness.

Mathematics

A.S. Transfer Degree

The purpose of this program is to prepare students for a career in mathematics. The problem solving skills taught in mathematics prepare students for a great number of job opportunities. A four-year degree could lead to employment in academics, a government agency, or an insurance agency. This major can also serve as a basis for careers in engineering, science, data processing, actuarial science, and dispensing opticians.

The degree prepares students for transfer into the junior year of a baccalaureate degree program in mathematics or related areas such as statistical or actuarial fields.

Students who complete this degree will be guaranteed admission with junior status to the California State University system, though not to a specific campus or major, and will be given priority admission to our local CSU campus.

Students receiving this transfer degree must meet the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - (B) Major course work 18-19 semester units identified as core and elective courses by the program.
- (2) Obtainment of a minimum grade point average of 2.0.

| Required courses: | | Units |
|--------------------------|-------------------------------------|--------------|
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| MATH 210 | Calculus with Analytic Geometry III | 4 |

| Select two of the following: | | |
|-------------------------------------|--------------------------------|---|
| MATH 211 | Differential Equations | 5 |
| MATH 212 | Introduction to Linear Algebra | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| Total Units 21 - 22 | | |

A.S.-Transfer Degree Level Student Learning Outcomes

Students completing the Mathematics A.S.-Transfer Degree will:

1. Develop an understanding of how to use proper vocabulary and notation when describing mathematical concepts, including the ability to read books and documents and extract quantitative information.
2. Develop appropriate computational skills including numeric calculation, evaluation of expressions, analysis of data, and application of concepts.
3. Develop an understanding of the physical world, which will include the formulation of analytical skills that will aid in the process of devising questions and proposing quantitative solutions.
3. Demonstrate computational skills and an understanding of mathematical reasoning that will increase self esteem and set each student on the path of lifelong learning.
4. Demonstrate an understanding of how to use instructional software found by navigating the Web and in the Windows environment.
5. Demonstrate competency at levels appropriate to a particular course, which will prepare students for the workforce, subsequent courses, and transfer to other educational institutions.

Physics

A.S. Transfer Degree

Physics, a natural science, is the scientific study of matter and energy and of the interaction between the two. This Associate Degree for Transfer in Physics provides students with an understanding of the physical world, both conceptually and in the language of mathematics. The degree prepares students for pre-professional careers and for curriculum at four year institutions leading to a baccalaureate degree in areas such as physics, astrophysics, geophysics, mathematics, and engineering.

Students who complete this degree will be guaranteed admission with junior status to the California State University system, and will be given priority admission to our local CSU campus.

This degree requires completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

- (A) The Inter-segmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- (B) The 27 semester units in the major preparation courses outlined below.

Students must obtain a minimum grade point average of 2.0 and a C or better in all of the major preparation courses. Students are not required to meet additional competency requirements beyond those listed above.

| Required courses: | | Units |
|--------------------------|--|--------------|
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |
| PHYS 203 | Physics C: Waves, Optics & Modern Physics | 5 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| MATH 210 | Calculus with Analytic Geometry III | 4 |
| Total Units 27 | | |

A.S.-Transfer Degree Level Student Learning Outcomes

Students completing the Physics A.S.-Transfer Degree will:

1. Understand and apply fundamental physics principles conceptually and mathematically using the appropriate computational skills.
2. Distinguish between scientific and non-scientific questions and methods by critically analyzing scientific information.
3. Develop problem-solving, decision-making, and critical thinking skills and apply them in order to develop an understanding of interactions in the physical world.
4. Think logically and coherently about technical/scientific issues in order to understand the complex problems involved in science and engineering and to gain an appreciation for the global social and political impact of scientific endeavors.
5. Adeptly use computers for word processing, data acquisition and analysis, and/or web-based research as appropriate for each course. For laboratory courses, students will demonstrate fundamental aptitudes in the proper use of mechanical, electrical and/or other appropriate devices.

Political Science

A.A. Transfer Degree

The goal of the Political Science Program at Citrus College is to prepare students to develop a fundamental understanding of the systematic study of theories, institutions, and processes related to the distribution of power and its use in the maintenance of order and promotion of equality and justice. The core courses in the political science major will introduce students to the fields in the discipline: Political Theory, which includes the study of major philosophic works related to power and politics; American Government, the study of institutions and linkage organizations that characterize government in the United States; Comparative Politics, which studies the political systems of other countries and exposure to the comparative method, and International Relations, which analyzes phenomena related to the interaction between sovereign states and other actors in the international system.

The Associate in Arts in Political Science for Transfer degree (AA-T) prepares students to continue their education at a four-year institution leading to a baccalaureate degree. Successful completion of the transfer degree in political science guarantees the student

acceptance to a local California State University. Students who complete this degree may also seek to continue their education at the University of California or other baccalaureate degree granting institutions, although admission is not guaranteed.

The Associate in Arts in Political Science for Transfer degree requires the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

| Required core courses: | | Units |
|------------------------|---|-------|
| POLI 103 | American Government and Politics | 3 |
| | or | |
| POLI 103H | American Government and Politics - Honors | 3 |
| POLI 105 | Comparative Politics | 3 |
| POLI 108 | Political Theory | 3 |
| POLI 116 | International Relations | 3 |

List A: Select two (2) courses:

| | | |
|-----------|---|---|
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| | or | |
| ANTH 210H | Introduction to Cultural Anthropology-Honors | 3 |
| ECON 101 | Principles of Macroeconomics | 3 |
| | or | |
| ECON 101H | Principles of Macroeconomics-Honors | 3 |
| ECON 102 | Principles of Microeconomics | 3 |
| GEOG 102 | Cultural Geography | 3 |
| HIST 103 | History of World Civilization up to 1500 | 3 |
| | or | |
| HIST 103H | History of World Civilization up to 1500 - Honors | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 |

| | | |
|-----------|--|-----------------------|
| HIST 107 | History of the United States before 1877 | 3 |
| | or | |
| HIST 107H | History of the United States before 1877 - Honors | 3 |
| HIST 108 | History of the United States from 1877 | 3 |
| | or | |
| HIST 108H | History of the United States from 1877 - Honors | 3 |
| HIST 109 | The World in Conflict - The 20th Century, a History | 3 |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 |
| | or | |
| HUM 101H | Humanities - Prehistory through the Medieval Period–Honors | 3 |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |
| HUM 110 | Humanities in the 20th Century | 3 |
| PHIL 106 | Introduction to Philosophy | 3 |
| | or | |
| PHIL 106H | Introduction to Philosophy–Honors | 3 |
| POLI 104 | Introduction to Political Science | 3 |
| | | Total Units 18 |

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the Political Science A.A.-Transfer Degree will:

1. Demonstrate an ability to write clearly and accurately about social scientific phenomena related to political science using collegiate level grammar, vocabulary, and logic.
2. Demonstrate an understanding of historical foundations, political institutions, and processes involved in the distribution and use of power in politics.
3. Demonstrate an understanding of the basic research methods, both qualitative and quantitative, used in the study of political science as preparation for upper-division work.

Psychology
A.A. Transfer Degree

Psychology is defined as the scientific study of behavior. The Associate in Arts in Psychology for Transfer degree program allows students to utilize research methods; evaluate the credibility of research, theories, and applications; understand the core fields, paradigms and theories; apply psychological concepts, theoretical perspectives, empirical findings, and historical trends to questions and issues in personal experience and contemporary society; recognize the complexity of social, cultural, and international diversity; and understand the ethical standards in academic and applied psychology.

This degree provides lower division preparation for students planning to transfer into psychology programs. Students will take courses in psychology as well as related fields required for psychology majors. Students who complete this degree will be guaranteed admission with junior status to the California State University system, though not to a particular campus or major, and will be given priority admission to our local CSU campus.

Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- (B) The major preparation courses outlines below. Students must obtain a minimum grade point average of 2.0 and a C or better in all courses required for the major.

Students are not required to meet additional competency requirements beyond those listed above.

| Required core courses: | | Units |
|-------------------------------|-----------------------------------|--------------|
| MATH 165 | Introductory Statistics | 4 |
| | or | |
| MATH 165H | Introductory Statistics - Honors | 4 |
| PSY 101 | Introduction to Psychology | 3 |
| | or | |
| PSY 101H | Introduction to Psychology-Honors | 3 |
| PSY 203 | Research Methods in Psychology | 4 |

Select one (1) of the following:

| | | |
|----------|-----------------|---|
| BIOL 105 | General Biology | 4 |
| PSY 102 | Psychobiology | 3 |

Select one (1) of the following:

| | | |
|---------|------------------------------|---|
| PSY 205 | Developmental Psychology | 3 |
| PSY 206 | Child Growth and Development | 3 |

Select one (1) of the following:

| | | |
|-----------|--|---|
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| ANTH 210H | Introduction to Cultural Anthropology-Honors | 3 |
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| PSY 110 | Psychology of Religion I | 3 |
| PSY 212 | Behavioral Disorders | 3 |
| PSY 213 | Survey of Drug and Alcohol Use and Abuse | 3 |
| PSY 220 | Introduction to Social Psychology | 3 |
| PSY 225 | Psychology of Human Sexuality | 3 |
| PSY 226 | Psychology of Women | 3 |
| SOC 201 | Introduction to Sociology | 3 |
| SOC 201H | Introduction to Sociology– Honors | 3 |

Total Units 19 - 22**A.A.-Transfer Degree Level Student Learning Outcomes**

Students completing the Psychology A.A.-Transfer Degree will:

1. Demonstrate analytical and critical analysis skills using college level vocabulary and writing skills.
2. Demonstrate proficiency in analyzing or manipulating numerical data in order to critique scientific study.
3. Analyze a variety of behavioral science research designs.
4. Demonstrate analytical thinking by comparing and applying psychological theories to human behavior.

Sociology**A.A. Transfer Degree**

This Associate in Arts in Sociology for Transfer degree provides lower division preparation for students planning to transfer into sociology programs. Students will take courses in sociology as well as related fields required for sociology majors. Students who complete this degree will be guaranteed admission with junior status to the California State University system, though not to a particular campus or major, and will be given priority admission to our local CSU campus.

In addition to helping students meet general education and core requirements for transfer to an upper-level sociology program, these courses are designed to help students understand the structure, processes, and functions of society, the key theoretical approaches and insights that inform sociology, and the role of social theory and research methods in understanding society. Further, the program seeks to foster critical and systemic thinking and increase self-knowledge and awareness of the diversity of the human condition.

This degree requires completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

(B) The major preparation courses outlined below. Students must obtain a minimum grade point average of 2.0 and a C or better in all courses required for the major.

Students are not required to meet additional competency requirements beyond those listed above.

Required core courses:

| | | Units |
|----------|-----------------------------------|--------------|
| SOC 201 | Introduction to Sociology | 3 |
| | or | |
| SOC 201H | Introduction to Sociology- Honors | 3 |

Select two (2) of the following:

| | | |
|-----------|--------------------------------|---|
| MATH 165 | Introductory Statistics | 4 |
| MATH 165H | Introductory Statistics–Honors | 4 |
| PSY 203 | Research Methods in Psychology | 4 |
| SOC 202 | Contemporary Social Problems | 3 |

Select two (2) of the following:

| | | |
|-----------|---|---|
| SOC 114 | Marriage, Family, and Intimate Relations | 3 |
| SOC 118 | Minorities in America | 3 |
| PSY 220 | Introduction to Social Psychology | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| | or | |
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| | or | |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective-Honors | 3 |
| SOC 220 | Introduction to Gender | 3 |

Select one (1) of the following:

| | | |
|-----------|---|---|
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking- Honors | 3 |
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| ANTH 210H | Introduction to Cultural Anthropology- Honors | 3 |
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| PSY 101 | Introduction to Psychology | 3 |
| PHIL 110 | Philosophy/Logic | 3 |

Total Units 18 - 20

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the Sociology A.A.-Transfer Degree will:

1. Communicate knowledge of sociological theory and social research in order to better understand and explain the social world.
2. Identify the structure of groups, organizations, and societies.
3. Employ sociological concepts to examine society in everyday life.
4. Be prepared for transfer.

Theatre Arts

A.A. Transfer Degree

The discipline of theatre arts includes theoretical and practical courses in all aspects of theatre, providing preparation in acting, directing, and technical theatre through productions. The degree program allows for a course of study that expands and increases creativity. It is a meaningful journey of personal discovery and self-expansion. It connects the study of script analysis to creating complex characters or theatrical designs. In addition, a solid foundation of fundamental skills learned through a variety of performance as well as technical theatre courses will help the student build confidence and emphasize the importance of responsibility, dedication, collaboration and commitment.

This degree provides lower division preparation for students planning to transfer into Theatre Arts programs. Students who complete this degree will be guaranteed admission with junior status to the California State University system, though not to a particular campus or major, and will be given priority admission to our local CSU campus.

The degree requires completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

(A) The intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

(B) The major preparation courses outlined below. Students must obtain a minimum grade point average of 2.0 and a C or better in all courses required for the major.

Students are not required to meet additional competency requirements beyond those listed above.

| Core courses: | | Units |
|----------------------|---|--------------|
| THEA 101 | Introduction to Theatre Arts | 3 |
| THEA 201 | Stage Acting I - Beginning | 3 |
| THEA 125 | Technical Theatre Production | 3 |
| or | | |
| THEA 210 | Rehearsal and Performance in Production | 3 |

Select at least 9 units from the following courses not selected above

| | | |
|----------|---|---|
| THEA 120 | Introduction to Tech for Theatre, TV and Film | 3 |
| THEA 122 | Stagecraft | 3 |
| THEA 125 | Technical Theatre Production | 3 |
| THEA 140 | Introduction to Lighting for Theatre, Television and Film | 3 |
| THEA 200 | The Art of the Theatre | 3 |
| THEA 202 | Stage Acting II-Intermediate | 3 |
| THEA 210 | Rehearsal and Performance in Production | 3 |

Total Units 18

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the Theatre Arts A.A.-Transfer Degree will:

1. Demonstrate acting techniques in a performance setting.
2. Exhibit fundamental knowledge of play structure and analysis.
3. Demonstrate a fundamental knowledge in core theatre elements, including acting, technical theatre, and theatre history.

Associate Degrees (A.A. and A.S.)

Administration of Justice

A.S. Degree

Administration of Justice offers men and women a career of personal challenge and rewarding public service. A great need exists for intelligent, well-educated personnel with a firm commitment to professional improvement in the justice system. Citrus College offers courses to prepare students for employment and promotion in the criminal justice system.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Select 18 units from the following: | | Units |
|-------------------------------------|---|-------|
| AJ 101 | Introduction to the Administration of Justice | 3 |
| AJ 102 | Concepts of Criminal Law | 3 |
| AJ 103 | Legal Aspects of Evidence | 3 |
| AJ 105 | Criminal Investigation | 3 |
| AJ 106 | Patrol Procedures | 3 |
| AJ 107 | Traffic Control | 3 |
| AJ 108 | Juvenile Procedures | 3 |
| AJ 109 | Criminal Procedures | 3 |
| AJ 111 | Narcotics and Vice Control | 3 |
| AJ 112 | Community Relations | 3 |
| AJ 123 | Writing for Criminal Justice Professionals | 3 |
| AJ 130 | Introduction to Probation and Parole | 3 |
| AJ 131 | Introduction to Corrections | 3 |
| AJ 133 | Correctional Writing | 3 |
| AJ 135 | Control and Supervision in Corrections | 3 |
| AJ 136 | Correctional Interviewing and Counseling | 3 |
| AJ 137 | Legal Aspects of Corrections | 3 |
| AJ 698C | Cooperative Education | 3 |
| AJ 699C | Cooperative Education | 3 |
| PHTO 101 | Basic Photography | 3 |
| Total Units 18 | | |

A.S. Degree Level Student Learning Outcomes

Students completing the Administration of Justice A.S.

Degree will:

1. Demonstrate an ability to write clearly and accurately about the administration of justice process using an appropriate vocabulary.

2. Demonstrate critical and analytical thinking about issues in the administration of justice system.
3. Demonstrate a comprehension and appreciation of the connections, contributions, experiences, and potential conflicts of various ethnic groups, races, and genders as they interact with the criminal justice system.
4. Demonstrate an awareness of sciences and emerging technologies as it impacts the administration of justice.

Automotive Technology

A.S. Degree

This program is designed to prepare students who wish to seek employment in the automotive technology industry or qualify for a more responsible position within the field.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required Automotive Technology Courses | | Units |
|--|--|-------|
| AUTO 151 | Engine Service, Diagnosis and Repair | 6 |
| AUTO 154 | Chassis Service, Diagnosis, and Repair | 8 |
| AUTO 156 | Automotive Electrical/Electronic Systems I | 5 |
| AUTO 162 | Drivetrain Service, Diagnosis and Repair | 8 |
| AUTO 166 | Automotive Electrical/Electronic Systems II | 3 |
| AUTO 167 | Automotive HVAC Service, Diagnosis & Repair | 3 |
| AUTO 168 | Engine Control Systems Service, Diagnosis and Repair | 8 |

Select 4 units of the following cooperative education courses:

| | | |
|-----------|---|---|
| AUTO 230A | Automotive Service and Repair Work Experience A | 1 |
| AUTO 230B | Automotive Service and Repair Work Experience B | 2 |
| AUTO 230C | Automotive Service and Repair Work Experience C | 3 |
| AUTO 230D | Automotive Service and Repair Work Experience D | 4 |

Total Units 45

A.S. Degree Level Student Learning Outcomes

Students completing the Automotive Technology A.S. Degree will:

1. Acquire skills pertinent to industry level national certification exams in the automotive technology industry.
2. Exit the program with a personal/professional commitment to uphold the high standards and uplift the integrity of the automotive technology industry.
3. Utilize knowledge acquired in the Automotive Technology Program to maximize employment potential in the industry through successful completion of course level outcomes.

**Biological and Physical Sciences
(and Mathematics)**

A.S. Degree

Courses in the Biological and Physical Sciences and Mathematics major examine the physical universe, its life forms, and its natural phenomena. They assist in developing an appreciation and understanding of the scientific method and encourage an understanding of the relationships between science and other human activities.

This category includes introductory or integrative courses in astronomy, biology, chemistry, geology, physics, physical geography, and other scientific disciplines.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units from the following:

Units

ASTRONOMY

| | | |
|-----------|------------------------------|---|
| ASTR 115 | Planetary Astronomy | 3 |
| ASTR 115H | Planetary Astronomy - Honors | 3 |
| ASTR 116 | Stellar Astronomy | 4 |
| ASTR 117 | Life In The Universe | 3 |

BIOLOGY

| | | |
|-----------|------------------------------|---|
| BIOL 102 | Human Genetics | 3 |
| BIOL 104 | Biology: Contemporary Topics | 3 |
| BIOL 105 | General Biology | 4 |
| | or | |
| BIOL 105H | General Biology–Honors | 4 |

| | | |
|----------|---|---|
| BIOL 109 | Biology for Educators | 4 |
| BIOL 116 | HIV and AIDS: Insights and Implications | 3 |
| BIOL 124 | Principles of Biology I | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| BIOL 145 | Environmental Science | 3 |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |

CHEMISTRY

| | | |
|-----------|--------------------------------|---|
| CHEM 103 | College Chemistry | 5 |
| CHEM 104 | College Chemistry | 5 |
| CHEM 106 | Physical Science for Educators | 4 |
| CHEM 110 | Beginning General Chemistry | 5 |
| CHEM 111 | General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| CHEM 210 | Organic Chemistry A | 3 |
| CHEM 211L | Organic Chemistry A Laboratory | 1 |
| CHEM 220 | Organic Chemistry B | 3 |
| CHEM 221L | Organic Chemistry B Laboratory | 1 |

COMPUTER INFORMATION SYSTEMS

| | | |
|---------|---|---|
| CIS 107 | Information Systems and Applications | 4 |
| CIS 119 | Introduction to Web Programming | 3 |
| CIS 130 | Microcomputer Applications I | 4 |
| CIS 150 | Web Development with Dreamweaver | 3 |
| CIS 154 | Web Development with Fireworks | 2 |
| CIS 156 | Web Development with Flash | 2 |
| CIS 162 | Electronic Spreadsheets Using Microsoft Excel | 3 |
| CIS 168 | Designing Web Sites | 3 |
| CIS 230 | Microcomputer Applications II Advanced Microsoft Office | 4 |

COMPUTER SCIENCE

| | | |
|--------|---|---|
| CS 111 | Introduction to Programming Concepts and Design | 4 |
| CS 225 | Object Oriented Programming | 3 |

EARTH SCIENCE

| | | |
|----------|---|---|
| ESCI 106 | Earth and Space Science for Educators | 4 |
| ESCI 118 | Physical Geography | 3 |
| ESCI 120 | Physical Geology | 4 |
| ESCI 121 | Historical Geology | 4 |
| ESCI 122 | Geology: Earth History | 3 |
| ESCI 124 | Environmental Geology | 3 |
| ESCI 140 | The Geology of Death Valley National Park | 2 |

| | | |
|----------|--|---|
| ESCI 141 | The Geology of Yosemite National Park | 2 |
| ESCI 142 | The Geology of Channel Islands National Park | 2 |
| ESCI 143 | The Geology of Joshua Tree National Park | 2 |
| ESCI 145 | The Geology of Sequoia National Park | 2 |
| ESCI 146 | The Geology of Kings Canyon National Park | 2 |

FORESTRY

| | | |
|---------|---|---|
| FOR 101 | Introduction to Forestry | 3 |
| FOR 102 | Introduction to Forest Ecology | 3 |
| FOR 103 | Plant Identification | 3 |
| FOR 104 | Introduction to Outdoor Recreation | 3 |
| FOR 105 | Wildland Fire Management | 3 |
| FOR 106 | Principles of Wildlife Management and Ecology | 3 |

INFORMATION TECHNOLOGY

| | | |
|--------|-------------------------------|---|
| IT 104 | PC Hardware and Maintenance | 4 |
| IT 107 | Network Technology | 4 |
| IT 108 | Networking Operating Systems | 4 |
| IT 109 | Network and Computer Security | 4 |

MATHEMATICS

| | | |
|-----------|--|-----|
| MATH 142 | Beginning and Intermediate Algebra II | 5 |
| | or | |
| MATH 150 | Intermediate Algebra | 5 |
| | or | |
| MATH 148 | Intermediate Algebra I | 2.5 |
| | and | |
| MATH 149 | Intermediate Algebra II | 2.5 |
| MATH 151 | Plane Trigonometry | 4 |
| MATH 160 | Survey of Mathematics | 4 |
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |
| MATH 165H | Introductory Statistics–Honors | 4 |
| MATH 168 | Mathematics for Elementary Teachers I | 4 |
| MATH 169 | Mathematics for Elementary Teachers II | 4 |
| MATH 170 | College Algebra | 4 |
| MATH 175 | Pre-Calculus | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |

| | | |
|----------|-------------------------------------|---|
| MATH 210 | Calculus with Analytic Geometry III | 4 |
| MATH 211 | Differential Equations | 4 |
| MATH 212 | Introduction to Linear Algebra | 4 |

NATURAL HISTORY

| | | |
|----------|--|---|
| NAT 180A | Natural History Series - Deserts A | 2 |
| NAT 180B | Natural History Series - Deserts B | 3 |
| NAT 181A | Natural History Series - Coastal Mountains, Coastlines, Tropical Regions and Islands A | 2 |
| NAT 181B | Natural History Series - Coastal Mountains, Coastlines, Tropical Regions and Islands B | 3 |
| NAT 182A | Natural History Series - Inland Mountains, Valleys and Alaska A | 2 |
| NAT 182B | Natural History Series - Inland Mountains, Valleys and Alaska B | 3 |

OCEANOGRAPHY

| | | |
|----------|-----------------------|---|
| ESCI 130 | Physical Oceanography | 3 |
|----------|-----------------------|---|

PHYSICS

| | | |
|----------|--|---|
| PHYS 106 | Physical Science for Educators | 4 |
| PHYS 110 | Introduction to College Physics | 4 |
| PHYS 111 | Physics for Life Sciences I | 4 |
| PHYS 112 | Physics for Life Sciences II | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |
| PHYS 203 | Physics C: Waves, Optics & Modern Physics | 5 |

PHILOSOPHY

| | | |
|----------|------------------|---|
| PHIL 110 | Philosophy/Logic | 3 |
|----------|------------------|---|

Total Units 18**A.S. Degree Level Student Learning Outcomes**

Students completing the Biological and Physical Sciences (and Mathematics) A.S. degree will:

1. Use proper vocabulary and notation when describing mathematical concepts. They will be able to read books and documents and extract quantitative information.
2. Develop level-appropriate computational skills. These will include numeric calculation, evaluation of expressions, analysis of data, and application of concepts.
3. Investigate and explain physical phenomena through application of empirical knowledge using mathematical and scientific processes and concepts.
4. Develop an understanding of and curiosity towards the physical world. They will develop the

analytical skills to devise questions and propose quantitative solutions.

5. Demonstrate computational skills and an understanding of mathematical reasoning that will increase self esteem and set them on the path of lifelong learning.

Biological Sciences

A.S. Degree

The associate degree in biological science prepares students for a curriculum in a four-year institution leading to a baccalaureate degree in such areas as microbiology, organismal biology, cell and molecular biology, and teaching.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|-----------------------|------------------------------------|-------|
| BIOL 124 | Principles of Biology I | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| CHEM 111 | General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH165 | Introductory Statistics | 4 |
| | or | |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| Total Units 28 | | |

A.S. Degree Level Student Learning Outcomes

Students completing the Biological Sciences A.S. Degree will:

1. Demonstrate an understanding of biological concepts.
2. Acquire scientific information from multiple sources including textbooks, the Internet, personal communication with professionals in the field, and educational computer software.
3. Estimate and/or calculate the characteristics of biological systems and demonstrate an understanding of these calculations in order to better understand the natural processes that produce these characteristics.
4. Formulate scientific hypotheses in order to distinguish between scientific and non-scientific questions and methods.
5. Develop an understanding of relevant biological processes as well as processes from related sciences (e.g. physics, geology, chemistry) and apply these processes to predict the properties of biological systems.

6. Examine how human activity has contributed to positive and negative changes in the environment to better understand and discuss past, current, and future environmental issues.

Business

A.S. Degree

Business is the study of the practices and products of commerce. Areas of concentration for this degree can include business management, business law, marketing, finance, business ethics, and business communications. Students will take courses in business as well as related fields required for business majors.

This degree is designed to (1) prepare students for transfer to non-CSU, four-year institutions by offering or requiring business-related courses, in addition to those required for the AS-T degree in business administration, that fulfill either transfer or elective requirements for the University of California or other private institutions; (2) to ensure that students interested in using the A.S. in business as their terminal degree receive sufficient education in business-related issues; and/or (3) to prepare students for professional careers or otherwise enhance their personal growth. The degree requires completion of 60 semester units.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required core courses: | | Units |
|------------------------|--|-------|
| ACCT 101 | Financial Accounting | 4 |
| ACCT 102 | Managerial Accounting | 4 |
| ECON 101 | Principles of Macroeconomics | 3 |
| ECON 102 | Principles of Microeconomics | 3 |
| BUS 130 | Introduction to Business | 3 |
| BUS 160 | Business Law and the Legal Environment I | 3 |

Select one (1) of the following courses:

| | | |
|----------|------------------------------------|---|
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |

Select one (1) of the following courses:

| | | |
|---------|------------------------|---|
| BUS 132 | Ethics in Business | 3 |
| BUS 140 | International Business | 3 |

| | | |
|----------------------------|---|---|
| BUS 146 | Personal Finance | 3 |
| BUS 150 | Business English | 3 |
| BUS 152 | Business Communications | 3 |
| BUS 161 | Business Law and the Legal Environment II | 3 |
| BUS 170 | Small Business Management | 3 |
| BUS 172 | Human Resource Management | 3 |
| BUS 175 | Introduction to Management | 3 |
| BUS 176 | Management for the Office Professional | 3 |
| BUS 185 | Elements of Marketing | 3 |
| BUS 192 | Advertising | 3 |
| ACCT 110 | Income Tax Accounting | 4 |
| CIS 130 | Microcomputer Applications I | 4 |
| OFF 101 | Introduction to Microsoft Office Applications | 3 |
| REAL 210 | Real Estate Principles | 3 |
| REAL 212 | Real Estate Practice | 3 |
| Total Units 27 - 28 | | |

A.S. Degree Level Student Learning Outcomes

Students completing the Business A.S. Degree will:

1. Have developed an understanding of how to communicate effectively within business organizations.
2. Have developed an understanding of the need for critical and analytical skills relating to business.
3. Have knowledge of the functions of business management and their impact on organizational performance.
4. Have an understanding of the environments that impact organizational growth.

Child Development

A.S. Degree

The curriculum leads to an Associate in Science degree and meets the educational requirements for employment as a teacher or assistant teacher in preschools and children's centers.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Category A | | Units |
|---|------------------------------|--------------|
| Three units of Child Development | | |
| Select one of the following: | | |
| CHLD 110 | Early Childhood Development | 3 |
| or | | |
| PSY 206 | Child Growth and Development | 3 |

Category B

Required major courses:

| | | |
|----------|---|---|
| CHLD 112 | Principles of Early Childhood Education I | 3 |
| CHLD 114 | Home-Child-Community Relations | 3 |
| CHLD 116 | Introduction to Curriculum | 3 |
| CHLD 144 | Health, Safety and Nutrition for Young Children | 3 |
| CHLD 150 | Multi-Culture Anti-Bias Classrooms | 3 |
| CHLD 154 | Observing and Recording Behavior | 3 |

Category C

Practicum (Fieldwork) course & lab:

| | | |
|-----------|--|---|
| CHLD 156 | Practicum in Early Childhood Education | 2 |
| CHLD 156L | Practicum Lab | 1 |

Total Units 24

A.S. Degree Level Student Learning Outcomes

Students completing the Child Development A.S. degree will:

1. Demonstrate the ability to identify, analyze, and apply theories of early childhood education and child development.
2. Demonstrate global consciousness as they work with diverse cultures, families, and individuals and teach children.
3. Acquire knowledge and foundational skills necessary to work in the teaching profession.
4. Apply effective guidance and teaching strategies that support social growth, learning, identity development and promote self-confidence.
5. Design, implement and evaluate environments and activities that support positive, developmental play and learning outcomes for children.
6. Apply ethical standards and professional behaviors that demonstrate an understanding and a knowledge, and a deepening commitment to the child development profession and early childhood education.

Cosmetology

A.S. Degree

The Cosmetology Program of Study leads to an Associate of Science degree. This degree requires the successful completion of 56.5 units of coursework. Completion of this degree will also prepare students to be eligible to take the State Board of Cosmetology examination, earn a certificate and become a licensed cosmetologist.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------|---|-------------|
| COS 141 | Introduction to Cosmetology | 11 |
| COS 151 | Business Fundamentals and Licensing Preparation | 4.5 |
| COS 161 | Haircolor | 8 |
| COS 181 | Hairsculpting | 8 |
| COS 185 | Skin and Nail Care | 9 |
| COS 191 | Hair Design | 8 |
| COS 201 | Texture | 8 |
| Total Units | | 56.5 |

A.S. Degree Level Student Learning Outcomes

Students completing the Cosmetology A.S. degree will:

1. Be prepared to pass the State Board Exam and acquire California State licensure.
2. Be successfully trained in the study of: haircutting, haircoloring, chemical training, skin/nails, hairstyling and salon success. This program prepares students for professional employment.

Dance

A.A. Degree

This degree provides students with a foundational dance background, encompassing a strong emphasis in various dance techniques as well as history, basic kinesiology and a performance practicum.

Note that all courses listed must be successfully completed.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Dance Technique

| | | Units |
|----------|------------------------------------|-------|
| DANC 158 | Beginning Hip-Hop Dance Techniques | 1 |
| DANC 159 | Beginning Tap | 1 |
| DANC 160 | Jazz Dance Techniques | 1 |
| DANC 161 | Beginning Modern Dance | 1 |
| DANC 162 | Beginning Ballet | 1 |
| DANC 259 | Intermediate Tap I | 1 |
| DANC 260 | Intermediate Jazz Dance I | 1 |
| DANC 262 | Intermediate Ballet I | 1 |
| DANC 270 | Intermediate Jazz Dance II | 1 |
| DANC 272 | Intermediate Ballet II | 1 |

Dance History

| | | |
|----------|------------------|---|
| DANC 102 | History of Dance | 3 |
|----------|------------------|---|

Kinesiology

| | | |
|----------|---------------------------|---|
| DANC 130 | Alignment and Correctives | 2 |
|----------|---------------------------|---|

Performance Practicum

| | | |
|----------|--------------------------|---|
| DANC 289 | Dance Concert Production | 3 |
|----------|--------------------------|---|

Total Units 18

A.A. Degree Level Student Learning Outcomes

Students completing the Dance A.A. degree major will:

1. Demonstrate a functional knowledge of ballet, tap, jazz and modern dance techniques through the beginning and intermediate level.
2. Exhibit perspective on historical and stylistic components of dance.
3. Display basic proficiency in kinesiology as applied to alignment and corrective gait analysis.
4. Demonstrate competency in dance performance skills and ability.

Dental Assisting

A.S. Degree

The Dental Assisting Program prepares students for the California State Registered Dental Assistant Examination. This program is accredited by the American Dental Association Commission on Accreditation and the California State Board of Dental Examiners. Upon completion, the graduate is eligible to sit for the California State Registered Dental Assistant Examination and the National Certification Examination.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required coursework: | | Units |
|-----------------------------|--|--------------|
| DENT 100 | Dental Assisting Basics | 2.5 |
| DENT 101 | Chairside Assisting | 3 |
| | | |
| DENT 102 | Dental Materials | 2.5 |
| DENT 121 | Preclinical Dental Science | 2 |
| DENT 122 | Infection Control in the Dental Office | 1.5 |
| DENT 123 | Preventive Dental Health | 2 |
| DENT 124 | Dental Specialties | 2 |
| DENT 125 | Dental Practice Management | 2 |
| DENT 201 | Dental Radiology | 2 |
| DENT 202 | Registered Dental Assistant | 4 |
| DENT 203 | Dental Practical Experience | 5.5 |
| DENT 204 | RDA Clinical Procedures | 1 |
| Total Units | | 30 |

A.S. Degree Level Student Learning Outcomes

Students completing the Dental Assisting A.S. degree will:

1. Use correct dental terminology and nomenclature in the correct context in order to effectively communicate dental information and concepts to others.
2. Develop problem-solving and self-assessment skills and make appropriate decisions regarding a variety of procedural situations.
3. Demonstrate the ability to interact with patients and work effectively as a member of the dental team.
4. Maintain the standard of care during dental treatment and promote oral health.
5. Develop the ability to use and adapt to current technology used in dental practices.
6. Demonstrate proficiency in the current duties of an RDA, practicing within the delegated duties (scope of practice).
7. Develop foundational knowledge of dental procedures and the ability to communicate and apply their concepts and principles.

Digital and Web Design

A.S. Degree

This program prepares students for employment in digital design careers. The integration of traditional art/design and digital media prepares students for employment opportunities in the areas of advertising, multi-media and marketing graphics.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------------|-------------------------------------|--------------|
| ART 111 | Beginning Drawing | 3 |
| ART 120 | Two-Dimensional Design | 3 |
| ART 150 | Computer Art Basics | 3 |
| ART 162 | Computer Graphics I | 3 |
| ART 167 | Web Design I | 3 |
| ART189 | Art Portfolio and Resume Production | 3 |

Select two (2) of the following:

| | | |
|----------|------------------------------|---|
| ART 153 | Digital Media Production I | 3 |
| ART 158 | Commercial Graphic Design | 3 |
| ART 163 | Computer Graphics II | 3 |
| ART 168 | Animation I | 3 |
| ART 253 | Digital Media Production II | 3 |
| ART 267 | Web Design II | 3 |
| ART 268 | Animation II | 3 |
| PHTO 101 | Basic Photography | 3 |
| PHTO 102 | Intermediate Photography | 3 |
| PHTO 215 | Digital Photographic Imaging | 3 |

Total Units 24

A.S. Degree Level Student Learning Outcomes

Students completing the Digital and Web Design A.S. Degree will:

1. Demonstrate a knowledge of computer operating systems.
2. Demonstrate a knowledge of digital file formats.
3. Demonstrate a knowledge of web page layout and build fundamentally sound web pages and sites.
4. Demonstrate a knowledge and understanding of basic HTML.
5. Demonstrate a knowledge and understanding of basic Photoshop techniques.
6. Demonstrate a knowledge and understanding of basic Illustrator techniques.
7. Demonstrate a knowledge and understanding of basic Dreamweaver techniques.
8. Demonstrate a knowledge and understanding of basic InDesign and Quark techniques.
9. Develop and build a comprehensive portfolio representing the body of work completed in the program.

Drafting and Design Technology

A.S. Degree

Drafting and Design Technology includes such majors as architecture and Computer Generated Imagery (CGI). **Students should complete the core courses and one area of emphasis:**

Architecture Emphasis: design principles and CAD are applied to problems in architecture, landscape architecture and urban planning. Proper and efficient methods of sketching, story boarding, models and multifaceted presentations are explored. Emphasis is on design, building codes and health, safety and welfare of the built environment always keeping in mind that, "Ordinary architecture occupies space and extraordinary architecture celebrates space."

Employment opportunities: Entry level - CAD Person / Design Person

Computer Generated Imagery (CGI) Emphasis: Provides for majors such as architecture, computer Generated Imagery (CGI), engineering, entertainment industry and animation. Design principles, CAD and animation systems are applied to problems in animation, architecture, entertainment industry, landscape architecture, urban planning and engineering. Emphasis is on proper and efficient methods of Digital production, sketching, story boarding, 3D digital models, animations and multifaceted presentations.

Employment opportunities: Entry level - Animation Modeler.

This degree requires meeting the Citrus College General Education and proficiency requirements

Strongly recommended preparation requirements: Units

| | | |
|----------|---|---|
| DRAF 101 | Beginning Computer Aided Design (CAD) | 3 |
| | or One year of high school drafting | |
| | or One year of drafting in industry | |

Strongly Recommended for General Education C1-C2 Transfer:

| | | |
|----------|---|---|
| ARCH 250 | History of Architecture: Prehistory to Mannerism | 3 |
| | and | |
| ARCH 251 | History of Architecture: Baroque to the Present Day | 3 |

Required Drafting and Design Technology

Core courses:

| | | |
|----------|--|-----|
| ARCH 102 | Visual Communication | 2.5 |
| | or | |
| DRAF 102 | Visual Communication | 2.5 |
| ARCH 100 | Introduction to Architecture | 3 |
| DRAF 160 | Intermediate Computer Aided Design (CAD) | 2.5 |
| DRAF 161 | Advanced Computer Aided Design (CAD) | 2.5 |
| ARCH 200 | Portfolio Preparation | 3 |
| DRAF 290 | Introduction to Maya Practices | 3 |

ARCHITECTURE EMPHASIS

Required architectural courses:

| | | |
|----------|---|---|
| ARCH 110 | Introduction to Architectural Communication and Functional Design | 3 |
| ARCH 111 | Basic Architectural Design | 3 |
| ARCH 201 | Architectural Design I | 3 |
| ARCH 202 | Architectural Design II | 3 |
| | or | |

COMPUTER GENERATED IMAGERY (CGI) EMPHASIS

Required computer generated imagery (CGI) courses:

| | | |
|----------|---------------------------|---|
| DRAF 291 | Learning Maya Transitions | 3 |
| ART 111 | Beginning Drawing | 3 |
| ART 115 | Figure Drawing I | 3 |
| ART 120 | Two-Dimensional Design | 3 |

Total Units 37.5

A.S. Degree Level Student Learning Outcomes

Students completing the Design and Drafting Technology A.S. Degree will:

1. Describe effective architectural, Computer Generated Imagery (CGI) and drafting techniques including graphic communication of design and technical drawings, orientation of design and technical drawings, and the decision making process for design and technical drawings.
2. Demonstrate the ability to use technology to prepare architectural, Computer Generated Imagery (CGI), Computer Aided Drawings (CAD), and multimedia presentations. Estimate time, material, labor and equipment required for this expertise.

3. Demonstrate planning techniques and administration of architectural, Computer Generated Imagery (CGI) and document control for design and technical working drawings.

Emergency Management and Homeland Security

A.S. Degree

The Associate in Science degree program will provide both students and currently working emergency managers the required courses and learning domains to apply for employment with emergency management agencies, such as the local city and county governments in California and non-profit organizations such as the American Red Cross, and federal agencies such as the Department of Homeland Security (FEMA). Additionally, those currently working in the field will have a recognized degree.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------------|--|--------------|
| EMER 162 | Principles of Emergency Management | 3 |
| EMER 163 | Terrorism and Emergency Management | 3 |
| EMER 164 | Managing Hazardous Materials Incidents | 3 |
| EMER 166 | Emergency Planning and Methodology | 3 |
| EMER 167 | Practical Applications of Emergency Management | 3 |

Select at least seven (7) units from the following:

| | | |
|----------|--|---|
| EMER 168 | Emergency Operations Center (EOC) Management | 3 |
| ESCI 180 | Introduction to Geographic Information Systems | 4 |
| HEAL 161 | Emergency Medical Technician-Basic | 7 |

Total Units 22

A.S. Degree Level Student Learning Outcomes

Students completing the Emergency Management and Homeland Security A.S. Degree will:

1. Express and understanding of the human physical consequences of natural and technological disasters and how to mitigate them.
2. Explain and apply state and local regulations related to emergency management.
3. Be familiar with the range of technologies used in emergency management.
4. Critically analyze emergency management plans and procedures.

English Literature

A.A. Degree

The Associate in Arts Degree in English Literature provides students with a strong foundation in literature to better prepare them for transfer into a four-year English program. Core course work explores primarily British and American writers through an array of literary traditions, providing opportunities for students to express their understanding and appreciation of the literary world through analysis, research and composition. This degree requires 18 units, of which 12 are required courses. An additional six units must be selected from the listed optional courses.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------------|--|--------------|
| ENGL 101 | Reading and Composition | 3 |
| | or | |
| ENGL 101H | Reading and Composition - Honors | 3 |
| ENGL 103 | Composition and Critical Thinking | 3 |
| | or | |
| ENGL 103H | Composition and Critical Thinking Honors | 3 |
| | or | |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |
| ENGL 251 | Introduction to English Literature I | 3 |
| | or | |
| ENGL 252 | Introduction to English Literature II | 3 |

| | | |
|---|--|-----------|
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| | or | |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |
| Select two (2) of the following: | | |
| ENGL 213H | Horror Literature - Honors | 3 |
| ENGL 216 | American Latino Literature | 3 |
| ENGL 251 | Introduction to English Literature I | 3 |
| ENGL 252 | Introduction to English Literature II | 3 |
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 |
| ENGL 291 | Film as Literature | 3 |
| | or | |
| ENGL 291H | Film as Literature - Honors | 3 |
| ENGL 293 | Children's Literature | 3 |
| | or | |
| ENGL 293H | Children's Literature - Honors | 3 |
| ENGL 294 | Introduction to Shakespeare | 3 |
| ENGL 296 | Introduction to Folklore | 3 |
| ENGL 298 | Literature of the Bible | 3 |
| Total Units | | 18 |

A.A. Degree Level Student Learning Outcomes

Students completing the English Literature A.A. Degree will:

1. Critically analyze and evaluate the subtext of literature texts in order to demonstrate knowledge of literary terminology.
2. Identify and evaluate the writer's use of literature as a persuasive tool to identify and assess the effectiveness of literary works.
3. Recognize the historical and cultural context of material to evaluate the impact of various cultural phenomena on perspectives presented in literature.

4. Employ established modes of reasoning in the defense and development of thesis/judgments to clearly demonstrate knowledge of critical analysis tools in all written work.
5. Critically analyze and synthesize source material to demonstrate ability to write at the college level.
6. Demonstrate cultural awareness, personal responsibility, and ethical behavior in evaluating and writing about literature.

Fine and Performing Arts

A.A. Degree

The Fine and Performing Arts curriculum offers instruction in theory, practice and history. These three areas of study provide the foundation needed to begin a career in commercial or fine and performing arts. The foundation courses meet prerequisite requirements to UC, CSU systems and four-year art schools.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units from the following:

| Art | Units |
|--|--------------|
| ART 100 Art History and Appreciation-Fundamentals | 3 |
| ART 100A Survey of Western Art from Prehistory through the Middle Ages | 3 |
| ART 100B Survey of Western Art from Renaissance to Contemporary | 3 |
| ART 101 Art History and Appreciation-Ancient | 3 |
| ART 102 Art History and Appreciation-Medieval | 3 |
| ART 103 Art History and Appreciation-Renaissance to Rococo | 3 |
| ART 104 Art History and Appreciation-19th Century Art | 3 |
| ART 105 Art History and Appreciation-Early 20th Century Art | 3 |
| ART 110 Introduction to the Visual Arts | 3 |
| ART 111 Beginning Drawing | 3 |
| ART 112 Intermediate Drawing | 3 |
| ART 115 Figure Drawing I | 3 |
| ART 116 Figure Drawing II | 3 |
| ART 120 Two-Dimensional Design | 3 |

| | | |
|----------|--|---|
| MUSC 190 | Career Opportunities in the Music Entertainment Industry | 3 |
| MUSC 204 | Pop, Rock, and Jazz Performance Styles III | 4 |
| MUSC 206 | Show Choir III | 4 |
| MUSC 222 | Jazz Ensemble III | 4 |
| MUSC 242 | Jazz Combos III | 1 |
| MUSC 243 | Jazz Combos IV | 1 |
| MUSC 251 | Professional and Transfer Audition Preparation | 2 |
| MUSC 271 | Professional Performance Techniques (Vocal) | 4 |

Music - Education

| | | |
|----------|--|---|
| MUSE 100 | Music Fundamentals | 3 |
| MUSE 101 | Musicianship I | 2 |
| MUSE 102 | Harmony I | 3 |
| MUSE 103 | Musicianship II | 2 |
| MUSE 104 | Harmony II | 3 |
| MUSE 109 | Music Appreciation | 3 |
| MUSE 110 | History of Music I | 3 |
| MUSE 111 | History of Music II | 3 |
| MUSE 112 | History of Jazz | 3 |
| MUSE 113 | History of Rock and Roll | 3 |
| MUSE 114 | Introduction to American Music | 3 |
| MUSE 120 | Elementary Piano I | 2 |
| MUSE 121 | Elementary Piano II | 2 |
| MUSE 130 | Voice - Beginning | 2 |
| MUSE 131 | Intermediate Voice | 2 |
| MUSE 140 | Beginning Guitar I | 2 |
| MUSE 141 | Beginning Guitar II | 2 |
| MUSE 160 | Standard Percussion Instrumentation/Techniques | 1 |
| MUSE 161 | World Percussion Instrumentation/Techniques | 1 |
| MUSE 170 | Musical Theatre Academy Techniques | 2 |
| MUSE 171 | Musical Theatre Techniques | 3 |
| MUSE 180 | Summer Instrumental Music Academy | 3 |
| MUSE 188 | Music Production Software/Hardware I | 2 |
| MUSE 189 | Music Production Software/Hardware II | 2 |
| MUSE 201 | Musicianship III | 2 |
| MUSE 202 | Harmony III | 3 |
| MUSE 203 | Musicianship IV | 2 |
| MUSE 204 | Harmony IV | 3 |
| MUSE 220 | Intermediate Piano I | 2 |
| MUSE 221 | Intermediate Piano II | 2 |
| MUSE 222 | Advanced Piano I | 2 |
| MUSE 223 | Advanced Piano II | 2 |

| | | |
|----------|--------------------------------------|---|
| MUSE 224 | Keyboard Skills for the Music Major | 3 |
| MUSE 225 | Popular Piano Styles | 2 |
| MUSE 226 | Functional Piano for the Music Major | 2 |
| MUSE 230 | Voice- Intermediate/Advanced | 2 |
| MUSE 231 | Voice IV - Advanced | 2 |
| MUSE 240 | Intermediate Guitar I | 2 |
| MUSE 241 | Intermediate Guitar II | 2 |

Music - Performance

| | | |
|----------|---|---|
| MUSP 100 | Concert Choir I - Beginning | 3 |
| MUSP 101 | Concert Choir II-Intermediate | 3 |
| MUSP 105 | Women's Ensemble I Beginning | 4 |
| MUSP 106 | Women's Ensemble II Intermediate | 4 |
| MUSP 108 | Men's Ensemble | 3 |
| MUSP 110 | Vocal Ensemble I Beginning | 3 |
| MUSP 111 | Vocal Ensemble II | 3 |
| MUSP 115 | Chamber Chorale I Beginning | 4 |
| MUSP 120 | Chamber Singers I Beginning | 4 |
| MUSP 121 | Chamber Singers II Intermediate | 4 |
| MUSP 133 | Brass Choir I | 3 |
| MUSP 134 | Brass Choir II | 3 |
| MUSP 136 | Percussion Ensemble I | 1 |
| MUSP 138 | World Percussion Ensemble I | 1 |
| MUSP 140 | Chamber Winds I | 4 |
| MUSP 141 | Chamber Winds II | 4 |
| MUSP 145 | Wind Symphony I | 4 |
| MUSP 146 | Wind Symphony II | 4 |
| MUSP 162 | Handbell Ensemble | 1 |
| MUSP 170 | Musical Theatre Academy Production | 4 |
| MUSP 173 | Musical Theatre Production I Beginning | 4 |
| MUSP 178 | Opera Workshop | 2 |
| MUSP 181 | Musical Theater Orchestra I | 4 |
| MUSP 182 | Musical Theatre Orchestra II | 4 |
| MUSP 255 | Competitive Collegiate Jazz Ensemble | 4 |
| MUSP 281 | Musical Theatre Orchestra III | 4 |
| MUSP 282 | Musical Theatre Orchestra IV | 4 |
| MUSP 290 | Applied Music I Beginning | 2 |
| MUSP 291 | Applied Music II Intermediate | 2 |
| MUSP 292 | Applied Music III Intermediate/Advanced | 2 |

Theatre Arts - Drama

| | | |
|----------|------------------------------|---|
| THEA 101 | Introduction to Theatre Arts | 3 |
|----------|------------------------------|---|

| | | |
|-----------|--|---|
| THEA 104A | Voice and Movement for the Actor I - Beginning | 3 |
| THEA 120 | Introduction to Tech for Theatre, TV and Film | 3 |
| THEA 122 | Stagecraft | 3 |
| THEA 125 | Technical Theatre Production | 3 |
| THEA 130 | Introduction to Theatrical Scenery | 3 |
| THEA 140 | Introduction to Lighting for Theatre, Television and Film | 3 |
| THEA 145 | Anatomy of Intelligent Lighting Instruments | 3 |
| THEA 150 | Introduction to Intelligent Lighting Consoles | 3 |
| THEA 160 | Computer Aided Design for Theatre | 4 |
| THEA 200 | The Art of the Theatre | 3 |
| THEA 201 | Stage Acting I - Beginning | 3 |
| THEA 202 | Stage Acting II - Intermediate | 3 |
| THEA 204A | Stage and Screenwriting - Beginning | 3 |
| THEA 210 | Rehearsal and Performance in Production | 3 |
| THEA 211A | Camera Acting I - Beginning | 3 |
| THEA 220 | Rehearsal and Performance II | 3 |
| THEA 240 | Introduction to Live Video Event Production | 3 |
| THEA 241A | Fundamentals of Stage Direction - Beginning | 3 |
| THEA 245 | Stage and Project Management for Theatre, TV and Film | 3 |
| THEA 250 | Theatre Appreciation | 3 |
| THEA 255 | Entertainment Production for Theme Parks and Themed Environments | 2 |
| THEA 260 | Introduction to Show Production Systems | 3 |
| THEA 284 | Acting Shakespeare | 3 |
| THEA 290 | Citrus Theatre Academy | 3 |
| THEA 292A | Special Techniques in Acting - Beginning | 3 |
| THEA 293A | Theatre for Young Audiences - Beginning | 3 |
| THEA 294 | Shakespeare in Production | 3 |
| THEA 698C | Cooperative Education | 3 |
| THEA 699A | Cooperative Education | 1 |

May select one (1) of the following:

| | | |
|----------|--|---|
| ENGL 294 | Introduction to Shakespeare | 3 |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 |
| HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 |

| | | |
|-----------|--|---|
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |
| HUM 110 | Humanities in the 20th Century | 3 |
| PHIL 101 | Great Religions of the World | 3 |
| PHIL 106 | Introduction to Philosophy | 3 |
| PHIL 106H | Introduction to Philosophy - Honors | 3 |
| PHIL 108 | Philosophy/Ethics | 3 |

Total Units 18

A.A. Degree Level Student Learning Outcomes

Students completing the Fine and Performing Arts

A.A. Degree will:

1. Demonstrate fundamental knowledge of Fine and Performing Arts history, techniques and theory.
2. Analyze, create, notate and perform examples in a variety of styles within a studio and/or performance environment.

Kinesiology

A.S. Degree

Kinesiology studies human anatomy and physiology and the mechanics of body movement both theoretically and in practice through physical activities. A diverse curriculum includes lower division theory courses designed for those who want to complete an Associate Degree in Science in Kinesiology and meet transfer requirements. There is also a basic instructional program with a wide variety of movement experiences for the development of physical activity skills and the knowledge necessary for lifetime wellness.

An intercollegiate athletics program offers performance oriented students opportunities for competition. Kinesiology also offers adapted activities curriculum for students with disabilities.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select twelve (12) to eighteen (18) units from the following core courses:

| | | Units |
|----------|--------------------------|-------|
| KIN 169 | Introduction to Coaching | 3 |
| KIN 170 | Fitness for Life | 3 |
| KIN 171 | Health Science | 3 |
| | or | |
| KIN 171H | Health Science - Honors | 3 |

| | | |
|---------|--|---|
| KIN 100 | Introduction to Kinesiology | 3 |
| | or | |
| KIN 172 | Introduction to Physical Education | 3 |
| KIN 173 | Nutrition for Fitness | 3 |
| KIN 174 | Introduction to Team Sports | 3 |
| KIN 175 | Introduction to Individual and Dual Sports | 3 |
| KIN 176 | Elementary School Physical Education | 3 |
| KIN 177 | First Aid - Responding to Emergencies | 3 |
| KIN 182 | Care and Prevention of Athletic Injuries | 3 |

May select two (2) to six (6) units from the following courses:

Theory Courses

| | | |
|---------|---|---|
| KIN 184 | Volleyball Theory | 2 |
| KIN 185 | Softball Theory | 2 |
| KIN 186 | Baseball Theory | 2 |
| KIN 187 | Techniques and Strategy of Intercollegiate Football | 2 |
| KIN 188 | Basketball Theory | 2 |
| KIN 191 | Theory of Intercollegiate Golf | 2 |
| KIN 192 | Aquatic Theory and Techniques | 2 |
| KIN 193 | Track and Field Theory and Techniques | 2 |
| KIN 194 | Soccer Theory | 2 |

Varsity Sport Courses

| | | |
|----------|--------------------------------------|---|
| KINC 209 | Women's Varsity Soccer | 3 |
| KINC 211 | Women's Varsity Volleyball | 3 |
| KINC 212 | Varsity Swimming | 2 |
| KINC 213 | Women's Varsity Basketball | 2 |
| KINC 214 | Women's Varsity Softball | 2 |
| KINC 215 | Varsity Track and Field | 2 |
| KINC 216 | Varsity Cross Country | 3 |
| KINC 220 | Men's Varsity Football | 3 |
| KINC 221 | Men's Varsity Basketball | 2 |
| KINC 224 | Men's Varsity Baseball | 2 |
| KINC 225 | Men's Varsity Golf | 2 |
| KINC 227 | Women's Varsity Golf | 2 |
| KINC 229 | Men's Varsity Water Polo | 2 |
| KINC 230 | Women's Varsity Water Polo | 2 |
| KINC 231 | Men's Varsity Soccer | 2 |
| KINC 232 | Intercollegiate Basketball for Men | 1 |
| KINC 233 | Intercollegiate Basketball for Women | 1 |
| KINC 234 | Intercollegiate Softball | 1 |
| KINC 235 | Intercollegiate Baseball | 1 |
| KINC 236 | Intercollegiate Swimming | 1 |

Biological Science

| | | |
|----------|------------------|---|
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |

Total Units 18

A.S. Degree Level Student Learning Outcomes

Students completing the Kinesiology A.S. Degree will:

1. Identify the dimensions of wellness and recognize positive characteristics of each dimension in order to live a more healthy life style.
2. Demonstrate competency in fundamental techniques to improve individual sport specific skills.
3. Determine current level of fitness as measured by one or more of the following tests: resting heart rate, blood pressure, sit and reach flexibility, skin fold measurements, muscular endurance tests, and cardiovascular sub maximal test.

Language Arts

A.A. Degree

Courses in language arts develop the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units from the following:

| Communications | | Units |
|-----------------------|---|--------------|
| COMM 100 | Mass Media and Society | 3 |
| COMM 101 | Reporting and Writing News | 3 |
| COMM 103 | Freelance Journalism | 1 |
| COMM 104 | Public Relations | 3 |
| COMM 136 | Cultural History of American Films | 3 |
| COMM 200 | Visual Communications | 3 |
| COMM 230 | Desktop Publishing | 3 |
| COMM 240A | Newspaper Production: Beginning Staff | 3 |
| COMM 240B | Multimedia Newsroom: Intermediate Staff | 3 |
| COMM 240C | Multimedia Newsroom: Senior Staff | 3 |
| COMM 240D | Multimedia Newsroom: Staff Leadership | 3 |

| | | |
|----------------|--|--------------|
| COMM 245A | Editorial Board | 2 |
| COMM 250 | Multimedia Reporting | 3 |
| English | | Units |
| ENGL 101 | Reading and Composition or | 3 |
| ENGL 101H | Reading and Composition- Honors | 3 |
| ENGL 102 | Introduction to Literature | 3 |
| ENGL 103 | Composition and Critical Thinking or | 3 |
| ENGL 103H | Composition and Critical Thinking - Honors | 3 |
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |
| ENGL 120 | Introduction to Women's Literature | 3 |
| ENGL 210 | Creative Writing I | 3 |
| ENGL 213 | Horror Literature or | 3 |
| ENGL 213H | Horror Literature–Honors | 3 |
| ENGL 216 | American Latino Literature | 3 |
| ENGL 251 | Introduction to English Literature I | 3 |
| ENGL 252 | Introduction to English Literature II | 3 |
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 |
| ENGL 291 | Film as Literature or | 3 |
| ENGL 291H | Film as Literature - Honors | 3 |
| ENGL 293 | Children's Literature or | 3 |
| ENGL 293H | Children's Literature - Honors | 3 |
| ENGL 294 | Introduction to Shakespeare | 3 |

| | | |
|----------|--------------------------|---|
| ENGL 296 | Introduction to Folklore | 3 |
| ENGL 298 | Literature of the Bible | 3 |

| | | |
|---------------|------------|---|
| German | | |
| GER 101 | German I | 5 |
| GER 102 | German II | 5 |
| GER 201 | German III | 5 |
| GER 202 | German IV | 5 |

| | | |
|----------------|---|---|
| Spanish | | |
| SPAN 101 | Spanish I | 5 |
| SPAN 102 | Spanish II | 5 |
| SPAN 127 | Spanish Civilization | 3 |
| SPAN 141 | Intermediate Conversational Spanish | 3 |
| SPAN 201 | Spanish III | 5 |
| SPAN 202 | Spanish IV | 5 |
| SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |
| SPAN 211 | Reading and Composition for Speakers of Spanish II | 5 |

| | | |
|---------------|-----------------------------|---|
| Speech | | |
| SPCH 100 | Interpersonal Communication | 3 |
| SPCH 101 | Public Address or | 3 |
| SPCH 101H | Public Address - Honors | 3 |
| SPCH 103 | Argumentation and Debate | 3 |
| SPCH 106 | Small Group Communication | 3 |

May select up to one (1) of the following:

| | | |
|----------|---|---|
| ESL 101 | Reading and Composition | 3 |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 |
| HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |
| HUM 110 | Humanities in the 20th Century | 3 |

Total Units 18

A.A. Degree Level Student Learning Outcomes

Students completing the Language Arts A.A. Degree will:

1. Demonstrate college-level critical interpretation, analysis, and synthesis of written material and media messages that reflect multicultural perspectives.
2. Demonstrate college-level informed, thoughtful, effective written, oral, and visual expression in English or other languages.

3. Demonstrate college-level development of cultural appreciation through literature in English and other languages.
4. Demonstrate college-level respect for diverse perspectives and demonstration of cultural awareness, personal responsibility, and ethical behavior within a diverse society.

Liberal Arts: Arts and Humanities

A.A. Degree

The Associate Degree in Liberal Arts is designed for students who wish a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis." These areas of emphasis would be an ideal choice for students planning on transferring to the California State University or University of California as the student can satisfy their general education requirements, plus focus on transferable course work that relates to majors at CSU or UC. Please consult with a counselor for specific information regarding your intended major at the specific colleges/universities of your choice.

These courses emphasize the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation.

Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

This emphasis includes lower division coursework that prepares students for possible majors in the areas of fine arts, foreign languages, literature, and philosophy. This program is intended for students who are planning to transfer to a four-year university. Students are required to complete the general education requirements listed on the IGETC or CSU Breadth advising forms, along with a minimum of 18 units in one area of emphasis.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select 18 units below including at least one course from each category (A and B):

| A. Arts | Units |
|---|--------------|
| Art | |
| ART 100 Art History and Appreciation-Fundamentals | 3 |
| RT 101 Art History and Appreciation-Ancient | 3 |
| ART 102 Art History and Appreciation-Medieval | 3 |
| ART 103 Art History and Appreciation-Renaissance to Rococo | 3 |
| ART 104 Art History and Appreciation-19th Century Art | 3 |
| ART 105 Art History and Appreciation-Early 20th Century Art | 3 |
| ART 110 Introduction to the Visual Arts | 3 |
| ART 111 Beginning Drawing | 3 |
| ART 112 Intermediate Drawing | 3 |
| ART 120 Two-Dimensional Design | 3 |
| ART 121 Three-Dimensional Design | 3 |
| ART 130 Beginning Painting | 3 |
| ART 140 Beginning Ceramics | 3 |
| ART 199 Motion Picture Appreciation | 3 |
| ART 200 History of Motion Pictures | 3 |
| ART 201 History of Motion Pictures II | 3 |
| ART 206 History of Latin American Art | 3 |
| ART 207 History of Asian Art - China, Korea, and Japan | 3 |
| Communications | |
| COMM 100 Mass Media and Society | 3 |
| COMM 136 Cultural History of American Films | 3 |
| COMM 240A Newspaper Production: Beginning Staff | 3 |
| COMM 240B Multimedia Newsroom: Intermediate Staff | 3 |
| COMM 240C Multimedia Newsroom: Senior Staff | 3 |
| COMM 240D Multimedia Newsroom: Staff Leadership | 3 |
| Dance | |
| DANC 102 History of Dance | 3 |
| DANC 130 Alignment and Correctives | 2 |
| DANC 159 Beginning Tap | 1 |
| DANC 160 Jazz Dance Techniques | 1 |
| DANC 161 Beginning Modern Dance | 1 |
| DANC 162 Beginning Ballet | 1 |
| DANC 259 Intermediate Tap I | 1 |
| DANC 260 Intermediate Jazz Dance I | 1 |
| DANC 261 Intermediate Modern Dance I | 1 |

| | | | | | | | | | | |
|----------------------|---|---|--|--|--|--|--|--|--|--|
| DANC 262 | Intermediate Ballet I | 1 | | | | | | | | |
| DANC 289 | Dance Concert Production | 3 | | | | | | | | |
| Music | | | | | | | | | | |
| MUSE 109 | Music Appreciation | 3 | | | | | | | | |
| MUSE 110 | History of Music I | 3 | | | | | | | | |
| MUSE 111 | History of Music II | 3 | | | | | | | | |
| MUSE 112 | History of Jazz | 3 | | | | | | | | |
| MUSE 113 | History of Rock and Roll | 3 | | | | | | | | |
| MUSE 114 | Introduction to American Music | 3 | | | | | | | | |
| MUSE 120 | Elementary Piano I | 2 | | | | | | | | |
| MUSE 201 | Musicianship III | 2 | | | | | | | | |
| MUSE 202 | Harmony III | 3 | | | | | | | | |
| MUSE 203 | Musicianship IV | 2 | | | | | | | | |
| MUSE 204 | Harmony IV | 3 | | | | | | | | |
| MUSP 290 | Applied Music I Beginning | 2 | | | | | | | | |
| MUSP 291 | Applied Music II Intermediate | 2 | | | | | | | | |
| Photography | | | | | | | | | | |
| PHTO 101 | Basic Photography | 3 | | | | | | | | |
| Theatre | | | | | | | | | | |
| THEA 101 | Introduction to Theatre Arts | 3 | | | | | | | | |
| THEA 120 | Introduction to Tech for Theatre, TV and Film | 3 | | | | | | | | |
| THEA 125 | Technical Theatre Production | 3 | | | | | | | | |
| THEA 200 | The Art of the Theatre | 3 | | | | | | | | |
| THEA 201 | Stage Acting I - Beginning | 3 | | | | | | | | |
| THEA 202 | Stage Acting II - Intermediate | 3 | | | | | | | | |
| B. Humanities | | | | | | | | | | |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 | | | | | | | | |
| or | | | | | | | | | | |
| HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 | | | | | | | | |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 | | | | | | | | |
| HUM 110 | Humanities in the 20th Century | 3 | | | | | | | | |
| English | | | | | | | | | | |
| ENGL 102 | Introduction to Literature | 3 | | | | | | | | |
| ENGL 120 | Introduction to Women's Literature | 3 | | | | | | | | |
| ENGL 210 | Creative Writing I | 3 | | | | | | | | |
| ENGL 213 | Horror Literature | 3 | | | | | | | | |
| or | | | | | | | | | | |
| ENGL 213H | Horror Literature - Honors | 3 | | | | | | | | |
| ENGL 216 | American Latino Literature | 3 | | | | | | | | |
| ENGL 251 | Introduction to English Literature I | 3 | | | | | | | | |
| ENGL 252 | Introduction to English Literature II | 3 | | | | | | | | |
| ENGL 261 | Introduction to U.S. American Literature I | 3 | | | | | | | | |
| ENGL 262 | Introduction to U.S. American Literature II | 3 | | | | | | | | |
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 | | | | | | | | |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 | | | | | | | | |
| ENGL 291 | Film as Literature | 3 | | | | | | | | |
| or | | | | | | | | | | |
| ENGL 291H | Film as Literature-Honors | 3 | | | | | | | | |
| ENGL 293 | Children's Literature | 3 | | | | | | | | |
| or | | | | | | | | | | |
| ENGL 293H | Children's Literature-Honors | 3 | | | | | | | | |
| ENGL 294 | Introduction to Shakespeare | 3 | | | | | | | | |
| ENGL 296 | Introduction to Folklore | 3 | | | | | | | | |
| ENGL 298 | Literature of the Bible | 3 | | | | | | | | |
| German | | | | | | | | | | |
| GER 101 | German I | 5 | | | | | | | | |
| GER 102 | German II | 5 | | | | | | | | |
| GER 201 | German III | 5 | | | | | | | | |
| GER 202 | German IV | 5 | | | | | | | | |
| History | | | | | | | | | | |
| HIST 103 | History of World Civilization up to 1500 | 3 | | | | | | | | |
| or | | | | | | | | | | |
| HIST 103H | History of World Civilization up to 1500 - Honors | 3 | | | | | | | | |
| HIST 127 | Spanish Civilization | 3 | | | | | | | | |
| HIST 140 | History of the American West | 3 | | | | | | | | |
| Humanities | | | | | | | | | | |
| HUM 101 | Humanities - Prehistory through the Medieval Period | 3 | | | | | | | | |
| or | | | | | | | | | | |
| HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 | | | | | | | | |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 | | | | | | | | |
| HUM 110 | Humanities in the 20th Century | 3 | | | | | | | | |

Japanese

| | | |
|---------|-------------|---|
| JPN 101 | Japanese I | 5 |
| JPN 102 | Japanese II | 5 |

Philosophy

| | | |
|-----------|-----------------------------------|---|
| PHIL 101 | Great Religions of the World | 3 |
| PHIL 106 | Introduction to Philosophy | 3 |
| PHIL 106H | Introduction to Philosophy-Honors | 3 |
| PHIL 108 | Philosophy/Ethics | 3 |

Spanish

| | | |
|----------|--|---|
| SPAN 101 | Spanish I | 5 |
| SPAN 102 | Spanish II | 5 |
| SPAN 127 | Spanish Civilization | 3 |
| SPAN 201 | Spanish III | 5 |
| SPAN 202 | Spanish IV | 5 |
| SPAN 210 | Intermediate Spanish for Speakers of Spanish | 5 |
| SPAN 211 | Reading and Composition for Speakers of Spanish II | 5 |

Total Units 18

A.A. Degree Level Student Learning Outcomes

Students completing the Liberal Arts: Emphasis in Arts and Humanities A.A. Degree will:

1. Demonstrate fundamental knowledge of Fine and Performing Arts history, techniques and theory.
2. Analyze, create, notate and perform examples in a variety of styles within a studio and/or performance environment.
3. Demonstrate college-level critical interpretation, analysis, and synthesis of written material and media messages that reflect multicultural perspectives.
4. Demonstrate college-level informed, thoughtful, effective written, oral, and visual expression in English or other languages.
5. Demonstrate college-level development of cultural appreciation through literature in English and other languages.
6. Demonstrate respect for diverse perspectives and demonstration of cultural awareness, personal responsibility, and ethical behavior within a diverse society.

Liberal Arts: Math and Science
A.A. Degree

The Associate Degree in Liberal Arts is designed for students who wish a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis". This area of emphasis would be an ideal choice for students planning on transferring to the California State University or University of California as the student can satisfy their general education requirements, plus focus on transferable course work that relates to majors at CSU or UC. Please consult with a counselor for specific information regarding your intended major at the specific colleges/universality of your choice.

These courses emphasize the natural sciences, which examine the physical universe, its life forms and its natural phenomena. Courses in math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on human experience. This emphasis includes lower-division coursework that prepares students for majors in science and engineering, math and health related fields.

This program is intended for students who are planning to transfer to a four-year university. Students are required to complete the general education requirements listed on the IGETC or CSU Breadth advising forms, along with a minimum of 18 units in one area of emphasis.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units of the following including at least one course from each of areas A and B:

| A. Science | | Units |
|---------------------|---|--------------|
| Anthropology | | |
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| ANTH 212L | Introduction to Physical Anthropology Lab | 1 |

| Astronomy | | Units |
|----------------------|--|--------------|
| ASTR 115 | Planetary Astronomy | 3 |
| | or | |
| ASTR 115H | Planetary Astronomy-Honors | 3 |
| ASTR 116 | Stellar Astronomy | 4 |
| ASTR 117 | Life In The Universe | 3 |
| Biology | | |
| BIOL 104 | Biology: Contemporary Topics | 3 |
| BIOL 105 | General Biology | 4 |
| BIOL 109 | Biology for Educators | 4 |
| BIOL 124 | Principles of Biology I | 5 |
| BIOL 125 | Principles of Biology II | 5 |
| BIOL 145 | Environmental Science | 3 |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |
| Chemistry | | |
| CHEM 103 | College Chemistry | 5 |
| CHEM 104 | College Chemistry | 5 |
| CHEM 106 | Physical Science for Educators | 4 |
| CHEM 110 | Beginning General Chemistry | 5 |
| CHEM 112 | General Chemistry | 5 |
| CHEM 210 | Organic Chemistry | 3 |
| CHEM 211L | Organic Chemistry Laboratory | 1 |
| CHEM 220 | Organic Chemistry B | 3 |
| CHEM 221L | Organic Chemistry B Laboratory | 1 |
| Earth Science | | |
| ESCI 106 | Earth and Space Science for Educators | 4 |
| ESCI 120 | Physical Geology | 4 |
| ESCI 121 | Historical Geology | 4 |
| ESCI 124 | Environmental Geology | 3 |
| ESCI 130 | Physical Oceanography | 3 |
| Geography | | |
| GEOG 118 | Physical Geography | 3 |
| Physics | | |
| PHYS 106 | Physical Science for Educators | 4 |
| PHYS 110 | Introduction to College Physics | 4 |
| PHYS 111 | Physics for Life Sciences I | 4 |
| PHYS 112 | Physics for Life Sciences II | 4 |
| PHYS 201 | Physics A: Mechanics | 5 |
| PHYS 202 | Physics B: Thermodynamics and Electromagnetism | 5 |

| B. Mathematics | | |
|-----------------------|--|-----------------------|
| MATH 151 | Plane Trigonometry | 4 |
| MATH 160 | Survey of Mathematics | 4 |
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |
| MATH 169 | Mathematics for Elementary Teachers II | 4 |
| MATH 170 | College Algebra | 4 |
| MATH 175 | Pre-Calculus | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| MATH 210 | Calculus with Analytic Geometry III | 4 |
| MATH 211 | Differential Equations | 5 |
| MATH 212 | Introduction to Linear Algebra | 4 |
| | | Total Units 18 |

A.A. Degree Level Student Learning Outcomes

Students completing the Liberal Arts: Emphasis in Math and Science A.A. Degree will:

1. Use proper vocabulary and notation when describing mathematical concepts. They will be able to read books and documents and extract quantitative information.
2. Develop level-appropriate computational skills. These will include numeric calculation, evaluation of expressions, analysis of data, and application of concepts.
3. Investigate and explain physical phenomena through application of empirical knowledge using mathematical and scientific processes and concepts.
4. Develop an understanding of and curiosity toward the physical world. They will develop the analytical skills to devise questions and propose quantitative solutions.
5. Demonstrate computational skills and an understanding of mathematical reasoning that will increase self esteem and set them on the path of Lifelong Learning.

Liberal Arts: Social and Behavioral Sciences

A.A. Degree

The Associate Degree in Liberal Arts is designed for students who want a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis." This area of emphasis would be an ideal choice for students planning on transferring to the California State University or University of California as the student can satisfy their general education requirements, plus focus on transferable course work that relates to majors at CSU or UC. Please consult with a counselor for specific information regarding your intended major at the specific colleges/universities of your choice.

These courses emphasize the perspective, concepts, theories and methodologies of the variety of disciplines that comprise study in the social sciences. Students will study human experience in the context of the larger society. Students will study how individuals, social subgroups, and societies operate in relation to each other.

This emphasis includes lower division coursework that prepares students for majors in the areas of social or behavioral sciences such as anthropology, history, political science, psychology and sociology. This program is intended for students who are planning to transfer to a four-year university. Students are required to complete the general education requirements listed on the IGETC or CSU Breadth advising forms, along with a minimum of 18 units in one area of emphasis.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units of the following, including two or more disciplines:

| | | Units |
|-----------|---|-------|
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| | or | |
| ANTH 210H | Introduction to Cultural Anthropology- Honors | 3 |

| | | |
|-----------------------|---|---|
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| | or | |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective-Honors | 3 |
| ANTH 220 | Introduction to Archaeology | 3 |
| Economics | | |
| ECON 100 | Survey of Economics | 3 |
| ECON 101 | Principles of Macroeconomics | 3 |
| | or | |
| ECON 101H | Principles of Macroeconomics-Honors | 3 |
| ECON 102 | Principles of Microeconomics | 3 |
| Ethnic Studies | | |
| ETHN 101 | Introduction to Ethnic Studies | 3 |
| Geography | | |
| GEOG 102 | Cultural Geography | 3 |
| History | | |
| HIST 103 | History of World Civilization up to 1500 | 3 |
| | or | |
| HIST 103H | History of World Civilization up to 1500-Honors | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 |
| HIST 105 | History of World Civilization-The 20th Century | 3 |
| HIST 107 | History of the United States before 1877 | 3 |
| | or | |
| HIST 107H | History of the United States before 1877-Honors | 3 |
| HIST 108 | History of the United States from 1877 | 3 |
| | or | |
| HIST 108H | History of the United States from 1877- Honors | 3 |
| HIST 109 | The World in Conflict-The 20th Century, a History | 3 |
| HIST 110 | A Survey History of Africa | 3 |
| HIST 111 | History of the African-Americans to 1876 | 3 |

| | | |
|----------|---|---|
| HIST 112 | History of the African-Americans since 1876 | 3 |
| HIST 120 | British Civilization | 3 |
| HUM 127 | Spanish Civilization | 3 |
| HIST 139 | History of California | 3 |
| HIST 140 | History of the American West | 3 |
| HIST 145 | History of Mexico | 3 |
| HIST 155 | History of the Vietnam War | 3 |
| HIST 222 | History of World War II | 3 |

Linguistics

| | | |
|----------|--|---|
| LING 101 | Introduction to Language and Linguistics | 3 |
|----------|--|---|

Political Science

| | | |
|-----------|---|---|
| POLI 103 | American Government and Politics | 3 |
| | or | |
| POLI 103H | American Government and Politics-Honors | 3 |
| POLI 104 | Introduction to Political Science | 3 |
| POLI 105 | Comparative Politics | 3 |
| POLI 116 | International Relations | 3 |

Psychology

| | | |
|----------|--|---|
| PSY 101 | Introduction to Psychology | 3 |
| | or | |
| PSY 101H | Introduction to Psychology-Honors | 3 |
| PSY 102 | Psychobiology | 3 |
| PSY 103 | Elementary Statistics | 3 |
| PSY 110 | Psychology of Religion I | 3 |
| PSY 203 | Research Methods in Psychology | 4 |
| PSY 205 | Developmental Psychology | 3 |
| PSY 206 | Child Growth and Development | 3 |
| PSY 212 | Behavioral Disorders | 3 |
| PSY 213 | Survey of Drug and Alcohol Use and Abuse | 3 |
| PSY 220 | Introduction to Social Psychology | 3 |
| PSY 225 | Psychology of Human Sexuality | 3 |
| PSY 226 | Psychology of Women | 3 |

Sociology

| | | |
|----------|--|---|
| SOC 114 | Marriage, Family, and Intimate Relations | 3 |
| SOC 118 | Minorities in America | 3 |
| SOC 201 | Introduction to Sociology | 3 |
| | or | |
| SOC 201H | Introduction to Sociology-Honors | 3 |

| | | |
|---------|--|---|
| SOC 202 | Contemporary Social Problems | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |

May select one (1) of the following:

| | | |
|----------|-----------------------------------|---|
| MATH 165 | Introductory Statistics | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |

Total Units 18

A.A. Degree Level Student Learning Outcomes

Students completing the Liberal Arts: Emphasis in Social and Behavioral Sciences A.A. Degree will:

1. Demonstrate understanding of social and/or behavioral science issues and vocabulary.
2. Demonstrate analytic thinking by comparing and applying social and/or behavioral science or philosophical theories and concepts to human culture, economics, history, politics, or philosophical questions.
3. Develop an understanding of cultural, social, economic, historical, philosophical, and/or political views different from one's own.

Liberal Arts: Technology and Business

A.A. Degree

The Associate Degree in Liberal Arts is designed for students who wish a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis." This area of emphasis would be an ideal choice for students planning on transferring to the California State University or University of California as the student can satisfy their general education requirements, plus focus on transferable course work that relates to majors at CSU or UC.

Please consult with a counselor for specific information regarding your intended major at the specific colleges/universities of your choice.

These courses emphasize the integration of theory and practice within the fields of business and technology. Students will develop the ability to effectively manage and lead organizations. Students will demonstrate an understanding of the place of business and technology within the global economy. This emphasis includes lower division coursework that prepares students for majors in the areas of technology and business such as accounting, computer information systems, economics, finance, human resources, international management, and marketing at a four-year institution.

This program is intended for students who are planning to transfer to a four-year university. Students are required to complete the general education requirements listed on the IGETC or CSU Breadth advising forms, along with a minimum of 18 units in one area of emphasis.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units from the following, including 2 or more disciplines:

| Accounting | | Units |
|--|---|--------------|
| ACCT 101 | Financial Accounting | 4 |
| | or | |
| ACCT 101H | Financial Accounting-Honors | 4 |
| ACCT 102 | Managerial Accounting | 4 |
| Business | | |
| BUS 130 | Introduction to Business | 3 |
| BUS 160 | Business Law and the Legal Environment I | 3 |
| BUS 161 | Business Law and the Legal Environment II | 3 |
| Computer Information Systems | | |
| CIS 130 | Microcomputer Applications I | 4 |
| Computer Science | | |
| CS 111 | Introduction to Programming Concepts and Design | 4 |
| CS 225 | Object Oriented Programming | 4 |
| Economics | | |
| ECON 101 | Principles of Macroeconomics | 3 |
| | or | |
| ECON 101H | Principles of Macroeconomics-Honors | 3 |
| ECON 102 | Principles of Microeconomics | 3 |
| May select one (1) course from the following: | | |
| MATH 162 | Introductory Mathematical Analysis | 4 |
| MATH 165 | Introductory Statistics | 4 |
| MATH 190 | Calculus with Analytic Geometry I | 4 |
| MATH 191 | Calculus with Analytic Geometry II | 4 |
| Total Units | | 18 |

A.A. Degree Level Student Learning Outcomes

Students completing the Liberal Arts: Emphasis in Technology and Business A.A. Degree will:

1. Understand the functions of business management and their impact on organizational performance.
2. Understand the environments that impact organizational growth.
3. Effectively communicate within business organizations.
4. Critically analyze business issues.

Medium and Heavy Diesel Truck Technology

A.S. Degree

Prepares students for occupations in diesel engine technology, bus service and repair, medium and heavy truck service and repair, rail service occupations and/or provides an opportunity for advancement within these occupations. Employment is available in both the public and private sectors.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------------|--|--------------|
| AUTO 101 | Fundamentals of Automotive Service, Diagnosis and Repair | 5 |
| AUTO 149 | Diesel Engine Management Systems | 4 |
| AUTO 156 | Automotive Electrical/Electronic Systems I | 5 |
| AUTO 167 | Automotive HVAC Service, Diagnosis & Repair | 3 |
| MTRK 151 | Medium and Heavy Truck Engines Service, Diagnosis, and Repair | 5 |
| MTRK 152 | Medium and Heavy Truck Drivetrain Service, Diagnosis, and Repair | 5 |
| MTRK 154 | Medium and Heavy Truck Chassis Service, Diagnosis, and Repair | 5 |
| Total Units | | 32 |

A.S. Degree Level Student Learning Outcomes

Students completing the Medium and Heavy Diesel Truck Technology A.S. Degree will:

1. Given a performance complaint by the operator: verify the operator's complaint; diagnose the failure or find the vehicle operating as designed; estimate the labor and parts cost; and make a clear needs/recommendations statement on the repair order citing both complaint and cause. In addition, once the student receives authorization, the student will service and/or repair the vehicle to industry standards, verify the repair has corrected the operator's complaint and document the remedy.

Music**A.A. Degree**

This degree provides students with a foundational musical background, including music theory, history, rudimentary piano competency, performance and techniques/application.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select one (1) musicianship and one (1) harmony course from the following:

| | Units |
|---------------------------|--------------|
| MUSE 101 Musicianship I | 2 |
| MUSE 103 Musicianship II | 2 |
| MUSE 201 Musicianship III | 2 |
| MUSE 203 Musicianship IV | 2 |
| MUSE 102 Harmony I | 3 |
| MUSE 104 Harmony II | 3 |
| MUSE 202 Harmony III | 3 |
| MUSE 204 Harmony IV | 3 |

Select one (1) course from the following music history courses:

| | |
|---|---|
| MUSE 109 Music Appreciation | 3 |
| MUSE 110 History of Music I | 3 |
| MUSE 111 History of Music II | 3 |
| MUSE 112 History of Jazz | 3 |
| MUSE 113 History of Rock and Roll | 3 |
| MUSE 114 Introduction to American Music | 3 |

Select one (1) course from the following piano courses:

| | |
|------------------------------|---|
| MUSE 120 Elementary Piano I | 2 |
| MUSE 121 Elementary Piano II | 2 |

| | | |
|----------|-------------------------------------|---|
| MUSE 220 | Intermediate Piano I | 2 |
| MUSE 221 | Intermediate Piano II | 2 |
| MUSE 222 | Advanced Piano I | 2 |
| MUSE 223 | Advanced Piano II | 2 |
| MUSE 224 | Keyboard Skills for the Music Major | 3 |

Select at least two (2) units from the following techniques/application courses

| | | |
|----------|--|---|
| MUSC 100 | Styles, Technique, and the Soul of Popular Singing | 2 |
| MUSC 140 | Jazz Improvisation I | 3 |
| MUSC 151 | Songwriting I | 2 |
| MUSC 152 | Songwriting II | 2 |
| MUSC 160 | Sight Reading for the Studio I | 3 |
| MUSC 161 | Sight Reading for the Studio II | 3 |
| MUSC 190 | Career Opportunities in the Music Entertainment Industry | 3 |
| MUSE 121 | Elementary Piano II | 2 |
| MUSE 130 | Voice - Beginning | 2 |
| MUSE 131 | Intermediate Voice | 2 |
| MUSE 140 | Beginning Guitar I | 2 |
| MUSE 141 | Beginning Guitar II | 2 |
| MUSE 160 | Standard Percussion Instrumentation/Techniques | 1 |
| MUSE 161 | World Percussion Instrumentation/Techniques | 1 |
| MUSE 188 | Music Production Software/Hardware I | 2 |
| MUSE 189 | Music Production Software/Hardware II | 2 |
| MUSE 220 | Intermediate Piano I | 2 |
| MUSE 221 | Intermediate Piano II | 2 |
| MUSE 222 | Advanced Piano I | 2 |
| MUSE 223 | Advanced Piano II | 2 |
| MUSE 224 | Keyboard Skills for the Music Major | 3 |
| MUSE 225 | Popular Piano Styles | 2 |
| MUSE 226 | Functional Piano for the Music Major | 2 |
| MUSE 230 | Voice - Intermediate/Advanced | 2 |
| MUSE 231 | Voice IV - Advanced | 2 |
| MUSE 240 | Intermediate Guitar I | 2 |
| MUSE 241 | Intermediate Guitar II | 2 |
| MUSE 288 | Electronic Music III | 2 |
| MUSP 151 | Individual Performance Techniques | 2 |
| MUSP 171 | Musical Theatre Workshop | 4 |
| MUSP 173 | Musical Theatre Production I Beginning | 4 |
| MUSP 178 | Opera Workshop | 2 |

No courses used to satisfy other requirements may be counted in this section.

Select six (6) units from the following performance courses:

| | | |
|----------|---|---|
| MUSC 102 | Pop/Rock Ensemble I | 2 |
| MUSC 103 | Pop/Rock Ensemble II | 2 |
| MUSC 104 | Pop, Rock, and Jazz Performance Styles I | 4 |
| MUSC 105 | Pop, Rock, and Jazz Performance Styles II | 4 |
| MUSC 106 | Citrus College Show Choir I | 4 |
| MUSC 110 | Pop/Cumbia Ensemble I | 2 |
| MUSC 112 | Pop/Salsa Ensemble I | 2 |
| MUSC 120 | Studio Laboratory Band I | 4 |
| MUSC 121 | Studio Laboratory Band II | 4 |
| MUSC 122 | Jazz Ensemble | 4 |
| MUSC 130 | Studio Orchestra I | 4 |
| MUSC 131 | Studio Orchestra II | 4 |
| MUSC 142 | Jazz Combos | 1 |
| MUSC 144 | Fusion Ensemble | 1 |
| MUSC 146 | Chamber Jazz | 4 |
| MUSC 160 | Sight Reading for the Studio I | 3 |
| MUSP 100 | Concert Choir I - Beginning | 3 |
| MUSP 101 | Concert Choir II-Intermediate | 3 |
| MUSP 105 | Women's Ensemble I Beginning | 4 |
| MUSP 106 | Women's Ensemble II Intermediate | 4 |
| MUSP 108 | Men's Ensemble | 3 |
| MUSP 110 | Vocal Ensemble I Beginning | 3 |
| MUSP 111 | Vocal Ensemble II | 3 |
| MUSP 115 | Chamber Chorale I Beginning | 4 |
| MUSP 120 | Chamber Singers I Beginning | 4 |
| MUSP 121 | Chamber Singers II Intermediate | 4 |
| MUSP 133 | Brass Choir I | 3 |
| MUSP 134 | Brass Choir II | 3 |
| MUSP 136 | Percussion Ensemble I | 1 |
| MUSP 138 | World Percussion Ensemble I | 1 |
| MUSP 140 | Chamber Winds I | 4 |
| MUSP 141 | Chamber Winds II | 4 |
| MUSP 145 | Wind Symphony I | 4 |
| MUSP 146 | Wind Symphony II | 4 |
| MUSP 181 | Musical Theater Orchestra I | 4 |
| MUSP 200 | Concert Choir III Intermediate/Advanced | 3 |
| MUSP 201 | Concert Choir IV- Advanced | 3 |

Total Units 18 - 21

A.A. Degree Level Student Learning Outcomes

Students completing the Music A.A. Degree will:

1. Demonstrate a foundational knowledge in music theory.
2. Demonstrate a rudimentary piano proficiency.
3. Display basic proficiency in a specific instrumental, vocal, or creative techniques or styles.
4. Exhibit perspective on historical and stylistic components of music and musical literature.
5. Demonstrate competency in performance skills and ability.

Photography

A.S. Degree

The Photography Program will prepare students for careers as an assistant to a professional photographer or as a lab technician or free-lance photographer. Students can also obtain positions in retail photographic outlets.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------------|--------------------------|--------------|
| PHTO 101 | Basic Photography | 3 |
| PHTO 102 | Intermediate Photography | 3 |
| PHTO 103 | Advanced Photography | 3 |
| PHTO 205 | Color Photography | 3 |

Select three (3) of the following:

| | | |
|----------|---------------------------------------|---|
| PHTO 125 | Photography as an Art Medium | 3 |
| PHTO 126 | Advanced Photography as an Art Medium | 3 |
| PHTO 202 | Photojournalism | 3 |
| PHTO 206 | Intermediate Color Photography | 3 |
| PHTO 213 | Studio & Environmental Portraiture | 3 |

A course may be used only once to fulfill the degree requirements.

Total Units 21

A.S. Degree Level Student Learning Outcomes

Students completing the Photography A.S. Degree will:

1. Demonstrate computer proficiency in specialized programs related to photographs.
2. Demonstrate knowledge of photographic theory in choosing new products and using them effectively.
3. Review, analyze and critique photographic work of others.
4. Analyze and evaluate personal and other student's images through use of evaluation rubrics based on aesthetic concepts.

Public Works

A.S. Degree

These course offerings prepare new personnel for public works occupations and provide upgrading within these occupations. Job opportunities exist in both the public and private sectors.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------|---|-----------|
| PUB 150 | Public Works I | 3 |
| PUB 151 | Street Construction and Maintenance | 3 |
| PUB 155 | Public Works Inspection | 3 |
| PUB 157 | Asphalt and Portland Cement | 3 |
| PUB 160 | Public Administration | 3 |
| PUB 164 | Plan Interpretation and Cost Estimating | 3 |
| PUB 166 | Supervision in Public Works | 3 |
| Total Units | | 21 |

A.S. Degree Level Student Learning Outcomes

Students completing the Public Works A.S. Degree will:

1. Explain how to effectively use resources to administer infrastructure maintenance.
2. Describe and explain the fundamentals of street maintenance.
3. Demonstrate knowledge of equipment and techniques used for street maintenance.
4. Explain preventative methods and materials, emphasizing the importance of the need for longevity, in street construction and maintenance.

5. Properly demonstrate a clear understanding of inspection records, duties, and job diary techniques.
6. Describe and explain the ability to read and interpret plans.
7. Demonstrate a clear understanding of codes and ordinances.

Recording Technology

A.S. Degree

The Recording Technology Degree Program is a hands-on, career education program which develops critical skills in audio engineering, live sound reinforcement, sound for film, television and gaming. The program teaches the audio basics necessary to engineer any kind of music and sound, from rock concerts to classical recordings, movie scenes to video games. Acceptance into the Recording Technology Degree Program is by interview only.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required pre-requisite courses: | | Units |
|-------------------------------------|------------------------------------|-------|
| REC 100 | Survey of Entertainment Technology | 4 |
| REC 103 | Introduction to Audio Engineering | 4 |
| REC 140 | Music Theory for Engineers | 3 |
| Required core audio courses: | | |
| REC 105 | Fundamentals of Audio Technology | 4 |
| REC 115 | Recording Studio Workshop I | 4 |
| REC 205 | Advanced Audio Technology | 4 |
| REC 215 | Recording Studio Workshop II | 4 |

Required digital audio courses:

| | | |
|---------|-----------------------------|---|
| REC 125 | Digital Audio Technology I | 3 |
| REC 225 | Digital Audio Technology II | 4 |

Other required courses:

| | | |
|---------|---|---|
| REC 135 | Live Sound Reinforcement | 4 |
| REC 145 | Critical Listening Skills for Engineers | 3 |
| REC 235 | Acoustics for Engineers | 3 |
| REC 245 | Music Business/Audio Careers | 3 |

Total Units 47

A.S. Degree Level Student Learning Outcomes

Students completing the Recording Technology A.S. Degree will:

1. Exhibit proficiency in technical operation, communication, and production in the recording studio.
2. Demonstrate proficiency in cross-platform computer operation and use of multiple software applications.
3. Successfully integrate as professionals into the entertainment industry by demonstrating competency in music business, acoustics, critical listening and live sound reinforcement.

Registered Nursing**A.S. Degree**

The Citrus College Associate Degree Nursing (ADN) Program, leading to an Associate in Science Degree with a major in nursing, is approved by the California Board of Registered Nursing (BRN). The purpose of the nursing program is to educate students for entry-level registered nursing positions in a variety of multicultural health care settings within the community. The program consists of course work in nursing, science, general education and clinical practice at local hospitals and health agencies. The graduate of this two-year program is eligible to take the National Council for Licensure Examination (NCLEX), and upon successful completion, become licensed as a Registered Nurse (RN) in the State of California. There are fees for obtaining licensure by examination or endorsement, interim permit, and biennial renewal. California law allows for the denial of registered nursing licensure on the basis of any prior convictions substantially related to nursing practice. More information can be obtained by visiting the BRN website at

<http://www.rn.ca.gov/applicants/lic-faqs.shtml>.

The Citrus College ADN Program philosophy is based upon the premise that students bring unique learning abilities, life experiences, goals, responsibilities and support systems to the educational experience. The philosophy of the Citrus College ADN Program supports and implements the Mission Statement of Citrus College. The program and faculty believe that a sound nursing education program is built on concepts relating to the individual, health and illness, the environment, and nursing, which includes nursing education and teaching and learning.

In-depth information about the program prerequisites, which are those requirements that must be completed prior to applying to the ADN Program, can be obtained by visiting the website, through Counseling, or by attending Nursing Information Workshops (posted on the website). To access the ADN website, visit www.citruscollege.edu, use the A to Z index and select Registered Nursing.

REGARDING LICENSURE

The BRN protects the consumer by screening applicants for licensure in order to identify potentially unsafe practitioners. The BRN may deny applications for interim permits, temporary licenses, and permanent licensure, if the applicant has been found guilty of dishonesty, fraud or deceit, felony child abuse, sex offender crimes, acts involving narcotics, dangerous drugs or devices, assault and/or battery, and other crimes. Applicants who have questions regarding limitations related to licensure should contact the BRN at (916) 322-3350 or access the BRN website at www.rn.ca.gov.

ENROLLMENT PROCESS

Separate applications must be made into the nursing program. All ADN applicants selected will be required to also apply to Citrus College. Several admission and progression options are available including the Generic Option, the Advanced Placement Option, and the 30-Unit Option. Specific information is available in the application packet, on the website, and at scheduled information workshops held by nursing counselors. Visit the website for application dates.

PLACEMENT OPTIONS

1. Generic Option students are those who will complete the entire ADN Program at Citrus College. The application is submitted, and if qualified, cohort selection is made according to the current enrollment process. Students must also take the Testing of Essential Academic Skills, version five (TEAS). Only TEAS tests taken at Citrus College will be accepted. The TEAS tests the prospective student's knowledge of basic math, English, reading and applicable science. Prospective students must score a minimum of 62% on the TEAS V.

2. **Advanced Placement Option (LVN to RN)** students are those documented as Licensed Vocational Nurses in California, with documentation proof of one year of full-time experience. Students choosing this option must apply to the program, complete all program prerequisites and general education, degree and graduation requirements, pass the TEAS V with a minimum of 62%, and complete Role Transition/RNRS 200 with a C or better. Placement will then be into the third semester of the ADN Program.
3. **Thirty-Unit Option** is available to California Licensed Vocational Nurses. The BRN regulation 1435.5 provides the option of completing 30 semester units in nursing and related science courses in order to be eligible to take the RN licensure exam (NCLEX). **The Citrus College ADN Program may accept up to 2% of qualified 30-Unit Option applicants into a cohort.** To qualify for this option, the applicant must:
- Have a current California Vocational Nurse License (LVN)
 - Have previously completed human physiology, 4 or 5 units with a lab, and microbiology, 4 or 5 units with a lab; both with a C or better. **The application and placement policy for Advanced Placement also applies to this option (see item 2 above).**

Candidates completing this option are **not** graduates of Citrus College, will not be awarded a degree, but are eligible to take the NCLEX. The prospective student should be aware that they may not change their status as a 30 unit option RN with the BRN at any time after licensure. Individuals who become licensed as Registered Nurses using this option may not be eligible for licensure in states other than California and may have difficulty transferring to a BSN program even if degree requirements are completed. The program is accredited by the California Board of Registered Nursing. They are not eligible to wear the Citrus College ADN Nursing pin nor graduate from the Associate Degree Program. Prospective students must score a minimum of 62% on the TEAS V.

4. **Transfer students** are those who transfer nursing units to Citrus College from another college. The education code allows students to transfer only lower division units to a community college. Requests for transfer are evaluated on a case-by-case basis. Transfer placement will be made on a space available basis and is determined by the course content and number of nursing degree units completed. If the prospective student has earned a single non-progression grade (D or F) in a registered nursing program at another school, that non-progression grade will be considered the only allowable failure for that student. A single further non-progression grade will result in dismissal from the program, without the ability to return. Prospective students must score a minimum of 62% on the TEAS V.
5. **Challenge Students** are those students admitted to the ADN program with previous documented experience who may be allowed to challenge certain, specified content areas (Education Code, Section 5557537), Title 5 of the California Administrative Code.

*The TEAS requirement applies to all entry options.

After all prerequisites have been verified as complete, and there are more applicants than spaces available, selection will be based on the enrollment criteria. The enrollment criteria is based on the recommended Best Practice for Enrollment prepared by the California Community Colleges Chancellor's Office. Please contact the nursing counselors for further clarification of the enrollment process.

DEGREE AWARDED

Associate in Science, Nursing (ADN) – Requires degree applicable coursework including ADN Nursing Program Prerequisites, Nursing General Education, ADN General Education for Associate Degree, and Nursing Option-specific coursework. All requirements must be completed with a grade of C or better to progress in the program, graduate with an ADN, and qualify for licensure through NCLEX.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

GENERIC OPTION - See Option

| Description Above | | Units |
|---|------------------------------------|-------|
| ADN NURSING PROGRAM PREREQUISITES/ TAKEN PRIOR TO ENTRY: | | |
| BIOL 200 | Human Anatomy | 4 |
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |
| | | |
| ENGL 101 | Reading and Composition | 3 |
| or | | |
| ENGL 101H | Reading and Composition- Honors | 3 |

TOTAL FOR PROGRAM PREREQUISITES 16

Citrus College has required prerequisites on anatomy, physiology, and microbiology. Students who transfer completed science graduation requirements including anatomy, physiology and microbiology from another school not requiring chemistry and general biology as prerequisites will be granted science credit for graduation. See the nursing counselor for additional information.

**ADN NURSING PROGRAM REQUIRED
GENERAL EDUCATION COURSES/TAKEN
PRIOR TO ENTRY:**

| | | Units |
|-----------|---|-------|
| PSY 205 | Developmental Psychology | 3 |
| | | |
| SPCH 100 | Interpersonal Communication | 3 |
| or | | |
| SPCH 101 | Public Address | 3 |
| or | | |
| SPCH 101H | Public Address-Honors | 3 |
| | | |
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| or | | |
| ANTH 210H | Introduction to Cultural Anthropology-Honors | 3 |
| or | | |
| SOC 201 | Introduction to Sociology | 3 |
| or | | |
| SOC 201H | Introduction to Sociology- Honors | 3 |

**TOTAL FOR GENERAL EDUCATION
REQUIREMENTS 9**
**ADDITIONAL ASSOCIATE DEGREE
REQUIRED COURSES/TAKEN PRIOR
TO ENTRY:**

| | | |
|---|--|--------------|
| (These requirements are waived for students who have a B.A. or B.S. from a regionally accredited institution in the United States.) | | Units |
| History or Political Science | | 3 |
| Arts—One course from Area | | 3 |
| Humanities—One course from Area | | 3 |
| Physical Education | | 3 |

MATH 5

(Completion of Intermediate Algebra (Math 150, or 148 & 149, or 142) or any higher level math course with a grade of C or better and placement at the level of college algebra or higher on the math assessment test)

READING

(Completion of READ 099 or ENGL 099 with a grade of C or better or passing the reading competency examination).

**TOTAL FOR ADDITIONAL REQUIRED
COURSES 17**

See a counselor for applicable courses.

**ADN FIRST YEAR - MAJOR
REQUIREMENTS FIRST SEMESTER Units**

| | | |
|----------|--|---|
| RNRS 190 | Foundations of Nursing | 4 |
| RNRS 191 | Intro to Medical/Surgical Nursing I | 5 |
| RNRS 192 | Pharmacology for Nurses | 2 |

| SECOND SEMESTER | | |
|------------------------|--|-----|
| RNRS 193 | Pediatric Nursing | 3.5 |
| RNRS 194 | Obstetrics/Maternity Nursing | 3.5 |
| RNRS 195 | Beginning Medical/Surgical Nursing II | 5 |

**SECOND YEAR - MAJOR REQUIREMENTS
THIRD SEMESTER**

| | | |
|----------|--------------------------------------|---|
| RNRS 201 | Medical-Surgical Nursing III | 5 |
| RNRS 203 | Mental Health-Psychiatric Nursing | 3 |

| FOURTH SEMESTER | | |
|------------------------|---|---|
| RNRS 251 | Medical-Surgical Nursing IV | 6 |
| RNRS 252 | Leadership for Professional Nursing Practice | 2 |
| RNRS 290 | Gerontological Nursing | 2 |

| | |
|--|-----------|
| TOTAL MAJOR REQUIREMENTS FOR GENERIC OPTION | 41 |
| TOTAL OF ALL UNITS FOR GENERIC OPTION | 83 |

The Board of Registered Nursing (BRN) requires these nursing courses be completed to be eligible to take the RN licensing examination. All of these courses must be completed with a grade of "C" or better.

**ADVANCED PLACEMENT OPTION (LVN to ADN)
NURSING CURRICULUM - See Option**

**Description on previous pages
NURSING PROGRAM PREREQUISITES/
TAKEN PRIOR TO ENTRY**

| | Units |
|---|--------------|
| BIOL 200 Human Anatomy | 4 |
| BIOL 201 Human Physiology | 4 |
| BIOL 220 Microbiology | 5 |
| ENGL 101 Reading and Composition or | 3 |
| ENGL 101H Reading and Composition- Honors | 3 |

**TOTAL FOR NURSING PROGRAM
PREREQUISITES**

16

**ADN NURSING GENERAL EDUCATION
COURSES/TAKEN PRIOR TO ENTRY:**

| | |
|--|---|
| PSY 205 Developmental Psychology | 3 |
| SPCH 100 Interpersonal Communication or | 3 |
| SPCH 101 Public Address or | 3 |
| SPCH 101H Public Address-Honors | 3 |
| ANTH 210 Introduction to Cultural Anthropology or | 3 |
| ANTH 210H Introduction to Cultural Anthropology-Honors | 3 |
| SOC 201 Introduction to Sociology or | 3 |
| SOC 201H Introduction to Sociology- Honors | 3 |

**TOTAL FOR GENERAL EDUCATION
REQUIREMENTS**

9

**ADDITIONAL ASSOCIATE DEGREE REQUIRED
COURSES/TAKEN PRIOR TO ENTRY:**

Units

These requirements are waived for students who have a B.A. or B.S. from a regionally accredited institution in the United States.

| | |
|---------------------------------|---|
| History or Political Science | 3 |
| Arts—One Course from Area | 3 |
| Humanities—One Course from Area | 3 |
| Physical Education | 3 |

MATH

Completion of Intermediate Algebra (Math 150, or 148 & 149, or 142) or any higher level math course with a grade of C or better and placement at the level of college algebra or higher on the math assessment test. 5

READING

Completion of READ 099 or ENGL 099 with a grade of C or better or passing the reading competency examination.

**TOTAL FOR ADDITIONAL REQUIRED
COURSES**

17

See a counselor for applicable courses.

MAJOR REQUIREMENTS LVN TO ADN:

| | |
|-------------------------------------|---|
| RNRS 200 Role Transition: LVN to RN | 3 |
|-------------------------------------|---|

THIRD SEMESTER

| | |
|--|---|
| RNRS 201 Medical-Surgical Nursing III | 5 |
| RNRS 203 Mental Health-Psychiatric Nursing | 3 |

FOURTH SEMESTER

| | |
|--|---|
| RNRS 251 Medical-Surgical Nursing IV | 6 |
| RNRS 252 Leadership for Professional Nursing Practice | 2 |
| RNRS 290 Gerontological Nursing | 2 |

**TOTAL MAJOR REQUIREMENTS LVN TO
ADN**

21

TOTAL UNITS LVN TO ADN

63

The Board of Registered Nursing (BRN) requires these courses be completed to be eligible to take the RN licensing examination. All of these courses must be completed with a grade of C or better.

**LVN TO RN BY 30 UNIT OPTION
REQUIREMENTS**

See Option on page 129

NURSING PROGRAM PREREQUISITES/TAKEN PRIOR TO ENTRY

| | | |
|----------|------------------|---|
| BIOL 201 | Human Physiology | 4 |
| BIOL 220 | Microbiology | 5 |

Physiology and Microbiology must be complete at time of application, no additional science classes will be required for any student applying for the 30 unit option. Students planning to take BIOL 201 and BIOL 220 at Citrus College need to meet prerequisite requirements for those classes. See counselor for details.

MAJOR REQUIREMENTS LVN TO RN Units

| | | |
|----------|----------------------------|---|
| RNRS 200 | Role Transition: LVN to RN | 3 |
|----------|----------------------------|---|

THIRD SEMESTER

| | | |
|----------|-----------------------------------|---|
| RNRS 201 | Medical-Surgical Nursing III | 5 |
| RNRS 203 | Mental Health-Psychiatric Nursing | 3 |

FOURTH SEMESTER

| | | |
|----------|--|---|
| RNRS 251 | Medical-Surgical Nursing IV | 6 |
| RNRS 252 | Leadership for Professional Nursing Practice | 2 |
| RNRS 290 | Gerontological Nursing | 2 |

| | |
|--|-----------|
| TOTAL MAJOR REQUIREMENTS FOR 30-UNIT OPTION | 21 |
| TOTAL FOR 30-UNIT OPTION | 30 |

The Board of Registered Nursing (BRN) requires these courses be completed to be eligible to take the licensing examination. All of these courses must be completed with a grade of C or better.

Total Units 21 - 41

A.S. Degree Level Student Learning Outcomes

Students completing the Registered Nursing A.S. Degree will:

1. Demonstrate caring behavior toward the client, significant other/s, peers and other members of the health care team, providing an environment that respects individual human rights, values and cultural and spiritual beliefs.
2. Apply critical thinking to formulate nursing diagnoses through observation of the client's physical condition and behavior, and through interpretation of information obtained from the client and others, including the health care team.

3. Formulate a care plan, from a holistic perspective, in collaboration with the client, which ensures that direct and indirect nursing care services provide for the client's safety, comfort, hygiene, and protection, and for disease prevention and restorative measures, taking into account the health-illness continuum.
4. Demonstrate safe, ethical care delivery across the lifespan that meets professional standards while performing skills essential to the kind of nursing action to be taken, taking into account client individuality, explaining the health treatment to the client and family and teaching the client and family how to care for the client's health needs.
5. Use sound clinical judgment to delegate tasks to subordinates based on both the legal scope of practice of the subordinates and on the preparation and capability needed in the tasks to be delegated, and then to effectively supervise nursing care being given by subordinates.
6. Evaluate the effectiveness of the care plan through observation of the client's physical condition and behavior, signs and symptoms of illness, and reactions to treatment and through communication with the client and health team members, and then to modify the plan as needed.
7. Act as the client's advocate, as circumstances require by initiating action to promote, improve, maintain and restore health or to change decisions or activities which are against the interests or wishes of the client, and by giving the client the opportunity to make informed decisions about health care before it is provided.

Social and Behavioral Sciences

A.A. Degree

Courses in the social and behavioral sciences focus on people as members of society. They assist in developing an awareness of the methods of inquiry used by the social and behavioral sciences. Critical thinking is stimulated about the ways people act and have acted in response to their societies, and appreciation is developed of how societies and social groups operate. This category includes introductory or integrative survey courses in cultural anthropology, economics, history, political science, psychology, sociology, cultural geography, and related disciplines. This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units from the following:**ANTHROPOLOGY**

| | | Units |
|-----------|---|--------------|
| ANTH 210 | Introduction to Cultural Anthropology | 3 |
| | or | |
| ANTH 210H | Introduction to Cultural Anthropology - Honors | 3 |
| ANTH 212 | Introduction to Physical Anthropology | 3 |
| ANTH 212L | Introduction to Physical Anthropology Lab | 1 |
| ANTH 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| | or | |
| ANTH 216H | Sex and Gender in a Cross Cultural Perspective - Honors | 3 |
| ANTH 218H | Honors Presentation Seminar | 1 |
| ANTH 220 | Introduction to Archaeology | 3 |

CHILD DEVELOPMENT

| | | |
|-----------|--|---|
| CHLD 100 | Introduction to Education and Teaching Grades K-12 | 3 |
| CHLD 110 | Early Childhood Development | 3 |
| CHLD 111 | Child Development Youth - Adolescence | 3 |
| CHLD 112 | Principles of Early Childhood Education I | 3 |
| CHLD 114 | Home-Child-Community Relations | 3 |
| CHLD 120 | Literacy for Children | 3 |
| CHLD 121 | Art for Children | 2 |
| CHLD 122 | Music and Rhythms for Children | 2 |
| CHLD 123 | Science Experiences for Children | 1 |
| CHLD 124 | Math for Children | 1 |
| CHLD 130 | Infant Development and Group Care | 3 |
| CHLD 134 | Parent-Child Interaction | 3 |
| CHLD 140 | Before/After-School Programs | 3 |
| CHLD 144 | Health, Safety and Nutrition for Young Children | 3 |
| CHLD 150 | Multi-Culture Anti-Bias Classrooms | 3 |
| CHLD 154 | Observing and Recording Behavior | 3 |
| CHLD 156 | Practicum in Early Childhood Education | 2 |
| CHLD 156L | Practicum A Lab | 1 |
| CHLD 160 | Perceptual Motor and Movement Activities | 2 |
| CHLD 164 | The Child with Special Needs | 3 |
| CHLD 166 | Speech and Language Development and Disorders | 2 |

| | | |
|----------|---|---|
| CHLD 168 | Developmental Risk: Infants and Toddlers | 2 |
| CHLD 169 | Managing Challenging and Disruptive Behaviors | 1 |
| CHLD 181 | Infant and Toddler Caregiver: Relationships | 1 |
| CHLD 182 | Infant and Toddler Caregiver: Socialization and Emotional Development | 1 |
| CHLD 183 | Infant and Toddler Caregiver: Learning and Development | 1 |
| CHLD 184 | Infant and Toddler Caregiver: Environments and Routines | 1 |
| CHLD 190 | Administration of Early Childhood Education Programs I | 3 |
| CHLD 191 | Administration of Early Childhood Education Programs II | 3 |
| CHLD 194 | Personnel Issues in Adult Supervision and Mentoring | 3 |

ECONOMICS

| | | |
|-----------|-------------------------------------|---|
| ECON 100 | Survey of Economics | 3 |
| ECON 101 | Principles of Macroeconomics | 3 |
| | or | |
| ECON 101H | Principles of Macroeconomics-Honors | 3 |
| ECON 102 | Principles of Microeconomics | 3 |

CULTURAL GEOGRAPHY

| | | |
|----------|--------------------|---|
| GEOG 102 | Cultural Geography | 3 |
|----------|--------------------|---|

ETHNIC STUDIES

| | | |
|----------|---------------------------------|---|
| ETHN 101 | Introduction to Ethnic Studies | 3 |
| ETHN 116 | Introduction to Chicano Studies | 3 |

HISTORY

| | | |
|-----------|---|---|
| HIST 103 | History of World Civilization up to 1500 | 3 |
| | or | |
| HIST 103H | History of World Civilization up to 1500 - Honors | 3 |
| HIST 104 | History of World Civilization since 1500 | 3 |
| HIST 105 | History of World Civilization - The 20th Century | 3 |
| HIST 107 | History of the United States before 1877 | 3 |
| | or | |
| HIST 107H | History of the United States before 1877 - Honors | 3 |

| | | |
|-----------|---|---|
| HIST 108 | History of the United States from 1877 | 3 |
| | or | |
| HIST 108H | History of the United States from 1877 - Honors | 3 |
| HIST 109 | The World in Conflict - The 20th Century, a History | 3 |
| HIST 110 | A Survey History of Africa | 3 |
| HIST 111 | History of the African-Americans t 1876 | 3 |
| HIST 112 | History of the African-Americans since 1876 | 3 |
| HIST 120 | British Civilization | 3 |
| HUM 127 | Spanish Civilization | 3 |
| HIST 139 | History of California | 3 |
| HIST 140 | History of the American West | 3 |
| HIST 145 | History of Mexico | 3 |
| HIST 155 | History of the Vietnam War | 3 |
| HIST 222 | History of World War II | 3 |

HUMANITIES

| | | |
|----------|--|---|
| HUM 101 | Humanities - Prehistory through The Medieval Period | 3 |
| | or | |
| HUM 101H | Humanities - Prehistory through the Medieval Period - Honors | 3 |
| HUM 102 | Humanities from the Renaissance through the 19th Century | 3 |
| HUM 110 | Humanities in the 20th Century | 3 |

PHILOSOPHY

| | | |
|-----------|-------------------------------------|---|
| PHIL 101 | Great Religions of the World | 3 |
| PHIL 106 | Introduction to Philosophy | 3 |
| | or | |
| PHIL 106H | Introduction to Philosophy - Honors | 3 |
| PHIL 108 | Philosophy/Ethics | 3 |
| PHIL 110 | Philosophy/Logic | 3 |

POLITICAL SCIENCE

| | | |
|-----------|---|---|
| POLI 103 | American Government and Politics | 3 |
| | or | |
| POLI 103H | American Government and Politics - Honors | 3 |
| POLI 104 | Introduction to Political Science | 3 |
| POLI 105 | Comparative Politics | 3 |
| POLI 116 | International Relations | 3 |

PSYCHOLOGY

| | | |
|----------|---|-----|
| PSY 101 | Introduction to Psychology | 3 |
| | or | |
| PSY 101H | Introduction to Psychology-Honors | 3 |
| PSY 102 | Psychobiology | 3 |
| PSY 103 | Statistics for the Social and Behavioral Sciences | 3 |
| PSY 110 | Psychology of Religion I | 3 |
| PSY 203 | Research Methods in Psychology | 4 |
| PSY 205 | Developmental Psychology | 3 |
| PSY 206 | Child Growth and Development | 3 |
| PSY 212 | Behavioral Disorders | 3 |
| PSY 213 | Survey of Drug and Alcohol Use and Abuse | 3 |
| PSY 220 | Introduction to Social Psychology | 3 |
| PSY 225 | Psychology of Human Sexuality | 3 |
| PSY 226 | Psychology of Women | 3 |
| PSY 250 | Honors Topics Seminar | 0.5 |

SOCIOLOGY

| | | |
|----------|--|---|
| SOC 114 | Marriage, Family, and Intimate Relations | 3 |
| SOC 118 | Minorities in America | 3 |
| SOC 201 | Introduction to Sociology | 3 |
| | or | |
| SOC 201H | Introduction to Sociology - Honors | 3 |
| SOC 202 | Contemporary Social Problems | 3 |
| SOC 216 | Sex and Gender in a Cross Cultural Perspective | 3 |
| SOC 218H | Honors Presentation Seminar | 1 |

Total Units 18

Degree Level Student Learning Outcomes

Students completing the Social and Behavioral Sciences A.A. degree will:

1. Demonstrate understanding of social and/or behavioral science issues and vocabulary.
2. Demonstrate analytical thinking by comparing and applying social and/or behavioral science or philosophical theories and concepts to human culture, economics, history, politics, or philosophical questions.
3. Develop an understanding of cultural, social, economic, historical, philosophical, and/or political views different from one's own.

Theatre Arts

A.A. Degree

This degree is a fundamental exploration in the area of theatre arts, highlighting acting, technical theatre/design, theatre history and play analysis.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Required core courses: Units

| | | |
|----------|--|---|
| THEA 101 | Introduction to Theatre Arts | 3 |
| THEA 120 | Introduction to Tech for Theatre, TV and Film | 3 |
| THEA 201 | Stage Acting I—Beginning | 3 |

Select one (1) of the following play performance courses:

| | | |
|-----------|--|---|
| THEA 210 | Rehearsal and Performance in Production | 3 |
| THEA 221 | Theatre Practicum/Special Projects I—Storytelling | 3 |
| THEA 222 | Theatre Practicum/Special Projects II—Physical Life | 3 |
| THEA 293A | Theatre for Young Audiences— Beginning | 3 |
| THEA 294 | Shakespeare in Production | 3 |

Select one (1) of the following play analysis courses:

| | | |
|-----------|---|---|
| THEA 200 | The Art of the Theatre | 3 |
| THEA 204A | Stage and Screenwriting - Beginning | 3 |
| THE A241A | Fundamentals of Stage Direction— Beginning | |

Select one (1) of the following elective courses:

| | | |
|-----------|--|---|
| THEA 130 | Introduction to Theatrical Scenery | 3 |
| THEA 140 | Introduction to Lighting for Theatre, Television and Film | 3 |
| THEA 202 | Stage Acting II—Intermediate | 3 |
| THEA 205 | Stage Acting III — Intermediate/ Advanced | 3 |
| THEA 206 | Stage Acting IV—Advanced | 3 |
| THEA 211A | Camera Acting I—Beginning | 3 |
| THEA 211B | Camera Acting II—Intermediate | 3 |
| THEA 211C | Camera Acting III—Intermediate/ Advanced | 3 |
| THEA 211D | Camera Acting IV—Advanced | 3 |
| THEA 245 | Stage and Project Management for Theatre, TV and Film | 3 |
| THEA 250 | Theatre Appreciation | 3 |

| | | |
|--------------------|--|-----------|
| THEA 284 | Acting Shakespeare | 3 |
| THEA 292A | Special Techniques in Acting— Beginning | 3 |
| Total Units | | 18 |

A.A. Degree Level Student Learning Outcomes

Students completing the Theatre Arts A.A. Degree will:

1. Demonstrate a fundamental knowledge in core theatre elements, including Acting, Technical Theatre, and Theatre History.
2. Demonstrate acting techniques in a performance setting.
3. Exhibit fundamental knowledge of play structure and analysis.
4. Explore various options in theatre doctrine to enhance the student's area of interest.

Theatre Arts—Acting Emphasis

A.A. Degree

This degree is a fundamental exploration in the area of Theatre Arts focusing on Performance Styles and Acting Techniques. This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

Required core courses: Units

| | | |
|----------|--|---|
| THEA 101 | Introduction to Theatre Arts | 3 |
| THEA 120 | Introduction to Tech for Theatre, TV and Film | 3 |
| THEA 202 | Stage Acting II-Intermediate | 3 |

**Note* Theatre Arts 201 is a pre-requisite for Theatre Arts 202.*

Select one (1) of the following play performance courses:

| | | |
|----------|--|---|
| THEA 210 | Rehearsal and Performance in Production | 3 |
| THEA 220 | Rehearsal and Performance II | 3 |
| THEA 221 | Theatre Practicum/Special Projects I—Storytelling | 3 |
| THEA 222 | Theatre Practicum/Special Projects II—Physical Life | 3 |

Select two (2) of the following acting techniques courses:

| | | |
|-----------|---|---|
| THEA 104A | Voice and Movement for the Actor—Beginning | 3 |
| THEA 205 | Stage Acting III - Intermediate/ Advanced | 3 |

| | | |
|-----------|---|---|
| THEA 206 | Stage Acting IV - Advanced | 3 |
| THEA 211A | Camera Acting I - Beginning | 3 |
| THEA 211B | Camera Acting II - Intermediate | 3 |
| THEA 211C | Camera Acting III - Intermediate/ Advanced | 3 |
| THEA 211D | Camera Acting IV - Advanced | 3 |
| THEA 284 | Acting Shakespeare | 3 |
| THEA 292A | Special Techniques in Acting- Beginning | 3 |

Select one (1) of the following specialty courses:

| | | |
|-----------|---|---|
| THEA 241A | Fundamentals of Stage Direction- Beginning | 3 |
| THEA 293A | Theatre for Young Audiences- Beginning | 3 |
| THEA 294 | Shakespeare in Production | 3 |

A course may be used only once to fulfill degree requirements.

Total Units 21

A.A. Degree Level Student Learning Outcomes

Students completing the Theatre Arts Acting Emphasis A.A. Degree will:

1. Demonstrate a fundamental knowledge in core theatre elements, including Acting, Technical Theatre, and Theatre History.
2. Demonstrate acting techniques in a performance setting.
3. Exhibit proficiency in acting styles and techniques.
4. Exhibit knowledge in a specialized theatrical area, such as directing, Shakespeare, and Theatre for Young Audiences.

Vocational Nursing

A.S. Degree

Successful completion of Vocational Nursing Program studies allows the student to become eligible to take the State Board Examination for Licensed Vocational Nurses (NCLEX).

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses: | | Units |
|--------------------------|--|--------------|
| VNRS 150 | Fundamentals of Nursing | 3 |
| VNRS 151L | Fundamentals of Nursing Lab | 3 |
| VNRS 152 | Pharmacology I | 1 |
| VNRS 153A | Introductory Nutrition for the Vocational Nurse | 1 |
| VNRS 154 | Body Structure and Function for the Vocational Nurse I | 1.5 |
| VNRS 155 | Social-Psychology for the Vocational Nurse | 1 |
| VNRS 160 | Medical-Surgical Nursing I | 3 |
| VNRS 161L | Medical-Surgical Nursing I Lab | 3 |
| VNRS 162 | Pharmacology II | 1 |
| VNRS 163 | Diet Therapy for the Vocational Nurse | 1 |
| VNRS 164 | Body Structure and Function for the Vocational Nurse II | 1.5 |
| VNRS 165 | Adult Growth and Development for the Vocational Nurse | 1 |
| VNRS 170 | Medical-Surgical Nursing II | 7 |
| VNRS 171L | Medical-Surgical Nursing II Lab | 7 |
| VNRS 172 | Advanced Pharmacology | 2 |
| VNRS 173 | Psychology for Vocational Nurses | 2 |
| VNRS 180 | Pediatric Nursing | 3.5 |
| VNRS 181 | Growth and Development: Infancy-Adolescence | 1 |
| VNRS 182 | Obstetrical-Gynecological Nursing | 4 |
| VNRS 183 | Leadership in Nursing | 3 |
| Total Units 50.5 | | |

A.S. Degree Level Student Learning Outcomes

Students completing the Vocational Nursing A.S. degree will:

1. Use correct medical terminology and nomenclature, in the correct context, in order to effectively communicate health/medical information and concepts to others.
2. Demonstrate the ability to perform accurate calculations of intake and output, drug dosages, and IV rates.
3. Develop problem-solving and self-assessment skills and make appropriate decisions regarding a variety of procedural situations.
4. Demonstrate the ability to interact and work effectively as a member of the health care team.
5. Develop the ability to use and adapt to current technologies used in the healthcare setting.
6. Provide patient care that falls within the scope of practice as set forth by the BVNPT.

Water Technology

A.S. Degree

This program is designed to prepare students who wish to seek employment in the public water supply industry or qualify for a more responsible position within the industry. These courses will be helpful to students who wish to prepare for the T1, T2, T3, T4 and T5 Water Treatment Operator and D1, D2, D3, D4, and D5 Water Distribution Operator certification examinations given by the California Public Health Department. Coursework also provides contact hours for Operator certification maintenance requirements.

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of C and above) of the following major requirements:

| Required courses for the major: | | Units |
|--|-------------------------------------|--------------|
| WATR 150 | Introduction to Water Systems | 3 |
| WATR 151 | Water Resources and Distribution I | 3 |
| WATR 153 | Water Resources and Distribution II | 3 |
| WATR 156 | Water Treatment I | 3 |
| WATR 157 | Water Treatment II | 3 |

Select one (1) course from the following:

| | | |
|----------|---|---|
| WATR 162 | Water Conservation | 3 |
| BIOL 145 | Environmental Science | 3 |
| PUB 155 | Public Works Inspection | 3 |
| PUB 160 | Public Administration | 3 |
| PUB 161 | California Occupational Safety and Health | 3 |
| PUB 166 | Supervision in Public Works | 3 |

Total Units 18

A.S. Degree Level Student Learning Outcomes

Students completing the Water Technology A.S. degree will:

1. Demonstrate the safe handling of chemicals used in the water industry and describe the Occupational Safety and Health Administration (OSHA) regulations related to public drinking water.
2. Describe and explain regulatory issues that relate to the public drinking water supply.
3. Diagram and explain the fundamentals of the water distribution system including SCADA (supervisory control and data acquisition), maintenance, pumps, hydraulics, and valves.
4. Given a scenario involving water contamination; identify the contaminants, recommend the best treatment, administer the treatment and then verify the contaminants are below allowable safety thresholds.

What Career and Technical Programs Does Citrus College Offer? Programs of Study Leading to a Certificate of Achievement

Citrus College grants certificates of achievement in a variety of career/technical subject areas. These certificates of achievement may be used to verify a student's proficiency in the skills and knowledge needed for entry-level employment or for career advancement.

To earn a certificate of achievement, a student must satisfactorily complete 18 units or more in a specific sequence of required courses. The number of units will vary by program; many subject areas require more than 18 units. At least 50 percent of these required courses must be completed at Citrus College. A 2.0 GPA is required.

Programs of Study Leading to a Certificate of Achievement

Accounting
Administration of Justice
Administrative Office Occupations
Architectural Design
Audio Recording Technology
Automotive Research and Development
Automotive Service, Diagnosis and Repair—Master Technician
Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician
Automotive Service, Diagnosis and Repair—Undercar Drivetrain Specialist
Automotive Service, Diagnosis and Repair—Underhood Specialist
Ceramics - One Year
Ceramics - Two Year
Child Development Teacher
Child Development Master Teacher
Child Development Master Teacher - Early Intervention
Commercial Dance
Computer-Aided Design (CAD) - Architecture and Drafting
Computer Generated Imagery
Cosmetology
Dental Assisting



The Esthetician Program provides students with the skills and knowledge to help clients attain a healthy skin and an attractive appearance.

Digital and Web Design
Emergency Management and Homeland Security
Emerging Theatre Technologies
Esthetician
Information Technology
Literature
Medium and Heavy Truck Service, Diagnosis, and Repair Technician
Photography
Public Works I
Public Works II
Vocational Nursing
Water Technology
Wildland Resources and Forestry
Writing Competency

Accounting

The Accounting Certificate of Achievement encompasses an area of study which includes basic accounting, financial and managerial accounting principles, income tax accounting and accounting general ledger software. The Accounting Certificate of Achievement is designed to prepare students for entry-level accounting positions as accounting clerks and bookkeepers. The Accounting Certificate courses combine classroom lectures, demonstrations and a wide use of technology to ensure relevant training.

| Required courses: | | Units |
|--------------------------|-------------------------------|--------------|
| ACCT 101 | Financial Accounting | 4 |
| | or | |
| ACCT 101H | Financial Accounting - Honors | 4 |
| ACCT 102 | Managerial Accounting | 4 |
| ACCT 110 | Income Tax Accounting | 4 |
| BUS 132 | Ethics in Business | 3 |

Select one (1) of the following:

| | | |
|---------|---|---|
| CIS 130 | Microcomputer Applications I | 4 |
| OFF 101 | Introduction to Microsoft Office Applications | 3 |
| OFF 120 | Microsoft Excel | 3 |

Select one (1) of the following:

| | | |
|----------|--|---|
| ACCT 100 | Accounting | 4 |
| ACCT 115 | QuickBooks | 2 |
| BUS 130 | Introduction to Business | 3 |
| BUS 146 | Personal Finance | 3 |
| BUS 150 | Business English | 3 |
| BUS 152 | Business Communications | 3 |
| BUS 160 | Business Law and the Legal Environment I | 3 |

Total Units 20 - 22

Certificate of Achievement Level Student Learning Outcomes

Students completing the Accounting Certificate of Achievement will:

1. Prepare accurate reports for decision-making and regulatory compliance using general ledger software and commonly used office software programs.
2. Possess a working knowledge of accounting and business terminology, and accounting principles and concepts used in the business environment.

Administration of Justice

Administration of Justice offers men and women a career of personal challenge and rewarding public service. A great need exists for intelligent, well-educated personnel with a firm commitment toward professional improvement in the justice system. Citrus College offers courses to prepare students for employment and promotion in the criminal justice system.

| Required courses: | | Units |
|--------------------------|---|--------------|
| AJ 101 | Introduction to the Administration of Justice | 3 |
| AJ 102 | Concepts of Criminal Law | 3 |
| AJ 103 | Legal Aspects of Evidence | 3 |
| AJ 109 | Criminal Procedures | 3 |
| AJ 112 | Community Relations | 3 |

Select one (1) of the following writing courses

| | | |
|-----------|--|---|
| AJ 123 | Writing for Criminal Justice Professionals | 3 |
| AJ 133 | Correctional Writing | 3 |
| ENGL 101 | Reading and Composition | 3 |
| ENGL 101H | Reading and Composition - Honors | 3 |

Select one (1) of the following Administration of Justice courses:

| | | |
|--------|--|---|
| AJ 105 | Criminal Investigation | 3 |
| AJ 106 | Patrol Procedures | 3 |
| AJ 107 | Traffic Control | 3 |
| AJ 108 | Juvenile Procedures | 3 |
| AJ 111 | Narcotics and Vice Control | 3 |
| AJ 121 | Death Investigation | 3 |
| AJ 130 | Introduction to Probation and Parole | 3 |
| AJ 131 | Introduction to Corrections | 3 |
| AJ 135 | Control and Supervision in Corrections | 3 |
| AJ 136 | Correctional Interviewing and Counseling | 3 |
| AJ 137 | Legal Aspects of Corrections | 3 |

Employment Opportunities:

Entry-level police cadet/police officer

Total Units 21

Certificate of Achievement Level Student Learning Outcomes

Students completing the Administration of Justice Certificate of Achievement will:

1. Demonstrate an ability to write clearly and accurately about the administration of justice process using an appropriate vocabulary.
2. Demonstrate critical and analytical thinking about issues in the administration of justice system.
3. Demonstrate a comprehension and appreciation of the connections, contributions, experiences, and potential conflicts of various ethnic groups, races, and genders as they interact with the criminal justice system.
4. Demonstrate an awareness of sciences and emerging technologies as it impacts the administration of justice.

Administrative Office Occupations

Students who receive the Administrative Office Occupations Certificate of Achievement are prepared for management assignments in the business office environment. This certificate is recommended for both experienced office staff as well as entry-level office workers who are seeking to increase their potential for promotion. Certificate recipients will have expert office skills and in-depth software knowledge. The courses leading to this certificate provide training in office information systems, human relations, business communications, and business records management.

| Required courses: | | Units |
|--------------------------|---|--------------|
| OFF 101 | Introduction to Microsoft Office Applications | 3 |
| OFF 120 | Microsoft Excel | 3 |
| OFF 215 | Introduction to Microsoft Outlook | 2 |
| OFF 260 | Computer Keyboarding and Document Processing | 3 |
| OFF 281 | Filing and Records Management | 3 |
| OFF 285 | Administrative Office Procedures | 3 |
| OFF 294 | Microsoft Word | 3 |
| BUS 150 | Business English | 3 |
| BUS 152 | Business Communications | 3 |
| Total Units | | 26 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Administrative Office Occupations Certificate of Achievement will:

1. Perform all general office clerk tasks--use e-mail to communicate with others; understand and utilize filing procedures; examine incoming materials and code it numerically, alphabetically or by subject matter; enter data electronically in various storage devices; use electronic calendars; use correct spelling, grammar, and punctuation in prepared documents; file data on computer; key board and file data on computers as well as access information; keep payroll records and prepare invoices; make photocopies and take inventory; set up spreadsheets; work with customers and answer questions; format letters, memos, tables and reports using current office application programs; compose routine letters memos and e-mail messages.
2. Understand current office procedures and techniques.
3. Prepare various business forms and documentation and understand their purpose.
4. Operate a variety of business machines, including computer equipment, photocopy machines, facsimiles, printers, telephone and calculating machines.
5. Follow directions as well as demonstrate management initiative, dependability and pride in good work.
6. Understand the systems and procedures of organizing and planning office work, and exercise leadership skills in the business environment.

Architectural Design

Design principles, complex animation and CAD systems are applied to problems in architecture, landscape architecture and urban planning. Proper and efficient methods of sketching, producing documents, models, 3D digital models, animations and multifaceted presentations are examined.

Employment opportunities:

Entry-level - CADPERSON / DESIGN PERSON

Computer Aided Design (CAD)-Architecture and Drafting - Certificate of Achievement required to be completed first.

Total Units 19.5

| Required courses: | | Units |
|--------------------------|--|--------------|
| ARCH 201 | Architectural Design I | 3 |
| ARCH 202 | Architectural Design II | 3 |
| ARCH 250 | History of Architecture: Prehistory to Mannerism | 3 |
| ARCH 251 | History of Architecture: Baroque to the Present Day | 3 |
| ART 120 | Two-Dimensional Design | 3 |
| ART 121 | Three-Dimensional Design | 3 |
| DRAF 290 | Introduction to Maya Practices | 3 |
| Total Units | | 40.5 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Architectural Design Certificate of Achievement will:

1. Describe effective architectural design principle techniques including graphic communication, orientation, and decision making.
2. Demonstrate the ability to use advanced technology to prepare architectural design drawings, Computer Aided Drawings (CAD), animations and multimedia presentations.
3. Demonstrate complex planning techniques and administration of document control for architectural designs, presentations and animations.
4. Demonstrate the ability to estimate time, material, labor and equipment for sophisticated architectural designs, presentations and animations.

Audio Recording Technology

This is a one year audio recording program intended to teach the basics of how to engineer any kind of music, from hip-hop to classical to movie scenes.

| Required courses: | | Units |
|--------------------------|--|--------------|
| REC 105 | Fundamentals of Audio Technology | 4 |
| REC 115 | Recording Studio Workshop I | 4 |
| REC 125 | Digital Audio Technology I | 3 |
| REC 135 | Live Sound Reinforcement | 4 |
| REC 145 | Critical Listening Skills for Engineers | 3 |
| REC 205 | Advanced Audio Technology | 4 |
| REC 215 | Recording Studio Workshop II | 4 |
| REC 225 | Digital Audio Technology II | 4 |
| REC 235 | Acoustics for Engineers | 3 |
| REC 245 | Music Business/Audio Careers | 3 |
| Total Units | | 36 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Audio Recording Technology Certificate of Achievement will:

1. Communicate effectively using proper vocabulary in written and verbal form to facilitate the technical and creative outcomes of a product.
2. Apply acoustic concepts and mathematical formulas to demonstrate understanding of wave theory, room acoustics, materials, and microphone and speaker placement.
3. Demonstrate understanding of the fundamental principles of audio through developing critical thinking, decision-making and problem solving skills by applying them to the studio, post-production and live sound environments.
4. Develop interpersonal skills, empathy, and respect for others by completing team projects in order to gain key skills expected of professionals in the field.
5. Demonstrate advanced computer competency by completing production assignments utilizing software-based production and editing systems.
6. Understand the technical, creative and interpersonal skills required by the entertainment- industry through demonstrating thorough knowledge of digital audio workstations and all audio hardware as appropriate to each course.

Automotive Research and Development

The High Performance Institute offers a Certificate of Achievement in Automotive Research and Development. The field of automotive research and development offers many exciting career opportunities including: engineering design, prototype building, vehicle evaluation and engineering, materials engineering, powertrain tuning and design, regulatory affairs and advanced technical research.

The Citrus College Certificate of Achievement in Automotive Research and Development area of emphasis is engine research, development and testing. The engine research, development and testing concentration provides a solid background in engine design and development, as well as testing procedures using both engine and chassis dynamometers.

The Certificate of Achievement in Automotive Research and Development is a stepping stone to exciting career opportunities. Completion of the certificate is excellent preparation for students desiring to transfer to a four-year university to pursue a degree in engineering, production technology or industrial technology. Students can also choose to step directly into the exciting world of the automotive aftermarket or new vehicle production where a number of entry-level positions await the highly-motivated student.

| Required courses in engine research, development, and testing: | | Units |
|---|--|--------------|
| AUTO 291 | Engine Performance Enhancements and Tuning | 3 |
| AUTO 295 | Engine Design | 4 |
| AUTO 296 | Cylinder Head Development | 4 |
| AUTO 297 | Cylinder Block Development | 4 |

Select at least eight (8) units from the following:

| | | |
|-----------|---|-----|
| AUTO 299 | Engine Dynamometer Operation and Testing Procedures | 2 |
| BUS 130 | Introduction to Business | 3 |
| BUS 132 | Ethics in Business | 3 |
| or | | |
| PHIL 108 | Philosophy/Ethics | 3 |
| BUS 170 | Small Business Management | 3 |
| DRAF 160 | Intermediate Computer Aided Design (CAD) | 2.5 |
| PHYS 110 | Introduction to College Physics | 4 |
| AUTO 695A | Special Topics: Automotive Technology | 0.5 |
| AUTO 695B | Special Topics: Automotive Technology | 1 |
| AUTO 695C | Special Topics: Automotive Technology | 2 |
| AUTO 695D | Special Topics: Automotive Technology | 3 |
| AUTO 696A | Special Topics: Automotive Technology | 0 |
| AUTO 696B | Special Topics: Automotive Technology | 0.5 |
| AUTO 696C | Special Topics: Automotive Technology | 0.5 |
| AUTO 696D | Special Topics: Automotive Technology | 1 |
| AUTO 230A | Automotive Service and Repair Work Experience A | 1 |

| | | |
|-----------|---|---|
| AUTO 230B | Automotive Service and Repair Work Experience B | 2 |
| AUTO 230C | Automotive Service and Repair Work Experience C | 3 |
| AUTO 230D | Automotive Service and Repair Work Experience D | 4 |

Special Topics Auto 695 A-D or 696 A-D require department approval.

Work Experience Auto 230 A-D require department approval.

Total Units 23

Certificate of Achievement Level Student Learning Outcomes

Students completing the Automotive Research and Development Certificate of Achievement will:

1. Be able to test and evaluate the design of systems that effect performance, emissions, energy production and consumption and will either enter the automotive aftermarket industry as a research and development technician or transfer to a four-year school to continue their education in technology and engineering.

Automotive Service, Diagnosis, and Repair—Master Technician

The courses listed in the Automotive Service, Diagnosis and Repair - Master Technician certificate of achievement meet the National Automotive Technicians' Education Foundation Standards and are selected to provide a comprehensive set of job skills needed in the automotive industry. In addition to improving the student's employability, the skills developed in the program will enhance their ability to become an Automotive Service Excellence (ASE) Master Technician. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement in the automotive industry.

All of the following automotive courses are required:

| | Units | |
|----------|--|---|
| AUTO 101 | Fundamentals of Automotive Service, Diagnosis and Repair | 5 |
| AUTO 151 | Engine Service, Diagnosis and Repair | 6 |
| AUTO 154 | Chassis Service, Diagnosis, and Repair | 8 |
| AUTO 156 | Automotive Electrical/Electronic Systems I | 5 |

| | | |
|----------|--|---|
| AUTO 162 | Drivetrain Service, Diagnosis and Repair | 8 |
| AUTO 166 | Automotive Electrical/Electronic Systems II | 3 |
| AUTO 167 | Automotive HVAC Service, Diagnosis & Repair | 3 |
| AUTO 168 | Engine Control Systems Service, Diagnosis and Repair | 8 |

Select four (4) units from the following:

| | | |
|--------------------|---|-----------|
| AUTO 230A | Automotive Service and Repair Work Experience A | 1 |
| AUTO 230B | Automotive Service and Repair Work Experience B | 2 |
| AUTO 230C | Automotive Service and Repair Work Experience C | 3 |
| AUTO 230D | Automotive Service and Repair Work Experience D | 4 |
| Total Units | | 50 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Automotive Service, Diagnosis, and Repair - Master Technician Certificate of Achievement will:

1. Verify the customer's vehicle complaint, diagnose the failure or find the vehicle operating as designed; estimate the labor and parts cost, and make a clear needs/recommendations statement on the repair order citing both complaint and cause. In addition, once the student receives authorization, the student will service and/or repair the vehicle to industry standards, verify the repair has corrected the customer's complaint and document the remedy within the "customer pay" labor time available in Mitchell, ALLDATA or other approved labor estimating manual.

Automotive Service, Diagnosis, and Repair—Toyota/Lexus/Scion Technician

The courses listed in the Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician certificate of achievement are selected to provide a comprehensive set of job skills needed by Toyota, Lexus and Scion technicians. In addition to improving the student's employability, the skills developed in each course will enhance their ability to become Automotive Service Excellence (ASE) certified in all eight ASE areas. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement.

All of the following automotive courses are required:

| | | Units |
|----------|--|--------------|
| AUTO 101 | Fundamentals of Automotive Service, Diagnosis and Repair | 5 |
| AUTO 151 | Engine Service, Diagnosis and Repair | 6 |
| AUTO 154 | Chassis Service, Diagnosis, and Repair | 8 |
| AUTO 156 | Automotive Electrical/Electronic Systems I | 5 |
| AUTO 162 | Drivetrain Service, Diagnosis and Repair | 8 |
| AUTO 166 | Automotive Electrical/Electronic Systems II | 3 |
| AUTO 167 | Automotive HVAC Service, Diagnosis & Repair | 3 |
| AUTO 168 | Engine Control Systems Service, Diagnosis and Repair | 8 |
| AUTO 281 | Advanced Toyota Certified Technician Training | 6.5 |

Note: AUTO 281 is a capstone course and must be taken after all other major coursework is completed.

Plus four (4) units of the following:

| | | |
|--------------------|---|-------------|
| AUTO 230A | Automotive Service and Repair Work Experience A | 1 |
| AUTO 230B | Automotive Service and Repair Work Experience B | 2 |
| AUTO 230C | Automotive Service and Repair Work Experience C | 3 |
| AUTO 230D | Automotive Service and Repair Work Experience D | 4 |
| Total Units | | 56.5 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician Certificate of Achievement will:

1. Given any Toyota/Lexus/Scion vehicle complaint: verify the customer's complaint; diagnose the failure or find the vehicle operating as designed; estimate the labor and parts cost, and make a clear needs/recommendations statement on the repair order citing both complaint and cause. In addition, once the student receives authorization, the student will service and/or repair the vehicle to industry standards; verify the repair has corrected the customer's complaint; and document the remedy within the "customer pay" labor time available in the Toyota flat-rate manual.

Automotive Service, Diagnosis, and Repair—Undercar/Drivetrain Specialist

The courses required for the Undercar/Drivetrain Specialist certificate of achievement are selected to provide a comprehensive set of job skills needed for a technician specializing in undercar/drivetrain service, diagnosis and repair. In addition to improving the student's employability, the skills developed in each course will enhance their ability to become Automotive Service Excellence (ASE) A2, A3, A4 and A5 certified. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement in the automotive industry.

Required automotive technology courses:

| | Units |
|---|--------------|
| AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair | 5 |
| AUTO 156 Automotive Electrical/Electronic Systems I | 5 |
| AUTO 154 Chassis Service, Diagnosis, and Repair | 8 |
| AUTO 162 Drivetrain Service, Diagnosis and Repair | 8 |
| Total Units | 26 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Automotive Service, Diagnosis and Repair - Undercar/Drivetrain Specialist Certificate of Achievement will:

- Given any chassis or drivetrain related complaint: verify the customer's complaint, diagnose the failure or find the vehicle operating as designed, estimate the labor and parts cost, and make a clear needs/recommendations statement on the repair order citing both complaint and cause. In addition, once the student receives authorization, the student will service and/or repair the vehicle to industry standards, verify the repair has corrected the customer's complaint and document the remedy within the "customer pay" labor time available in Mitchell, ALLDATA or other approved labor estimating manuals.

Automotive Service, Diagnosis, and Repair—Underhood Specialist

The courses listed in the Underhood Specialist certificate of achievement are selected to provide a comprehensive set of job skills needed for a technician specializing in underhood service, diagnosis and repair. In addition to improving the student's employability, the skills developed in each course will enhance their ability to become Automotive Service Excellence (ASE) A1, A6, A7 and A8 certified. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement in the automotive industry.

Required automotive technology courses:

| | Units |
|---|--------------|
| AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair | 5 |
| AUTO 151 Engine Service, Diagnosis and Repair | 6 |
| AUTO 156 Automotive Electrical/Electronic Systems I | 5 |
| AUTO 166 Automotive Electrical/Electronic Systems II | 3 |
| AUTO 167 Automotive HVAC Service, Diagnosis and Repair | 3 |
| AUTO 168 Engine Control Systems Service, Diagnosis and Repair | 8 |
| Total Units | 30 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Automotive Service, Diagnosis & Repair - Underhood Specialist Certificate of Achievement will:

- Given any engine related, climate control or charging/starting system vehicle complaint: verify the customer's complaint; diagnose the failure or find the vehicle operating as designed; estimate the labor and parts cost; and make a clear needs/recommendations statement on the repair order citing both complaint and cause. In addition, once the student receives authorization, the student will service and/or repair the vehicle to industry standards; verify the repair has corrected the customer's complaint, and document the remedy within the "customer pay" labor time available in Mitchell, ALLDATA or other approved labor estimating manual.

Ceramics—One Year**Required courses:**

| Unit | | |
|---------|-------------------------------|---|
| ART 111 | Beginning Drawing | 3 |
| ART 120 | Two-Dimensional Design | 3 |
| ART 140 | Beginning Ceramics | 3 |
| ART 141 | Intermediate Ceramics | 3 |
| ART 145 | Ceramic Design and Decoration | 3 |

Select two (2) of the following

| | | |
|----------|--|---|
| ART 104 | Art History and Appreciation - 19th Century Art | 3 |
| ART 105 | Art History and Appreciation - Early 20th Century Art | 3 |
| ART 115 | Figure Drawing I | 3 |
| ART 130 | Beginning Painting | 3 |
| ART 180 | Beginning Clay Sculpture | 3 |
| PHTO 101 | Basic Photography | 3 |

Employment opportunity:

Studio Potter, Ceramic Shop (retail)

Total Units 21**Certificate of Achievement Level Student****Learning Outcomes**

Students completing the Ceramics - One Year Certificate of Achievement will:

1. Utilize proper vocabulary in the study and discussion of visual arts and art history.
2. Analyze and create examples in a variety of styles within a studio environment.
3. Research, identify, and evaluate historical periods in art history.
4. Recognize how societies' world views influence visual arts and art history traditions.

Ceramics—Two Year**Required courses:**

| | Units | |
|--|--------------------------|---|
| Ceramics—One Year Certificate of Achievement | 21 | |
| ART 112 | Intermediate Drawing | 3 |
| ART 121 | Three-Dimensional Design | 3 |
| ART 240 | Advanced Ceramics I | 3 |
| ART 241 | Advanced Ceramics II | 3 |

Select two (2) of the following:

| | | |
|----------|-----------------------------|---|
| ART 180 | Beginning Clay Sculpture | 3 |
| ART 181 | Intermediate Clay Sculpture | 3 |
| ART 182 | Advanced Clay Sculpture I | 3 |
| ART 183 | Advanced Clay Sculpture II | 3 |
| BUS 185 | Elements of Marketing | 3 |
| PHTO 101 | Basic Photography | 3 |

Employment opportunity:

Studio Potter, Ceramics Shop (Retail)

Total Units 39**Certificate of Achievement Level Student****Learning Outcomes**

Students completing the Ceramics - Two Year Certificate of Achievement will:

1. Utilize proper vocabulary in the study and discussion of visual arts and art history.
2. Analyze and create examples in a variety of styles within a studio environment.
3. Research, identify, and evaluate historical periods in art history.
4. Recognize how societies' world views influence visual arts and art history traditions.

Child Development Teacher

Courses in this certificate lead to the child development associate degree or careers in the field of child development and early childhood education. Completion of the program prepares students to work as a child development aide, assistant teacher, or teacher in a variety of early childhood programs.

Required courses:

| | Units | |
|----------|--|---|
| CHLD 110 | Early Childhood Development | 3 |
| | or | |
| PSY 206 | Child Growth and Development | 3 |
| CHLD 112 | Principles of Early Childhood Education I | 3 |
| CHLD 114 | Home-Child-Community Relations | 3 |
| CHLD 154 | Observing and Recording Behavior | 3 |

Select nine (9) units of the following:

| | | |
|----------|--|---|
| CHLD 116 | Introduction to Curriculum | 3 |
| CHLD 120 | Literacy for Children | 3 |
| CHLD 121 | Art for Children | 2 |
| CHLD 122 | Music and Rhythms for Children | 2 |
| CHLD 123 | Science Experiences for Children | 1 |
| CHLD 124 | Math for Children | 1 |
| CHLD 134 | Parent-Child Interaction | 3 |
| CHLD 144 | Health, Safety and Nutrition for Young Children | 3 |
| CHLD 150 | Multi-Culture Anti-Bias Classrooms | 3 |
| CHLD 160 | Perceptual Motor and Movement Activities | 2 |

| | | |
|----------|---|---|
| CHLD 164 | The Child with Special Needs | 3 |
| CHLD 166 | Speech and Language Development and Disorders | 2 |

Required supervised teaching experience:

| | | |
|-----------|--|---|
| CHLD 156 | Practicum in Early Childhood Education | 2 |
| CHLD 156L | Practicum A Lab | 1 |

Also Required 16

16 units of general education: one course minimum in each of the categories - English/language arts, math or science, social sciences, humanities and/or fine arts, any general education elective excluding PE. These GE courses must qualify for graduation credit.

PERMIT INFORMATION: This certificate of achievement meets the educational requirements for the Teacher Permit through the California Commission on Teacher Credentialing. All coursework must be completed with the grade of C or better to meet permit requirements. In order to apply for the State Permit, students must complete 175 days of 3 or more hours per day of qualifying work experience with young children within 4 years. Specific details may be found at www.ctc.ca.gov

Total Units 40

Certificate of Achievement Level Student Learning Outcomes

Students completing the Child Development Teacher Certificate of Achievement will:

1. Acquire knowledge and foundational skills necessary to work in the teaching profession.
2. Design, implement and evaluate environments and activities that support positive, developmental play and learning outcomes for children.
3. Demonstrate the ability to identify, analyze, and apply theories of early childhood education and child development.
4. Apply effective guidance and teaching strategies that support social growth, learning, and identity development and promote self-confidence.

Child Development—Master Teacher

This certificate of achievement is designed for the early childhood professional who is seeking career advancement and the educational requirements for the lead teacher or "Master Teacher" job or employment category.

The certificate program prepares the employed child development teacher to function as a lead or mentor teacher to students in training or other adults working in the same environment. May be eligible to participate in the Mentor Teacher Program, which includes a stipend for professional development and for supervising identified students in training.

Required courses:

Completion of the Child Development Teacher Certificate of Achievement and the following course work:

Total Units 40

| | | |
|----------|---|---|
| CHLD 194 | Personnel Issues in Adult Supervision and Mentoring | 3 |
|----------|---|---|

REQUIRED: Six units of area specialization 6

Note: The "area of specialization" units are above and beyond the child development unit requirements for the Teacher Certificate. The 6 units in your "area of specialization" may not be counted twice and should focus on one specific area of service, instruction, or curriculum. Examples of specializations: Infant/Toddler, Teacher/Family Relations, Music/Movement Experiences, Children with Special Needs, Speech and Language Development, Health and Safety, Art and Creative Experiences, Multicultural/Bilingual Curriculum, Child Abuse/Children at Risk, Literacy/Children's Literature.

NOTE: Administration and core courses are NOT acceptable specializations. CHLD 110, 111, PSY 206, CHLD 114, 190, 191 and 194 cannot be used for the "area of specialization."

PERMIT INFORMATION: This certificate of achievement meets the educational requirements for the Master Teacher Permit through the California Commission on Teacher Credentialing. All course work must be completed with a grade of C or better to meet permit requirements. In order to apply for the State Permit, students must complete 350 days of 3 or more hours per day of qualifying work experience with young children within 4 years. Specific details may be found at www.ctc.ca.gov

Total Units 49

Certificate of Achievement Level Student Learning Outcomes

Students completing the Child Development - Master Teacher Certificate of Achievement will:

1. Acquire knowledge and foundational skills necessary to work in the teaching profession.
2. Demonstrate global consciousness in order to be an effective professional in working with children and families from diverse cultural backgrounds.
3. Apply ethical standards and professional behaviors that demonstrate an understanding, a knowledge, and a deepening commitment to the child development profession and early childhood education.
4. Apply effective guidance and teaching strategies that support social growth, learning, and identity development and promote self-confidence.

Child Development Master Teacher—Early Intervention

This certificate of achievement is designed for the experienced teacher who desires to develop the additional skills and knowledge necessary to work with exceptional children in a special education or inclusive setting. This inclusive training program meets the education requirements for child development master teacher. Emphasis is placed on working with young children with special needs in preschool and in early intervention programs.

| Required courses: | | Units |
|-------------------|---|-------|
| CHLD 110 | Early Childhood Development | 3 |
| | or | |
| PSY 206 | Child Growth and Development | 3 |
| CHLD 112 | Principles of Early Childhood Education I | 3 |
| CHLD 114 | Home-Child-Community Relations | 3 |
| CHLD 120 | Literacy for Children | 3 |
| CHLD 150 | Multi-Culture Anti-Bias Classrooms | 3 |
| CHLD 154 | Observing and Recording Behavior | 3 |
| CHLD 156 | Practicum in Early Childhood Education | 2 |
| CHLD 156L | Practicum A Lab | 1 |
| CHLD 160 | Perceptual Motor and Movement Activities | 2 |
| CHLD 164 | The Child with Special Needs | 3 |
| CHLD 166 | Speech and Language Development and Disorders | 2 |
| CHLD 168 | Developmental Risk: Infants and Toddlers | 2 |

| | | |
|----------|---|---|
| CHLD 169 | Managing Challenging and Disruptive Behaviors | 1 |
| CHLD 194 | Personnel Issues in Adult Supervision and Mentoring | 3 |

Also, 16 diversified general education units within the areas of English, math/science, social sciences, humanities or fine arts, any general education excluding PE. GE classes must count for graduation credit. Please see an academic counselor or adviser.

PERMIT INFORMATION: Certificate meets the educational requirements for the Master Teacher Permit through the California Commission on Teacher Credentialing. All coursework must be completed with the grade of C or better to meet permit requirements. In order to apply for the State Permit, students must complete 350 days of 3 or more hours per day of qualifying work experience with young children within four years. Specific details may be found at www.ctc.ca.gov

Recommended: 100 hours of the 350 hours should be in a special education setting if the student is seeking the State permit.

Employment opportunity:

Child Development Master Teacher with emphasis in young children with special needs

Total Units 50

Certificate of Achievement Level Student Learning Outcomes

Students completing the Child Development Master Teacher - Early Intervention Certificate of Achievement will:

1. Apply ethical standards and professional behaviors that demonstrate understanding, knowledge, and a deepening commitment to the child development profession and early childhood education.
2. Design, implement and evaluate environments and activities that support positive, developmental play and learning outcomes for children.
3. Demonstrate the ability to identify, analyze, and apply theories of early childhood education and child development.
4. Apply effective guidance and teaching strategies that will support social growth, learning, identity development and promote self-confidence.

Commercial Dance

The Citrus College Commercial Dance Certificate of achievement Program provides a vast array of opportunities in the field of dance to the community college student. These include instruction to the vocational student in ballet, jazz, tap, hip-hop and musical theatre technique in order to prepare them for employment in the professional dance world.

The program conforms to the mission of Citrus College in that it seeks to provide transfer and associate degree courses and improve the local work force in the commercial dance field.

| Required courses: | | Units |
|--------------------------|------------------------------------|--------------|
| DANC 158 | Beginning Hip-Hop Dance Techniques | 1 |
| DANC 258 | Intermediate Hip-Hop Dance | 1 |
| DANC 162 | Beginning Ballet | 1 |
| DANC 262 | Intermediate Ballet I | 1 |
| DANC 272 | Intermediate Ballet II | 1 |
| DANC 292 | Advanced Ballet I | 1 |
| DANC 160 | Jazz Dance Techniques | 1 |
| DANC 260 | Intermediate Jazz Dance I | 1 |
| DANC 270 | Intermediate Jazz Dance II | 1 |
| DANC 281 | Advanced Jazz Dance I | 1 |
| DANC 159 | Beginning Tap | 1 |
| DANC 259 | Intermediate Tap I | 1 |
| DANC 269 | Intermediate Tap II | 1 |
| DANC 279 | Advanced Tap I | 1 |

| Elective courses: | | |
|---|--|--------------|
| 12-14 units chosen from the following: | | Units |
| DANC 102 | History of Dance | 3 |
| DANC 130 | Alignment and Correctives | 2 |
| DANC 172 | Composition in Group Forms | 2 |
| DANC 263A | Dance for Musical Theatre- Beginning | 4 |
| DANC 263B | Dance for Musical Theatre- Intermediate | 4 |
| DANC 264 | Beginning Popular Dance Techniques | 4 |
| DANC 265A | Musical Staging: Rehearsal and Performance- Beginning | 2 |
| DANC 265B | Musical Staging: Rehearsal and Performance- Intermediate | 2 |
| DANC 284 | Intermediate Popular Dance Techniques | 4 |
| DANC 266 | Pop Dance: Rehearsal and Performance- Beginning | 2 |
| DANC 296 | Pop Dance: Rehearsal and Performance- Intermediate | 2 |
| DANC 289 | Dance Concert Production | 3 |
| Total Units 26 - 28 | | |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Commercial Dance Certificate of Achievement will:

1. Be able to demonstrate intermediate to advanced and basic dance pedagogy.

Total Units 26-28

Computer Aided Design

This Computer Aided Design (CAD) Architecture and Drafting Certificate of Achievement provides a foundation for such majors as Architecture, Drafting and Computer Generated Imagery.

Employment opportunities:
Entry-level Computer Aided Design (CAD) - Cadperson/Draftsperson

| Strongly recommended preparation | | Units |
|---|---------------------------------------|--------------|
| DRAF 101 | Beginning Computer Aided Design (CAD) | 3 |
| or | | |
| One year of high school drafting or industry drafting experience. | | |

| Required courses: | | |
|--------------------------|---|-----|
| ARCH 100 | Introduction to Architecture | 3 |
| ARCH 110 | Introduction to Architectural Communication and Functional Design | 3 |
| ARCH 111 | Basic Architectural Design | 3 |
| DRAF 160 | Intermediate Computer Aided Design (CAD) | 2.5 |
| DRAF 161 | Advanced Computer Aided Design (CAD) | 2.5 |

| Select one (1) of the following: | | |
|---|----------------------|-----|
| ARCH 102 | Visual Communication | 2.5 |
| DRAF 102 | Visual Communication | 2.5 |

| Select one (1) of the following: | | |
|---|------------------------------|---|
| ARCH 200 | Portfolio Preparation | 3 |
| DRAF 103 | Advanced Engineering Drawing | 3 |

Employment opportunities:
Entry level Computer Aided Design (CAD) - Cadperson/Draftsperson

Total Units 19.5

Certificate of Achievement Level Student Learning Outcomes

Students completing the Computer Aided Design (CAD)-Architecture and Drafting Certificate of Achievement will:

1. Describe effective drafting techniques including graphic communication, orientation, and decision making.
2. Demonstrate the ability to use technology to prepare hand drawings, Computer Aided Drawings (CAD), and multimedia presentations.
3. Demonstrate planning techniques and administration of document control for design and working drawings.
4. Demonstrate the ability to estimate time, material, labor and equipment for design and working drawings.

Computer Generated Imagery

This program provides course work for majors such as architecture, computer generated imagery (CGI), engineering and animation. Design principles, CAD and animation systems are applied to problems in animation, architecture, landscape architecture, urban planning and engineering. Proper and efficient methods of sketching, story boarding, 3D digital models, animations and multifaceted presentations' are examined.

| Required courses: | | Units |
|--------------------------|--|--------------|
| ARCH 200 | Portfolio Preparation | 3 |
| ART 111 | Beginning Drawing | 3 |
| ART 115 | Figure Drawing I | 3 |
| ART 120 | Two-Dimensional Design | 3 |
| DRAF 160 | Intermediate Computer Aided Design (CAD) | 2.5 |
| DRAF 161 | Advanced Computer Aided Design (CAD) | 2.5 |
| DRAF 290 | Introduction to Maya Practices | 3 |

Select one (1) of the following:

| | | |
|----------|----------------------|-----|
| ARCH 102 | Visual Communication | 2.5 |
| DRAF 102 | Visual Communication | 2.5 |

Employment opportunity:

Entry-level - Animation Modeler

Total Units 22.5

Certificate of Achievement Level Student Learning Outcomes

Students completing the Computer Generated Imagery (CGI) Certificate of Achievement will:

1. Describe effective Computer Generated Imagery (CGI) techniques including graphic communication, orientation, and decision making.
2. Demonstrate the ability to use technology to prepare Computer Generated Imagery (CGI) drawings, Computer Aided Drawings (CAD), animations and multimedia presentations.
3. Demonstrate Computer Generated Imagery (CGI) planning techniques and administration of file control for CGI design and animation.
4. Demonstrate the ability to estimate time, material, labor and equipment for Computer Generated Imagery (CGI) design and animation.

Cosmetology

The Cosmetology Certificate of Achievement is a comprehensive curriculum that prepares students for a wide range of careers within the beauty industry. The curriculum offers theoretical and practical disciplines as well as interactive demonstrations and hands-on applications that train students to possess knowledge, language and skills for career opportunities in haircutting, hairstyling, colorist, chemical specialist, skin and nail spas, sales and entrepreneurship. Students will understand the importance of professionalism and artistic endeavor in this diverse industry through inspiration and challenge. This program of study also enables students to prepare for and pass the California State Board Exam of Cosmetology.

| Required courses: | | Units |
|--------------------------|-----------------------------|--------------|
| COS 141 | Introduction to Cosmetology | 11 |
| COS 151 | Salon Success | 4.5 |
| COS 161 | Haircolor | 8 |
| COS 181 | Hairsculpting | 8 |
| COS 185 | Skin and Nail Care | 9 |
| COS 191 | Hair Design | 8 |
| COS 201 | Texture | 8 |

Total Units 56.5

Certificate of Achievement Level Student

Learning Outcomes

Students completing the Cosmetology Certificate of Achievement will:

1. Be prepared to pass the State Board Exam and acquire California State licensure.
2. Be trained theoretically and practically in the disciplines of: haircutting, haircoloring, chemical training, skin/nails, and hairstyling necessary for the professional stylist.
3. Be inspired and challenged artistically through industry competitions, projects, community service and collaborative work with partnering college disciplines.

Dental Assisting

The Dental Assisting Program prepares students for the California State Registered Dental Assistant Examination. This program is accredited by the American Dental Association Commission on Accreditation and the Dental Board of California. Upon completion, the graduate is eligible to sit for the California State Registered Dental Assistant Examination and the National Certification Examination. Students must maintain a minimum grade of C (75%) in all dental courses.

| Required courses: | | Units |
|--------------------------|--|--------------|
| DENT 100 | Dental Assisting Basics | 2.5 |
| DENT 101 | Chairside Assisting | 3 |
| DENT 102 | Dental Materials | 2.5 |
| DENT 121 | Preclinical Dental Science | 2 |
| DENT 122 | Infection Control in the Dental Office | 1.5 |
| DENT 123 | Preventive Dental Health | 2 |
| DENT 124 | Dental Specialties | 2 |
| DENT 125 | Dental Practice Management | 2 |
| DENT 201 | Dental Radiology | 2 |
| DENT 202 | Registered Dental Assistant | 4 |
| DENT 203 | Dental Practical Experience | 5.5 |
| DENT 204 | RDA Clinical Procedures | 1 |

Employment opportunity:

Dental Assistant, Registered Dental Assistant

Total Units 30

Certificate of Achievement Level Student

Learning Outcomes

Students completing the Dental Assisting Certificate of Achievement will:

1. Use correct dental terminology and nomenclature in the correct context in order to effectively communicate dental information

and concepts to others.

2. Develop problem-solving and self-assessment skills and make appropriate decisions regarding a variety of procedural situations.
3. Demonstrate the ability to interact with patients and work effectively as a member of the dental team.
4. Maintain the standard of care during dental treatment and promote oral health.
5. Develop the ability to use and adapt to current technology used in dental practices.
6. Demonstrate proficiency in the current duties of an RDA, practicing with the delegated duties (scope of practice).
7. Develop foundational knowledge of dental procedures and the ability to communicate and apply their concepts and principles.

Digital and Web Design

The Digital and Web Design certificate is designed to introduce and develop the basic skills necessary for success as an entry-level graphic, digital or web designer. Fundamental to the core of a strong design sensibility, the computer is an essential tool for design success and a complement to composition, design principles, layout, and typography.

| Required courses: | | Units |
|--------------------------|-------------------------------------|-----------------------|
| ART 111 | Beginning Drawing | 3 |
| ART 120 | Two-Dimensional Design | 3 |
| ART 150 | Computer Art Basics | 3 |
| ART 153 | Digital Media Production I | 3 |
| ART 158 | Commercial Graphic Design | 3 |
| ART 162 | Computer Graphics I | 3 |
| ART 167 | Web Design I | 3 |
| ART 168 | Animation I | 3 |
| ART 189 | Art Portfolio and Resume Production | 3 |
| PHTO 101 | Basic Photography | 3 |
| | | Total Units 30 |

Certificate of Achievement Level Student

Learning Outcomes

Students completing the Digital and Web Design Certificate of Achievement will:

1. Develop design sensibility.
2. Become adept in the use of appropriate computer graphics software.
3. Gain a greater understanding of the industry expectations for an entry-level designer.
4. Prepare for university level courses.
5. Build a professional level portfolio.

Emergency Management and Homeland Security

The certificate of achievement in Emergency Management and Homeland Security offers the required courses and learning domains for students to apply for employment with emergency management agencies, such as the local cities and county governments in California and non-profit organizations such as the American Red Cross, and federal agencies such as the Department of Homeland Security (FEMA).

| Required courses: | | Units |
|--------------------------|--|--------------|
| EMER 162 | Principles of Emergency Management | 3 |
| EMER 163 | Terrorism and Emergency Management | 3 |
| EMER 164 | Managing Hazardous Materials Incidents | 3 |
| EMER 166 | Emergency Planning and Methodology | 3 |

Select one (1) of the following:

| | | |
|----------|--|---|
| EMER 167 | Practical Applications of Emergency Management | 3 |
| EMER 168 | Emergency Operations Center (EOC) Management | 3 |
| ESCI 180 | Introduction to Geographic Information Systems | 4 |

Total Units 15-16

Certificate of Achievement Level Student Learning Outcomes

Students completing the Emergency Management and Homeland Security Certificate of Achievement will:

1. Express an understanding of the human physical consequences of natural and technological disasters and how to mitigate them.
2. Explain and apply state and local regulations related to emergency management.
3. Be familiar with the range of technologies used in emergency management.
4. Critically analyze emergency management plans and procedures.

Emerging Theatre Technologies

The Emerging Theatre Technologies Program (ETT) is a hands-on, career education program, that develops critical skills in stage lighting, live sound reinforcement, stage technology, live event video and project management. ETT provides both introductory and specific hands-on experience in multiple specialized technical production areas that include theatre, concert touring, theme parks, television and film.

Fall Semester 1

| Prerequisites (12 units) | | Units |
|---------------------------------|---|--------------|
| THEA 120 | Introduction to Tech for Theatre, TV and Film | 3 |
| THEA 122 | Stagecraft | 3 |
| THEA 140 | Introduction to Lighting for Theatre, Television and Film | 3 |
| BUS 130 | Introduction to Business | 3 |

Fall Semester 1

Required courses (4 units):

| | | |
|---------|--------------------------|---|
| REC 135 | Live Sound Reinforcement | 4 |
|---------|--------------------------|---|

Spring

Required courses (16 units):

| | | |
|----------|---|---|
| THEA 125 | Technical Theatre Production | 3 |
| THEA 145 | Anatomy of Intelligent Lighting Instruments | 3 |
| THEA 150 | Introduction to Intelligent Lighting Consoles | 3 |
| THEA 240 | Introduction to Live Video Event Production | 3 |
| REC 255 | Live Sound Workshop | 4 |

Summer

Required courses (4 units):

| | | |
|----------|-----------------------------------|---|
| THEA 160 | Computer Aided Design for Theatre | 4 |
|----------|-----------------------------------|---|

Fall Semester 2

Required Courses (10 units):

| | | |
|----------|--|---|
| THEA 245 | Stage and Project Management for Theatre, TV and Film | 3 |
| THEA 255 | Entertainment Production for Theme Parks and Themed Environments | 2 |
| THEA 260 | Introduction to Show Production Systems | 3 |
| THEA 262 | Rigging and Automation for Theatre and Live Events | 2 |

Total Units 46

Certificate of Achievement Level Student Learning Outcomes

Students completing the Emerging Theatre Technologies Certificate of Achievement will:

1. Increase their ability to speak articulately and listen actively by attending various performance classes and productions, having interactions with faculty and students from other disciplines as well.
2. Develop and expand writing skills to broaden communication abilities.
3. Become proficient in technical theatre and computer aided design through in-class utilization of appropriate design software, to gain the ability to make creative and analytical decisions throughout.
4. Investigate their personal skill set through research projects, practicums, progressive classroom assignments and varied rehearsal techniques in order to create, evaluate and execute realistic goals.
5. Develop a variety of learning strategies through an introduction to various theatrical styles and techniques presented by outside professionals and adjunct professors to increase educational flexibility.
6. Interact with audiences of all ages and back grounds through touring, public, and outreach performances, to internalize the importance of strong community relationships, citizenship and integrity.

Esthetician

This program is designed to educate and train students in the fundamental skills needed to successfully complete and pass the California State Board Exam. The program provides a distinct education in esthetic applications, values, theoretical science and State Board preparedness which includes, but is not limited to, makeup design, training in electrical modalities, hair removal, facials for specific skin types and proper sanitation and disinfecting procedures. The program also provides interpersonal interaction with clients and other students. The focus is on personal satisfaction, study skills, trained applications, and professionalism, which are required to become a successful licensed esthetician for an entry-level career in the field of esthetics.

The need for professional estheticians continues to grow in new and exciting ways, providing ample room for personal success in a variety of career

paths. This program prepares students for operational and financial success as estheticians.

| Required courses: | | Units |
|--------------------------|---------------------------|--------------|
| COS 199 A | Esthetician I | 8 |
| COS 199 B | Esthetician II | 8 |
| COS 199 C | Esthetician Salon Success | 3 |
| Total Units | | 19 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Esthetician Certificate of Achievement will:

1. Understand the components of creating a professional atmosphere.
2. Recognize different facial treatment philosophies.
3. Master the art of makeup design and hair removal to ensure success in the industry.
4. Develop confidence, proficiency and appreciate the specialized knowledge required for a lucrative career within a professional environment.
5. Successfully complete 600 hours and pass the California State Board exams.

Information Technology

The Information Technology Certificate of Achievement prepares students for careers as: computer technicians, I.T. sales associates, field service technicians, server administrators, system administrators, web support specialists, I.T. project managers, software support technicians, device integration specialists, as well as storage and backup specialists. Throughout the course of the program, students will develop the skills sought after by IT employers. These include networking, security, IP communications, project management, software support, device integration, as well as ethics. During the program the students will have the opportunity to complete industry certifications from CompTIA which include A+, Network+, Server+, and Security+. Program content will also cover industry certifications for Macintosh and Microsoft.

| Required courses: | | Units |
|--------------------------|-------------------------------|--------------|
| IT 104 | PC Hardware and Maintenance | 4 |
| IT 107 | Network Technology | 4 |
| IT 108 | Networking Operating Systems | 4 |
| IT 109 | Network and Computer Security | 4 |
| | or | |
| CIS 109 | Network and Computer Security | 4 |

Select six (6) units from the following:

| | | |
|----------|--|---|
| BUS 130 | Introduction to Business | 3 |
| BUS 132 | Ethics in Business | 3 |
| CSIS 111 | Introduction to Programming Concepts and Design | 4 |
| IT 110 | Virtual Computing | 4 |
| IT 698B | Cooperative Education | 2 |
| IT 698D | Cooperative Education | 4 |
| IT 699B | Cooperative Education | 2 |
| IT 699D | Cooperative Education | 4 |
| PHIL 110 | Philosophy/Logic | 3 |
| SPCH 100 | Interpersonal Communication | 3 |

No more than four (4) units of IT 698/699 may be used towards the certificate requirements.

Total Units 22

Certificate of Achievement Level Student Learning Outcomes

Students completing the Information Technology Certificate of Achievement will:

1. Use and possess broad-based knowledge of information and concepts related to installing and maintaining computer hardware, installing and maintaining computer networks, and solving computer hardware and network problems.
2. Apply their knowledge and skills in diverse areas of Information Technology in order to certify in various industry certifications.
3. Have the knowledge, skill and behaviors necessary to obtain an entry-level position as a computer hardware installer/technician, computer network technician, field service technician, network and communication specialist/technician or other related field of information technology.

Literature

This Certificate of Achievement requires the successful completion of 12 units of literature courses and may be used as verification of literature knowledge or competency for entry-level jobs in fields such as tutoring, editing and publishing, journalism, theater and entertainment.

Select one (1) of the following reading and composition courses:

| | | Units |
|-----------|-------------------------------------|--------------|
| ENGL 101 | Reading and Composition | 3 |
| ENGL 101H | Reading and Composition - Honors | 3 |

Select one (1) of the following English literature courses:

| | | |
|----------|--|---|
| ENGL 251 | Introduction to English Literature I | 3 |
| ENGL 252 | Introduction to English Literature II | 3 |

Select one (1) of the following U.S. American literature courses:

| | | |
|----------|--|---|
| ENGL 261 | Introduction to U.S. American Literature I | 3 |
| ENGL 262 | Introduction to U.S. American Literature II | 3 |

Select one (1) of the following world literature courses:

| | | |
|----------|--|---|
| ENGL 271 | Introduction to World Literature: Ancient - Early Modern | 3 |
| ENGL 272 | Introduction to World Literature: 1600's through Twentieth Century | 3 |

Total Units 12

Certificate of Achievement Level Student Learning Outcomes

Students completing the Literature Certificate of Achievement will:

1. Critically analyze and evaluate the subtext of literature selections in order to demonstrate knowledge of literary terminology.
2. Employ established modes of reasoning in the defense and development of thesis/judgments to clearly demonstrate knowledge of critical analysis tools in all written work.
3. Identify and evaluate the writer's use of literature as a persuasive tool to identify and assess the effectiveness of literary works.
4. Critically analyze and synthesize source material to demonstrate ability to write at the college level.
5. Demonstrate cultural awareness, personal responsibility, and ethical behavior in evaluating and writing about literature.

Medium and Heavy Truck Service, Diagnosis, and Repair Technician

The courses listed in the Medium and Heavy Duty Truck Service, Diagnosis and Repair Technician certificate of Achievement are selected to provide a comprehensive set of job skills needed by medium and heavy duty truck technicians, bus technicians and heavy equipment technicians. In addition to improving the student's employability, the skills developed in the program will enhance their ability to become an Automotive Service Excellence (ASE) Medium/Heavy Truck, Truck Equipment, School Bus, Transit Bus and/or Alternative Fuels certified technician.

| Required courses: | | Units |
|--------------------------|--|--------------|
| AUTO 101 | Fundamentals of Automotive Service, Diagnosis and Repair | 5 |
| AUTO 149 | Diesel Engine Management Systems | 4 |
| AUTO 156 | Automotive Electrical/Electronic Systems I | 5 |
| MTRK 151 | Medium and Heavy Truck Engines Service, Diagnosis, and Repair | 5 |
| MTRK 152 | Medium and Heavy Truck Drivetrain Service, Diagnosis, and Repair | 5 |
| MTRK 154 | Medium and Heavy Truck Chassis Service, Diagnosis, and Repair | 5 |

Select at least three (3) units from the following:

| | | |
|--------------|---|---------|
| AUTO 166 | Automotive Electrical/Electronic Systems II | 3 |
| AUTO 167 | Automotive HVAC Service, Diagnosis & Repair | 3 |
| AUTO 230A | Automotive Service and Repair Work Experience A | 1 |
| AUTO 230B | Automotive Service and Repair Work Experience B | 2 |
| AUTO 230C | Automotive Service and Repair Work Experience C | 3 |
| AUTO 230D | Automotive Service and Repair Work Experience D | 4 |
| AUTO 695/696 | Special Topics (department approval required) | 0.5 - 4 |
| AUTO 698/699 | Internship | 1 - 2 |

Total Units 32

Certificate of Achievement Level Student Learning Outcomes

Students completing the Medium and Heavy Diesel Truck Service, Diagnosis and Repair Technician Certificate of Achievement will:

1. Listen to and verify the operator's concern, review past maintenance and repair documents, determine necessary action and perform the service or repair to industry standards.
2. Obtain ASE Truck technician certification in at least three areas.

Motorcycle Service, Diagnosis and Repair Technician

The courses listed in the Motorcycle Service, Diagnosis and Repair Technician Certificate of Achievement are selected to provide a comprehensive set of job skills needed by motorcycle technicians. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement.

| Required courses: | | Units |
|--------------------------|--|-----------------------|
| MOTO 101 | Fundamentals of Motorcycle Service, Diagnosis and Repair | 5 |
| or | | |
| AUTO 101 | Fundamentals of Automotive Service, Diagnosis and Repair | 5 |
| MOTO 141 | Motorcycle Engine Mechanical Systems Service, Diagnosis & Repair | 4 |
| MOTO 142 | Motorcycle Power Transmission System Service, Diagnosis & Repair | 5 |
| MOTO 144 | Motorcycle Chassis System Service, Diagnosis & Repair | 5 |
| MOTO 146 | Motorcycle Electrical System Service, Diagnosis & Repair | 4 |
| MOTO 148 | Motorcycle Engine Management System Service, Diagnosis & Repair | 5 |
| | | Total Units 28 |

Certificate of Achievement Level Student Learning Outcomes

Students completing the Motorcycle Service, Diagnosis and Repair Technician Certificate of Achievement will:

1. Given any motorcycle related complaint; the student will be able to verify the customer's complaint, diagnose the failure, or find the vehicle operating as designed.

- The student will service and/or repair the vehicle to industry standards and verify the repair has corrected the customer's complaint.

Photography

The Photography Certificate of Achievement prepares a student for a career as an assistant to a professional photographer, a photographic lab technician or an independent professional freelance photographer. Students will be prepared for positions in retail photographic outlets.

Required courses: Units

| | | |
|----------|--------------------------|---|
| PHTO 101 | Basic Photography | 3 |
| PHTO 102 | Intermediate Photography | 3 |
| PHTO 103 | Advanced Photography | 3 |
| PHTO 205 | Color Photography | 3 |

Select three (3) of the following:

| | | |
|----------|---------------------------------------|---|
| PHTO 125 | Photography as an Art Medium | 3 |
| PHTO 126 | Advanced Photography as an Art Medium | 3 |
| PHTO 202 | Photojournalism | 3 |
| PHTO 206 | Intermediate Color Photography | 3 |
| PHTO 213 | Studio & Environmental Portraiture | 3 |

A course may be used only once to fulfill the certificate requirements.

Total Units 21

Certificate of Achievement Level Student Learning Outcomes

Students completing the Photography Certificate of Achievement will:

- Demonstrate computer proficiency in specialized programs related to photographs.
- Demonstrate knowledge of photographic theory in choosing new products and using them effectively.
- Review, analyze and critique the photographic work of others.
- Analyze and evaluate personal and other students' images through use of evaluation rubrics based on aesthetic concepts.

Public Works I

These course offerings prepare new personnel for public works occupations and provide upgrading within these occupations. Job opportunities exist in both the public and private sectors.

Required courses: Units

| | | |
|---------|-------------------------------------|---|
| PUB 150 | Public Works I | 3 |
| PUB 151 | Street Construction and Maintenance | 3 |
| PUB 155 | Public Works Inspection | 3 |
| PUB 157 | Asphalt and Portland Cement | 3 |

Select two (2) of the following electives:

| | | |
|---------|--|---|
| PUB 154 | Soils - Trenching and Grading | 3 |
| PUB 156 | Concrete Structures and Inspection | 3 |
| PUB 158 | Municipal and Urban Tree Care | 3 |
| PUB 161 | California Occupational Safety and Health | 3 |
| PUB 162 | Traffic Control Standards, Practices, and Policies | 3 |
| PUB 165 | Environmental Management in Public Works | 3 |

Employment opportunities:

Public Works Employees

Total Units 18

Certificate of Achievement Level Student Learning Outcomes

Students completing the Public Works I Certificate of Achievement will:

- Describe and explain the fundamentals of street maintenance.
- Demonstrate knowledge of equipment and techniques used for street maintenance.
- Explain preventative methods and materials, emphasizing the importance of the need for longevity in street construction and maintenance.
- Properly demonstrate a clear understanding of inspection records, duties, and job diary techniques.
- Describe and explain the ability to read and interpret plans and demonstrate a clear understanding of codes and ordinances.
- Explain how to effectively use resources to administer infrastructure maintenance.

Public Works II

This Certificate of Achievement prepares those already working in the Public Works field for promotion to supervisor or manager. Job opportunities exist in both the public and private sectors.

Employment opportunities:

Public works crew leader, street division supervisor, maintenance supervisor, field operations manager. Students must complete the Public Works I Certificate of Achievement **18 Units**

Required courses:

| | | |
|---------|---|---|
| PUB 160 | Public Administration | 3 |
| PUB 164 | Plan Interpretation and Cost Estimating | 3 |
| PUB 166 | Supervision in Public Works | 3 |
| CIS 130 | Microcomputer Applications I | 4 |

| | | |
|----------|--------------------------------------|---|
| MATH 142 | Beginning and Intermediate Algebra I | 5 |
| | or | |
| MATH 150 | Intermediate Algebra | 5 |

Select one (1) of the following courses:

| | | |
|---------|--|---|
| BUS 172 | Human Resource Management | 3 |
| BUS 175 | Introduction to Management | 3 |
| BUS 176 | Management for the Office Professional | 3 |
| PUB 154 | Soils - Trenching and Grading | 3 |
| PUB 156 | Concrete Structures and Inspection | 3 |
| PUB 158 | Municipal and Urban Tree Care | 3 |
| PUB 159 | Urban Forest Management Planning | 3 |
| PUB 161 | California Occupational Safety and Health | 3 |
| PUB 162 | Traffic Control Standards, Practices, and Policies | 3 |
| PUB 165 | Environmental Management in Public Works | 3 |

Total Units 39

Certificate of Achievement Level Student Learning Outcomes

Students completing the Public Works II Certificate of Achievement will:

1. Demonstrate techniques of Public Works administration in planning, finance, and personnel.

2. Demonstrate the ability to estimate time, material, labor and equipment needed for Public Works projects.
3. Describe effective methods of personnel management including communication, orientation, training, motivation, decision making, performance evaluation, and disciplinary action.
4. Demonstrate the ability to use technology to prepare electronic spreadsheets, database management systems, and multimedia presentations.

Vocational Nursing

Successful completion of the program of studies allows the student to become eligible to take the State Board Examination for Licensed Vocational Nurse-NCLEX.

Required courses:

| | | Units |
|-----------|---|--------------|
| VNRS 150 | Fundamentals of Nursing | 3 |
| VNRS 151L | Fundamentals of Nursing Lab | 3 |
| VNRS 152 | Pharmacology I | 1 |
| VNRS 153 | Introductory Nutrition for the Vocational Nurse | 1 |
| VNRS 154 | Body Structure and Function for the Vocational Nurse I | 1.5 |
| VNRS 155 | Social-Psychology for the Vocational Nurse | 1 |
| VNRS 160 | Medical-Surgical Nursing I | 3 |
| VNRS 161L | Medical-Surgical Nursing I Lab | 3 |
| VNRS 162 | Pharmacology II | 1 |
| VNRS 163 | Diet Therapy for the Vocational Nurse | 1 |
| VNRS 164 | Body Structure and Function for the Vocational Nurse II | 1.5 |
| VNRS 165 | Growth and Development: Young Adult - Elderly | 1 |
| VNRS 170 | Medical-Surgical Nursing II | 7 |
| VNRS 171L | Medical-Surgical Nursing II Lab | 7 |
| VNRS 172 | Advanced Pharmacology | 2 |
| VNRS 173 | Psychology for Vocational Nurses | 2 |
| VNRS 180 | Pediatric Nursing | 3.5 |
| VNRS 181 | Growth and Development: Infancy-Adolescence | 1 |
| VNRS 182 | Obstetrical-Gynecological Nursing | 4 |
| VNRS 183 | Leadership in Nursing | 3 |

Employment opportunity:

Vocational Nurse

Total Units 50.5

Certificate of Achievement Level Student Learning Outcomes

Students completing the Vocational Nursing Certificate of Achievement will:

1. Use correct medical terminology and nomenclature, in the correct context, in order to effectively communicate health/medical information and concepts to others.
2. Demonstrate the ability to perform accurate calculations of intake and output, drug dosages, and IV rates.
3. Develop problem-solving and self-assessment skills and make appropriate decisions regarding a variety of procedural situations.
4. Demonstrate the ability to interact with patients and work effectively as a member of the health care team.
5. Develop the ability to use and adapt to current technologies used in the healthcare setting.
6. Provide patient care that falls within the scope of practice as set forth by the BVNPT.

Water Technology

This program is designed to prepare students who wish to seek employment in the public drinking water supply industry or qualify for a more responsible position within the industry. These courses will be helpful to students who wish to prepare for the T1, T2, T3, T4, and T5 Water Treatment Operator and D1, D2, D3, D4, and D5 Water Distribution Operator certification examinations given by the California Department of Public Health. Coursework also provides contact hours for Operator Certification maintenance requirements.

| Required courses: | Units |
|--|-------|
| WATR 150 Introduction to Water Systems | 3 |
| WATR 151 Water Resources and Distribution I | 3 |
| WATR 153 Water Resources and Distribution II | 3 |
| WATR 156 Water Treatment I | 3 |
| WATR 157 Water Treatment II | 3 |

Select one (1) of the following courses

| | |
|---|---|
| BIOL 145 Environmental Science | 3 |
| PUB 155 Public Works Inspection | 3 |
| PUB 160 Public Administration | 3 |
| PUB 161 California Occupational Safety and Health | 3 |
| PUB 165 Environmental Management in Public Works | 3 |
| WATR 162 Water Conservation | 3 |

Total Units 18

Employment opportunities:

Pumping station operator, water line worker, water maintenance mechanic helper, water motor installer, water service dispatcher, treatment plant operator

Certificate of Achievement Level Student Learning Outcomes

Students completing the Water Technology Certificate of Achievement will:

1. Describe and explain regulatory issues that relate to the public drinking water supply.
2. Diagram and explain the fundamentals of the water distribution system including SCADA (supervisory control and data acquisition), maintenance, pumps, hydraulics, and valves.
3. Given a scenario involving water contamination; identify the contaminants, recommend the best treatment, administer the treatment, and then verify the contaminants are below allowable safety thresholds.
4. Demonstrate the safe handling of chemicals used in the water industry and describe the Occupational Safety and Health Administration (OSHA) regulations related to public drinking water.

Wildland Resources and Forestry

A Certificate of Achievement in Wildland Resources and Forestry prepares students for pre-professional careers and transfer into a four-year university leading to a baccalaureate degree in such areas as biology, botany, conservation, ecology, education, environmental science, forestry, horticulture, organismal biology, natural resources, rangeland management, recreation, soil science, wildland fire management and wildlife management. The Wildland Resources and Forestry student is also prepared to enter professional programs/careers of specialized study/work in such areas as agriculture, conservation biology, resource ecology, entomology, environmental protection, fisheries and wildlife, forest management, hydrology, limnology, natural resources; naturalist, park ranger, soil science, silvicultural practice, wildlife law enforcement and zoology. Those students who do not intend to transfer may take the courses for either direct vocational application or for general interest.

| Required courses: | | Units |
|--------------------------|--|--------------|
| FOR 101 | Introduction to Forestry | 3 |
| FOR 102 | Introduction to Forest Ecology | 3 |
| FOR 103 | Plant Identification | 3 |
| FOR 104 | Introduction to Outdoor Recreation | 3 |
| FOR 105 | Wildland Fire Management | 3 |
| FOR 106 | Principles of Wildlife Management and Ecology | 3 |
| ESCI 180 | Introduction to Geographic Information Systems | 4 |

Employment opportunities:

Entry-level positions for federal, state and private employers. Areas of opportunity include biological technician, conservation scientist, environmental technician, forestry aid, forest biologist, forestry technician, naturalist, park assistant, resource ecologist, survey technician aid, and wildlife biologist.

Total Units 22

Certificate of Achievement Level Student Learning Outcomes

Students completing the Wildland Resources and Forestry Certificate of Achievement will:

1. Express knowledge of scientific terminology as it relates to the management of wildland and other renewable resources.
2. Collect data and interpret data, tables and graphs to demonstrate an understanding of the types of data available in the realm of wildland resources.
3. Generate scientific hypotheses to distinguish between scientific and non-scientific questions and methods that relate to wildland resources to meet the emerging mandates for conservation, biodiversity, ecosystem management, and long-term sustainability.
4. Examine how human activities have contributed to changes in the wildland environment to better understand and discuss past, current, and future issues related to wildland resources.
5. Select and use the appropriate scientific apparatus.

Writing Competency

This Certificate of Achievement requires the successful completion of 12 units of English composition course work and may be used as verification of writing competency for entry-level jobs in fields including composition tutoring, editing and publishing, journalism, pre-law, theater and entertainment, freelance writing, and university or college teacher assisting.

Select one (1) of the following reading and composition courses:

| Units | | |
|--------------|----------------------------------|---|
| ENGL 101 | Reading and Composition | 3 |
| ENGL 101H | Reading and Composition - Honors | 3 |
| ESL 101 | Reading and Composition | 3 |

Select one (1) of the following composition and critical thinking classes:

| | | |
|-----------|--|---|
| ENGL 103 | Composition and Critical Thinking | 3 |
| ENGL 103H | Composition and Critical Thinking - Honors | 3 |

Select one (1) of the following courses:

| | | |
|-----------|-----------------------------|---|
| COMM 101 | Reporting and Writing News | 3 |
| ENGL 102 | Introduction to Literature | 3 |
| ENGL 291 | Film as Literature | 3 |
| ENGL 291H | Film as Literature - Honors | 3 |

Required rhetoric course:

| | | |
|----------|--|---|
| ENGL 104 | Advanced Rhetoric: The Classical Essay | 3 |
|----------|--|---|

Total Units 12

Certificate of Achievement Level Student Learning Outcomes

Students completing the Writing Competency Certificate of Achievement will:

1. Employ a variety of rhetorical techniques in order to write multi-paragraph essays.
2. Use correct spelling, grammar, punctuation and capitalization in order to demonstrate knowledge of the conventions of the English language.
3. Use the Internet and word processing programs in order to compose and revise written work.
4. Critically analyze and synthesize source material to demonstrate ability to write at the college level.

How Do I Earn a Skill Award from Citrus College?

Programs of Study Leading to a Skill Award

Some Citrus College academic programs, based on the satisfactory completion of a course or a sequence of courses, issue a Skill Award. Total units taken for a Skill Award may not exceed 17.5 units. A Skill Award may verify and provide documentation of proficiency for entry-level employment requirements, job upgrades and application into fields that require documentation of specific course work.

Programs of Study Leading to a Skill Award:

Child Development Associate Teacher
 Diesel Technician
 Emergency Medical Technician
 Engine Rebuilding and Machining
 Home Health Aide
 Infant & Child Development Associate Teacher
 Microsoft Office
 Nurse Assistant
 Office Clerk

Child Development Associate Teacher

This entry level program allows the student to explore the field of child development and prepares the student to work as a child development aide or assistant teacher in the field of early childhood education.

| Required courses: | | Units |
|---|---|-------|
| CHLD 110 | Early Childhood Development | 3 |
| | or | |
| PSY 206 | Child Growth and Development | 3 |
| CHLD 112 | Principles of Early Childhood Education I | 3 |
| CHLD 114 | Home-Child-Community Relations | 3 |
| Select three (3) units of the following: | | |
| CHLD 116 | Introduction to Curriculum | 3 |
| CHLD 120 | Literacy for Children | 3 |
| CHLD 121 | Art for Children | 2 |
| CHLD 122 | Music and Rhythms for Children | 2 |
| CHLD 123 | Science Experiences for Children | 1 |
| CHLD 124 | Math for Children | 1 |
| CHLD 144 | Health, Safety and Nutrition for Young Children | 3 |

Permit Information

This Skill Award meets the educational requirements for the Associate Teacher Permit through the California Commission on Teacher Credentialing. All course work must be completed with the grade of C or better to meet permit requirements. In order to apply for the State Permit, students must complete 50 days of 3 or more hours per day of qualifying work experience with young children within two (2) years. Specific details may be found at www.ctc.ca.gov

Employment Opportunity

This program prepares you to work as a child development aide or assistant teacher in a variety of programs.

Total Units 12

Skill Award Level Student Learning Outcomes

Students completing the Child Development Associate Teacher Skill Award will:

1. Demonstrate the ability to apply theories of early childhood education and child development.
2. Demonstrate global consciousness to work effectively with children, their families, and individuals from diverse cultures.

Diesel Technician

| Required courses: | Units | |
|-------------------|--|---|
| MTRK 270 | Electronic Controls Systems: Detroit Diesel Engine DDEC I, II, III, and IV | 2 |

Plus three electives

| | | |
|----------|--|---|
| MTRK 235 | Diesel Rebuilding: Detroit Engine-Series 71 and 92 | 2 |
| MTRK 240 | Diesel Rebuilding: Cummins Engine | 2 |
| MTRK 245 | Diesel Rebuilding: Caterpillar Engine | 2 |
| MTRK 280 | Heavy Duty Brake Systems | 2 |

Total Units 10

Emergency Medical Technician

| Required course: | | Units |
|--------------------|--------------------------------------|----------|
| HEAL 161 | Emergency Medical Technician - Basic | 7 |
| Total Units | | 7 |

Skill Award Level Student Learning Outcomes

Students completing the Emergency Medical Technician Skill Award will:

1. Use correct medical terminology and nomenclature in the correct context in order to effectively communicate health/medical information and concepts to others.
2. Demonstrate an understanding of the ethical responsibilities of EMS and other healthcare providers.
3. Calculate various I.V. drip rates for patients under going I.V. therapy.
4. Develop problem solving and self assessment skills and make appropriate decisions regarding a variety of procedural situations.
5. Identify the signs and symptoms of common medical emergencies related to various body systems.
6. Demonstrate the ability to interact with patients and work effectively as a member of the emergency medical services team.
7. Discuss various EMS systems both local/state and international.
8. Develop the ability to use and adapt to current technology used in emergency medical services practices.
9. Demonstrate understanding of administering patient prescribed drugs to patients.
10. Demonstrate proficiency in the current duties of an EMT, practicing within scope of practice.

Engine Rebuilding and Machining

| Required courses: | | Units |
|--------------------|----------------------------|-----------|
| AUTO 295 | Engine Design | 4 |
| AUTO 296 | Cylinder Head Development | 4 |
| AUTO 297 | Cylinder Block Development | 4 |
| Total Units | | 12 |

Employment Opportunity

Entry-level engine machinist

Total Units 12

Home Health Aide

| Required course: | | Units |
|--------------------|------------------|----------|
| NRS102 | Home Health Aide | 2 |
| Total Units | | 2 |

Employment Opportunity

Home Health Aide

Total Units 2

Infant and Child Development Associate Teacher

This program prepares you to work as a child development aide or assistant in a public or private preschool, Head Start program or day care center, or as a teacher in a private infant or preschool program.

| Required courses: | | Units |
|---|-----------------------------------|-----------|
| Completion of the Child Development Associate Teacher Skill Award | | 12 |
| plus | | |
| CHLD 130 | Infant Development and Group Care | 3 |
| Total Units | | 15 |

Microsoft Office

The Microsoft Office Skill Award is given upon completion of a series of courses that provide the student with mid-level office skills and employment training for positions in the business office environment. In addition to all of the courses required for the Office Clerk Skill Award, the student will take additional courses designed to significantly increase the student's knowledge and proficiency in professional office responsibilities.

| Required courses: | | Units |
|--------------------|----------------------------------|-----------|
| OFF 120 | Microsoft Excel | 3 |
| OFF 215 | Microsoft Outlook | 2 |
| OFF 285 | Administrative Office Procedures | 3 |
| OFF 294 | Microsoft Word | 3 |
| Total Units | | 11 |

Skill Award Level Student Learning Outcomes

Students completing the Microsoft Office Skill Award will:

1. Perform all Office Skill Award tasks such as: use e-mail to communicate with others; understand and utilize filing procedures; examine incoming materials and code it numerically, alphabetically or by subject matter; enter data electronically in various storage devices; use electronic calendars; use correct spelling, grammar, and punctuation in prepared documents.
2. File data on the computer.
3. Keyboard and file data on computers as well as access information.
4. Keep payroll records and prepare invoices.
5. Set up spreadsheets.
6. Format letters, memos, tables and reports using current office application program.
7. Compose routine letters, memos and e-mail messages.

Nurse Assistant

| Required course: | | Units |
|------------------|-----------------|-------|
| NRS 101 | Nurse Assistant | 5 |

Employment Opportunity

Certified nurse assistant, acute care nurse aide

Total Units 5

Skill Award Level Student Learning Outcomes

Students completing the Nurse Assistant Skill Award will:

1. Communicate in English verbally and in writing using appropriate medical terminology.
2. Collect, calculate and interpret observations.
3. Develop problem-solving skills and make appropriate decisions regarding a variety of situations.
4. Provide culturally specific healthcare to all people.
5. Develop the ability to use and adapt to current technologies used in the healthcare setting.
6. Provide patient care that falls within the scope of practice as set forth by the California Department of Health Services.

Office Clerk

The Office Clerk Skill Award is given upon completion of a series of courses that provide the student with entry-level office skills and employment training for entry-level positions in the business office environment.

| Required courses: | | Units |
|-------------------|---|-------|
| OFF 260 | Computer Keyboarding and Document Processing | 3 |
| OFF 101 | Introduction to Microsoft Office Applications | 3 |
| OFF 281 | Filing and Records Management | 3 |

Total Units 9

Skill Award Level Student Learning Outcomes

Students completing the Office Clerk Skill Award will:

1. Understand and utilize filing procedures.
2. Examine incoming materials and code it numerically, alphabetically or by subject matter.
3. Enter data electronically in various storage devices.
4. Use correct spelling, grammar, and punctuation in prepared documents.

How Do I Earn a Noncredit Certificate of Competency from Citrus College?

Programs of Study Leading to a Noncredit Certificate of Competency

Noncredit certificates of competency represent sequences of courses in English as a Second Language (ESL). In ESL, the certificates allow the student to develop individual competencies based upon their personal educational goals and objectives. All of these certificates provide the students an opportunity to gain skills necessary to advance in their career, transition into a new career, transition to credit ESL, or prepare for future academic studies and training.

Students and community members who are interested in taking noncredit classes are encouraged to call the Noncredit and Community Education office at 626-852-8022 or visit the office, which is located in the Lifelong Learning Center. Noncredit students must apply online at <http://www.citruscollege.edu/ce/apply> and make an appointment with the noncredit counselor to set up an educational plan. The counselor can be reached at 626-852-6445.

Programs of Study Leading to a Certificate of Competency

English as a Second Language (Beginning)
 English as a Second Language (Intermediate)
 English as a Second Language (Program Completion)

English as a Second Language (Beginning)

The English as a Second Language (Beginning) Certificate of Competency introduces the essential language and life skills needed to function in American society. This program teaches the performance of basic life skills through reading, writing, speaking, and listening in American English.

Students must pass the following courses (65% attendance required for course completion)

| | |
|--------|-------------------------------|
| NC 305 | ESL Multiskills - Beginning 1 |
| NC 306 | ESL Multiskills - Beginning 2 |



A Citrus College staff member assists noncredit students with paperwork

Certificate of Competency Level Student Learning Outcomes

Students completing the English as a Second Language (Beginning) Certificate of Competency will:

1. Perform basic or "survival" life skills through reading, writing, speaking, and listening in American English.
2. Transfer into credit ESL instruction at the Level 3 stage of coursework or continue in noncredit instruction in NC 307 ESL Multiskills - Intermediate 1.

English as a Second Language (Intermediate)

The English as a Second Language (Intermediate) Certificate of Competency expands on language and life skills learned in the English as a Second Language (Beginning) Certificate of Competency through more comprehensive and complex coursework. This program brings students to the advanced level of English acquisition and enables them to improve their occupational, academic, or personal status.

**Students must pass the following courses
(65% attendance required for completion)**

NC 307 ESL Multiskills - Intermediate 1
NC 308 ESL Multiskills - Intermediate 2

**Certificate of Competency Level Student
Learning Outcomes**

Students completing the English as a Second Language (Intermediate) Certificate of Competency will:

1. Perform more complex language and life skills through the use of reading, writing, speaking, and listening in American English.
2. Transfer into credit ESL instruction at the Level 4 stage of coursework or continue in noncredit instruction in NC 309 ESL Multiskills - Advanced.

**English as a Second Language
(Program Completion)**

The English as a Second Language (Program Completion) Certificate of Competency brings students to the level of near-fluent. This program prepares students to communicate with native English speakers, enter into ESL credit instruction at the Level 5 stage of coursework, and improve their occupational status.

**Students must pass the following courses
(65% attendance required for completion)**

NC 307 ESL Multiskills - Intermediate 1
NC 308 ESL Multiskills - Intermediate 2
NC 309 ESL Multiskills - Advanced

**Certificate of Competency Level Student
Learning Outcomes**

Students completing the English as a Second Language (Program Completion) Certificate of Competency will:

1. Demonstrate readiness to communicate with native English speakers and use authentic English discourse.
2. Transfer into credit ESL classes at the Level 5 stage of coursework, into the college level coursework, or into an English speaking occupation.



Ribbon cutting for the Lifelong Learning Center, 1998



Lifelong Learning Center, 2014

Does Citrus College Offer Courses for Growth & Development? Noncredit and Community Education

Continuing Education

Citrus College Continuing Education offers lifelong personal and professional development opportunities to members of the community. Classes are designed to sharpen professional skills or help students learn new activities they can enjoy in their leisure time. Continuing education classes provide opportunities for learning that enrich the lives of individuals and improve the quality of living in our community.

Noncredit Education

Noncredit education supplements students' continued growth and job skills development through classes that include basic skills, career development, health and fitness, vocational preparation and job retraining. Enrollment in noncredit classes is free and continues throughout the school year. See pages **268-275** for a list of available classes. All noncredit classes offered are subject to budget and enrollment.

Potential Citrus College students who are undecided about college may begin or continue their college experience with noncredit classes. Counseling services are available from the Counseling and Advisement Department. To schedule an appointment with a noncredit counselor, call (626) 852-6445.

Noncredit education provides English as a Second Language (ESL) classes in the traditional classroom format for limited English speaking students.

Visit the Continuing Education department in the Lifelong Learning Center or call (626) 852-8022 for more information.

Getting Started: Noncredit Admission and Class Registration

<http://www.citruscollege.edu/ce/apply/Pages/default.aspx>

STEP 1: Applying for Noncredit Admission

First-time applicants must create a NEW User Account if applying online for the first time. Returning noncredit students who have previously applied online must log in as a RETURNING User.

- Applicants are required to have an email account in order to complete their applications.
- Complete and submit the application; be sure to click the APPLICATION IS COMPLETE link.
- Important: Print the acknowledgement page for your records. The acknowledgement page includes your Citrus College Identification Number, which is needed to register for classes and access WingSpan.
- Check WingSpan in 24 hours after your application is submitted to view and activate your Citrus College email account.

STEP 2: Registering for Noncredit Classes

After the application is completed and submitted, wait one hour, then go to WingSpan to register for classes. The Citrus College Identification Number and the PIN used to create the application in Step 1 is needed to access WingSpan.

- Refer to the Noncredit and Community Education class

schedule for course listings and additional information. Class schedules are available online at: <http://www.citruscollege.edu/ce/apply/Pages/default.aspx>

Community Education

Citrus College Community Education offers lifelong personal and professional development learning opportunities to members of the community. Moderately-priced classes, workshops, seminars and activities are available for persons who want to develop their professional skills, start or grow a business, enrich their cultural experiences, their lives and their relationships, or participate in entertainment and recreational activities.

The college also partners with ED2Go and GES Career Training Programs to help students prepare for rewarding careers through online classes.

Customized training is also available for businesses and organizations that have staff development needs.

Community Education classes, activities and events are available on days and at times that meet the needs of today's active adults. Class lengths vary from a few hours to several meeting dates.

Community Education classes are supported by fees collected from course participants. Class schedules, published three times per year, are mailed to Citrus Community College

District residents and can be accessed online at www.citruscollege.edu/ce

Registering for Fee-Based Community Education Classes

Members of the community who are interested in taking fee-based community education courses must pre-register prior to taking a class. Pre-registration for Community Education classes is mandatory. It secures a student's space in a class, determines if a class will be held or cancelled, and allows students to be notified if a class is cancelled. All classes are subject to change at the discretion of Community Education Department. There are four convenient ways to register for Fee-Based Classes.

1. Online

Students may register and view the current selection of classes, by clicking on citruscollege.augusoft.net Create an account, click on "courses," search for classes, and register. Further information on fee-based class online registration is available on the Community Education webpage, Online Registration Instructions.

2. Mail

A registration form is available in the printed class schedule. Please print clearly and provide all of the information requested on the form to ensure quick registration process. Fees can be paid by credit card, check or money order, payable to Citrus College. Payments can be mailed to:

Continuing Education Office
Citrus College
1000 W. Foothill Blvd.
Glendora, CA 91741-1899



The Fitness Center, located in the Adapted Physical Education Center, offers fitness classes for students, college employees and community members.

3. Phone

Registration by phone is available, and VISA or MasterCard is accepted. Call (626) 852-8022, Monday through Thursday from 8 a.m. to 9 p.m., and Friday from 8 a.m. to 12 p.m.

4. Fax

Students may fax their registration form any time, along with a payment from VISA or MasterCard. Complete the registration form found in the printed schedule and fax to (626) 852-8028.

5. In Person

Students may register in person at the Continuing Education Office. The office is located in the Lifelong Learning Center, Monday-Thursday from 8 a.m. to 9 p.m., and Friday from 8 a.m. to 12 p.m.

Citrus College Institutional Learning Outcomes

Institutional outcomes are not limited to students in programs and services, but may apply to the broader community served by the college. Institutional outcomes demonstrate commitment to the college mission, which is presented on page 8 of the college catalog.

Institutional Outcomes: Citrus College fosters a diverse educational community and cultural learning environment that supports student success in the six areas of core competencies adopted by the college in order to assure an informed and ethical citizenry. The six areas of core competency are: communication; computation; creative, critical, and analytical thinking (informational competency); community/global consciousness and responsibility; technology, and discipline/subject areas specific content material. These areas are presented on page 66 of the college catalog.

Academic Excellence (General Education): Students transferring or completing degrees or certificates from Citrus College must demonstrate effectively assessed learning in the six areas of core competency.

- Instructional programs and services
- Student Support Services
- Institutional Support

Economic Opportunity (Career and Technical Education): Participants preparing for employment and/or career advancement demonstrate effectively assessed learning in the six areas of core competency adopted by the college.

- Instructional programs and services
- Student Support Services
- Institutional Support

Foundational Skills for Student Success (Basic Skills): Participants engaged in development of foundational skills for student success demonstrate effectively assessed personal achievement in the six areas of core competency adopted by the college.

- Instructional programs and services
- Student Support Services
- Institutional Support

Administration of Justice

- Demonstrate an ability to write clearly and accurately about the administration of justice process using appropriate vocabulary
- Demonstrate critical and analytical thinking about issues in the administration of justice system
- Evaluate emerging case law and landmark decisions of the courts
- Demonstrate a comprehension and appreciation of the connections, contributions, experiences, and potential conflicts of various ethnicities, races, and genders as they interact with the criminal justice components
- Demonstrate an awareness of sciences and emerging technologies as it impacts the

administration of justice components

- Demonstrate an understanding of the administration of justice system and how the student as an individual understands career opportunities in the field as well as individual /community rights and responsibilities
- Demonstrate an awareness of crime causation, roles of the components of the administration of justice system, and social and economic impact of crime on society

Anthropology

- Demonstrate analytical and critical analysis skills using college-level vocabulary and writing skills
- Analyze a variety of behavioral science research designs

- Demonstrate analytic thinking by comparing and applying anthropological theories and concepts to human culture
- Demonstrate recognition and analyze examples of ethnocentrism, xenocentrism, and cultural relativity for the purpose of understanding the dangers of prejudice and to develop appreciation of diversity of cultures around the world
- Demonstrate use of technology as a source of information for purposes of academic research and to facilitate synchronous and asynchronous communication found in a variety of program courses, labs, and online databases in order to improve digital skills necessary in a global environment
- Explore anthropological concepts such as language, culture, human use of material items, and humans from a biological construct to benefit from seeing the world through an anthropological culturally relative viewpoint

Art - Fine Arts

- Utilize proper vocabulary in the study and discussion of visual arts and art history in order to prepare for advanced study in visual arts and art history and university transfer
- Analyze, create, notate and perform examples in a variety of styles within a studio environment for the advancement and perfection of skills that are required in order to prepare for advanced study in visual arts and art history, university transfer and performance (music industry) and university transfer
- Research, identify, and evaluate historical periods in art history for a heightened awareness of human expression
- Prepare for the rigors of research required by a four-year institution through research assignments, slide identification, and museum papers
- Recognize how society world views influence visual arts and art history traditions in order to demonstrate an individual's ability to draw conclusions based upon philosophical considerations and an understanding of how one can influence his/her immediate community, increase awareness of one's personal impact upon that community, and the documentation of findings
- Implement current computer software as tools to further the creation of art and utilization

of the Internet as a research and broadcast vehicle for the reinforcement, development, application and/or improvement of computer related and research skills

- Demonstrate competency in all levels of visual arts and art history from introductory to advanced

Astronomy

- Use astronomy in the news to explain astronomical objects and processes to their peers to help improve understanding of current astronomical research
- Estimate and/or calculate the characteristics of astronomical objects, and understand the meaning of these calculations in order to better understand the natural processes that produce these characteristics
- Formulate scientific hypotheses in order to distinguish between scientific and non-scientific questions and methods
- Develop an understanding of relevant astronomical process as well as processes from related sciences (e.g. physics, geology, chemistry) and apply these processes to predict the properties of astronomical bodies
- Understand the size and scale of the universe to better appreciate the Earth's place within it

Automotive Technology

- Acquire skills pertinent to industry-level national certification exams in the transportation industry
- Exit the program with a personal/professional commitment to uphold the high standards and uplift the integrity of the automotive industry
- Utilize knowledge acquired in the Automotive Technology Program to maximize employment potential in the industry through successful completion of course level outcomes

Biology

- Demonstrate an understanding of biological concepts through written and/or oral assignments and activities
- Acquire scientific information from multiple sources including textbooks, the Internet, personal communication with professionals in the field, educational computer software

- Estimate and/or calculate the characteristics of biological systems and demonstrate an understanding of these calculations in order to better understand the natural processes that produce these characteristics assessed through quizzes, exams, and other related assignments
- Develop an understanding of relevant biological processes as well as processes from related sciences (e.g. physics, geology, chemistry) and apply these processes to predict the properties of biological systems
- Examine how human activity has contributed to positive and negative changes in the environment to better understand and discuss past, current, and future environmental issues

Business

- Promote the development of organizational skills, such as networking, writing, speaking, and listening skills that lead to effective communication within and between organizations
- Develop an understanding of the financial and investment priorities of individuals and organizations as impacted by financial institutions/markets and changing economic conditions
- Encourage the development of critical and analytical skills within students through readings, lectures, discussions, exams, case studies, and projects
- Promote the understanding of and appreciation for the ethical behavior and social responsibility of individuals, organizations, and institutions within the global community
- Demonstrate an understanding of the impact that the global environment has on today's organizations
- Understand how the functions of management (planning, organizing, leading, and controlling) impact organizational performance
- Create understanding of the environments that impact organizational growth and job creation. Those factors are the economic and legal, the technological, the competitive, and the social environments

Chemistry

- Formulate knowledge of chemical processes for use in professional fields related to the discipline
- Develop knowledge of elements and the synthetic process of compounds as used in the chemistry discipline
- Analyze and understand relevant chemical processes as well as related sciences (biology and physics) and logically apply them to the professional disciplines
- Utilize the most current technological tools (computers, IR Spectroscopy) to assist in the study and development of processes related to the chemistry discipline

Child Development

- Acquire knowledge, communication, and foundational teaching skills necessary to work in the teaching profession
- Identify, analyze, and apply theories of early childhood education and child development
- Apply ethical standards and professional behaviors that demonstrate an understanding, knowledge, and a deepening commitment to the child development profession and early childhood education
- Demonstrate global consciousness to work with diverse cultures, families, and individuals and teach children
- Acquire knowledge and foundational teaching skills necessary to work in the teaching profession
- Apply effective guidance and teaching strategies that support social growth, learning, and identity development and promote self-confidence
- Design, implement and evaluate environments and activities that support positive relationships, social skills and learning outcomes for children

Communications (Journalism)

- Interpret and critically assess a variety of media messages, including those that reflect multicultural perspectives in order to make connections, critically compare and contrast ideas, and produce written, oral, and visual messages
- Identify and apply criteria for distinguishing fact from opinion and demonstrate awareness and sensitivity and biases in messages in order to produce communication that are accurate, objective, fair, and balanced
- Understand and apply ethical and legal principles of professional communications organizations in order to cultivate trust, responsibility and credibility

Computer Science and Information Systems

- Demonstrate comprehension of essential hardware, software and computer system terminology. Become familiar with, and able to use prompts, commands, menus, and dialog boxes to interact with computers
- Organize computer-based documents into files and folders using one or more operating systems.
- Achieve at least basic familiarity with various Windows-based applications, including word processing, spreadsheets, presentation graphics and databases
- Increase verbal communication skills. Improve the ability to summarize ideas and distill main concepts
- Work extensively with arithmetic computations and operations related to program structure, recursive functions, data manipulation, binary trees, polymorphisms, problem analysis and algorithm design
- Improve skills in critical and analytical thinking while working in areas including problem analysis and algorithm design, operands and arguments, stack abstract data manipulation, heap manipulating, linked lists, binary trees, polymorphisms, and the effective use of contemporary compilers to design, debug, execute and deploy programs

Cosmetology

- Become familiar with terminology related to the cosmetology industry and explain procedures, processes, and health and safety hazards to clients
- Determine the appropriate formula, ratios, and percentage of chemical compounds used during procedures
- Identify the appropriate procedure, processes, and supplies necessary for client service
- Develop the industry skills necessary to pass the California State Board of Barbering and Cosmetology exam

Counseling (Instruction)

- Self-advocate to meet academic, personal and career goals by successfully communicating with campus faculty and staff
- Demonstrate knowledge of skill awards, vocational certificates, associate degrees and transfer options to classify educational goal
- Achieve academic, personal, and career goals to examine self-esteem and personal awareness by effectively working with the college counselor/instructor through variety of assessments and assigned activities
- Identify campus and/or community services to appropriately apply them toward educational goals
- Develop a global appreciation and respect for diversity and cultural differences for the purpose of examining world communities and developing intercultural awareness
- Demonstrate the ability to identify, analyze, and gather specific information about occupations, career opportunities and trends to increase understanding of the relationship of the student to the economic community and develop career plans
- Examine topics related to student success so that they can categorize learning styles, personal strengths, and career interests
- Demonstrate knowledge and proficiency of technology to gain an increased understanding of matriculation and student services
- Demonstrate proficiency in the application of online resources such as career and transfer websites, distance education, library services and self-assessments to meet their academic goal

Dance

- Convey artistic intentions of movement and dance
- Display creative awareness of dance
- Exhibit perspective on historical and stylistic components of dance
- Demonstrate a functional knowledge of alignment, ballet, tap, jazz and modern dance techniques through the beginning and intermediate level
- Demonstrate competency in dance performance skills and ability

Dental Assisting, Registered

- Use correct dental terminology and nomenclature in the correct context in order to effectively communicate dental information and concepts to others
- Develop problem-solving and self-assessment skills and make appropriate decisions regarding a variety of procedural situations
- Demonstrate the ability to interact with patients and work effectively as a member of the dental team
- Maintain the standard of care during dental treatment and promote oral health
- Develop the ability to use and adapt to current technology used in dental practices
- Demonstrate proficiency in the current duties of an RDA, practicing within the delegated duties (scope of practice)
- Develop foundational knowledge of dental procedures and the ability to communicate and apply their concepts and principles

Drafting and Design Technology

- Describe effective drafting techniques including graphic communication, orientation, and decision making
- Demonstrate the ability to estimate time, material, labor and equipment for design and working drawings
- Demonstrate planning techniques and administration of document control for design and working drawings
- Think logically and coherently about technical issues and gain an appreciation for the global social and political impact of technical endeavors
- Use technology to prepare hand drawings,

Computer Aided Drawings (CAD), and multimedia presentations

Earth Science

- Use proper vocabulary and notation when describing scientific concepts pertaining to Earth's processes and environments. Read scientific books, journals, or articles and critically analyze scientific information. Communicate to others information about our Earth's processes and environments
- Develop an understanding of, and curiosity toward, the natural world. Develop the skills necessary to synthesize and analyze scientific material pertaining to the Earth's processes and environment, checking for its validity and accuracy
- Demonstrate an understanding of the natural world that will increase community and global awareness of environmental concerns to be set on the path of lifelong learning

Economics

- Analyze the characteristics of an industry to determine its degree of competition and the type of market structure
- Use technology and math in the calculation of costs of production and determining a corresponding level of production and price given the type of market in which a firm is operating to prepare the students for success in upper division economics and business classes
- Demonstrate understanding the workings of a market including demand, supply, and the price system by predicting changes to demand, supply, and prices as a result to events, graphing curves, calculation of quantities and prices for evaluating information analytically and making better decisions in business
- Identify conditions that would result in market failure such as pollution, inequality in the distribution of income, market power, and lack of public goods to formulate coherent opinions about public policies and promote active citizenship
- Use the computer for research, computation, and word processing for written reports, conducting online quizzes, graphing, solving problems, and communicating when collaborating with their peers to become aware of available tools and resources

- Demonstrate understanding of the concepts of scarcity and choice, which define the field of economics to make better decisions as consumers and in business
- Locate, organize, and analyze information regarding the measurement of the macro economy using technology, basic math skills, and computer proficiency and present the findings
- Compare and contrast the main theories that explain macroeconomic activities including recessions, expansions, employment, and inflation and to show the differences using graphs and calculations to demonstrate an understanding of government policy and its implications in these areas
- Develop an understanding of the theories and patterns of international trade and its effects on societies in terms of standards of living, productivity, labor markets and the environment to promote respect for others and cultural awareness
- Use the computer for research, computation, and word processing for written reports, conducting online quizzes, graphing, solving problems, and communicating when collaborating with their peers to become aware of available tools and resources

Emergency Medical Technician

- Use correct medical terminology and nomenclature in the correct context in order to effectively communicate health/medical information and concepts to others
- Demonstrate an understanding of the ethical responsibilities of EMS and other healthcare providers
- Calculate various I.V. drip rates for patients undergoing I.V. therapy
- Develop problem solving and self-assessment skills and make appropriate decisions regarding a variety of procedural situations
- Identify the signs and symptoms of common medical emergencies related to various body systems
- Demonstrate the ability to interact with patients and work effectively as a member of the emergency medical services team
- Discuss various EMS systems both local/state and international
- Develop the ability to use and adapt to current

technology used in emergency medical services practices

- Demonstrate understanding of administering patient prescribed drugs to patients
- Demonstrate proficiency in the current duties of an EMT, practicing within scope of practice

English

- Become college level writers who critically analyze and synthesize source material by producing argumentative essays in response to readings
- Become informed, thoughtful writers who are respectful of diverse perspectives and demonstrate cultural awareness, personal responsibility, and ethical behavior

English as a Second Language (ESL)

- Read analytically and critically at the college level
- Write in grammatically correct English with clarity and fluency
- Listen actively and speak articulately.
- Research and synthesize information on topics using library and Internet sources
- Analyze and self-correct grammatical, semantic, and lexical errors
- Participate appropriately in an American college classroom by demonstrating cultural awareness, personal responsibility, and ethical behavior

Esthetician

- Understand the components of creating a professional atmosphere
- Develop confidence, proficiency and appreciation for the specialized knowledge required for a lucrative career within a professional environment
- Recognize facial treatment philosophies
- Master the art of makeup design and hair removal to ensure success in the industry
- Successfully complete 600 hours and pass the California State Board exams

Foreign Languages

- Communicate (write, speak, listen, read) in the target language
- Analyze literary texts
- Be conversant about the target language cultures and demonstrate scholarly behavior in all campus interactions

Forestry (Wildland Resources)

- Express knowledge of scientific terminology as it relates to the management of wildland and other renewable resources
- Collect and interpret data, tables, and graphs to demonstrate an understanding of the types of data available in the realm of wildland resources
- Generate scientific hypotheses to distinguish between scientific and non-scientific questions and methods that relate to wildland resources to meet the emerging mandates for conservation, biodiversity, ecosystem management, and long-term sustainability
- Examine how human activities have contributed to changes in the wildland environment to better understand and discuss past, current, and future issues related to wildland resources
- Select and use appropriate scientific apparatus

History

- Demonstrate an ability to write clearly and accurately about the historical process using an appropriate vocabulary
- Demonstrate critical and analytical thinking about historical themes to compare and contrast time periods or groups of people and their experiences
- Demonstrate an ability to evaluate primary and secondary sources to contextualize the course material
- Demonstrate a comprehension and appreciation of the connections, contributions, and experiences of various regions, ethnicities, races and genders in the creation of the modern world to develop a pluralistic perspective
- Demonstrate quantitative knowledge of important historical patterns, processes, developments, figures and events to comprehend the chronology of historical events and patterns and their impact on developing societies

- Demonstrate an understanding of the historical process and how the student as an individual relates to developments that have created modern societies

Humanities

- Demonstrate understanding of cultural geographical issues and vocabulary for purposes of successfully navigating a transferable level course
- Use the terminology of logical analysis or other argumentative skills to evaluate cultural geographical arguments, in order to formulate a well-reasoned philosophical thesis, and to demonstrate critical thinking skills
- Develop tolerance and respect for religious and cultural geographical views different from one's own by showing awareness of possible objections to one's own view, using college level vocabulary and proper grammar
- Read original philosophical texts from a wide range of the history of humanities, to show understanding of major philosophical issues appropriate to a transferable course
- Become acquainted with the rich variety of religious traditions and demonstrate knowledge of them to show ability to operate in a global environment of diverse traditions

Information Technology

- Use and possess broad-based knowledge of information and concepts related to installing and maintaining computer hardware, installing and maintaining computer networks, and solving computer hardware and network problems
- Apply knowledge and skills in diverse areas of information technology in order to certify in various industry certifications
- Have the knowledge, skill and behaviors necessary to obtain an entry-level position as a computer hardware installer/technician, computer network technician, field service technician, network and communication specialist/technician or other related field of information technology

Kinesiology – Physical Education Competitive Athletics

- Demonstrate an appreciation of diversity in society, develop awareness of diverse cultures and apply sensitivity, respect, and empathy toward others through direct interaction with others during training and competition
- Demonstrate understanding and adopt acceptable means for enjoying team activities and competition by learning to play by correct rules and by employing proper decorum
- Improve knowledge and encourage the implementation of lifelong physical activity and wellness to promote a healthy lifestyle through training and competition
- Analyze and demonstrate training methods to increase students' preparation for lifelong fitness through training and competition
- Enhance knowledge of rules and regulations of sports to reflect an appreciation of individual and team activities through competition
- Analyze and evaluate practice and game situations that allow students to demonstrate problem solving skills that they will utilize throughout their lives
- Utilize video/computer recordings to analyze skill development to enhance training and improve performance during competition
- Utilize video/computer recordings to analyze team practice and competition strengths and weaknesses to develop strategies for successful performance during competition
- Execute advanced skill techniques required to participate in athletics at the intercollegiate level
- Demonstrate an understanding of the rules of the sport in which they participate
- Demonstrate the use of proper attitude regarding team cooperation, sportsmanship, coachability and competitiveness
- Improve muscular strength, endurance, flexibility, body composition and cardiovascular endurance through training and competition
- Promote self-esteem and enjoyment of body movement through participation in individual and team sports

Kinesiology – Physical Education

- Analyze and appropriately adjust the intensity of a workout in accordance with personal target heart rate zone related to ACSM (American College of Sports Medicine) guidelines to achieve maximal benefit
- Exhibit awareness and identify the dimensions of health and recognize positive characteristics of each dimension in order to live a more healthy lifestyle
- Demonstrate competency in physical education fundamental techniques to improve individual sport-specific skills
- Synthesize feedback received from game play, instructor feedback and assessment to develop an understanding of current skill level and areas for growth
- Determine current level of fitness as measured by one or more of the following tests: resting heart rate, blood pressure, sit and reach flexibility, skin fold measurements, muscular endurance tests, and cardiovascular sub-maximal tests

Mathematics

- Use proper vocabulary and notation when describing mathematical concepts; be able to read books and documents and extract quantitative information
- Develop level-appropriate computational skills: numeric calculation, evaluation of expressions, analysis of data and application of concepts
- Develop an understanding of, and curiosity toward the physical world
- Develop the analytic skills to devise questions and propose quantitative solutions
- Demonstrate computational skills and an understanding of mathematical reasoning that will increase self-esteem and set them on a path of lifelong learning
- Be adept at using instructional software found by navigating the Web and the Windows environment
- Perform mathematics functions at a level appropriate to the course. This "level" may range from arithmetic through differential equations and may include statistics, teacher prep and other topics

Music – Commercial

- Convey artistic intentions of music through successful completion of practicum applications of various stylistic techniques
- Apply computational skills necessary for analysis of musical scores and underlying musical structure
- Display creative awareness of music through individual performance and ensemble techniques.
- Exhibit perspective on historical and stylistic components of music
- Utilize technological instrumental music instructional tools (i.e. digital tuners and metronomes, computer based accompaniment systems) and instrument specific performance technology (i.e. amplification and microphone technique)
- Demonstrate a functional knowledge of performance and practice techniques through the beginning and intermediate level

Music – History & Theory

- Utilize proper vocabulary in the study and discussion of music theory and history
- Identify, and evaluate historical periods in Western music and analyze, create, notate and perform musical examples in a variety of styles within "classical traditions"
- Demonstrate a heightened awareness of human expression through the art of music and the advancement and perfection of skills that are required
- Recognize how society world views influence musical traditions in order to gain an awareness of the interrelationship of culture and music
- Demonstrate the ability to implement notational, ear training, and/or specialty software (online) for the reinforcement, application and/or improvement of aural skills in music analysis and performance

Music – Instrumental

- Convey artistic intentions of music through successful completion of practicum applications of various stylistic techniques
- Display creative awareness of music through individual performance techniques
- Exhibit perspective on historical and stylistic components of music

- Demonstrate the ability to utilize technological instrumental music instructional tools (i.e. digital tuners and metronomes, computer based accompaniment systems) and instrument specific performance technology (i.e. amplification and microphone technique)
- Demonstrate a functional knowledge of performance techniques and practice techniques through the beginning and intermediate level

Music – Vocal

- Demonstrate an understanding of basic vocal music, vocal vocabulary, and an appropriate variety of vocal styles in order to prepare for advanced study in music, university transfer, and performance (music industry)
- Recognize standards in categories such as intonation, harmonization, vocal blend, and tone color
- Understand and evaluate the musical and cultural significance, and organizational structure of vocal compositions for a greater ability to assimilate all vocal music in future studies (university work skills and/or performances)
- Generate relationships with the community, develop individual strengths and effective group interdependence to improve citizenship and cultural awareness, develop leadership and respect for others
- Demonstrate personal vocal growth and musicianship skills to improve necessary skills for university transfer and advancement as a professional in the music industry

Natural History

- Articulate an understanding of biological, ecological, geological, and climatological processes and use scientific terminology for the purpose of understanding human's role in the region
- Evaluate information released from various federal, state, and local agencies regarding the utilization and protection of the natural environment
- Explore energy flow mechanisms to explain the diversity of living organisms in a variety of ecosystems
- Analyze the intra- and interspecific actions and relationships among living organisms

- Investigate genetic variations and adaptations among plant and animal species to understand natural selection and evolution
- Examine how human activities in diverse cultures have contributed to positive and negative changes in the environment to better understand and discuss past, current, and future environmental issues

Noncredit and Community Education

- Noncredit basic skills learners will successfully articulate into credit instruction
- Noncredit ESL learners will enhance their written and verbal communication skills, leading to increased personal and professional growth
- Noncredit and Community Education instruction will improve the learner's life skills, employability, physical wellness, overall sense of well-being, and/or offer personal enrichment

Nurse Assistant

- Communicate in English verbally and in writing using appropriate medical terminology
- Collect, calculate and interpret observations
- Develop problem-solving skills and make appropriate decisions regarding a variety of situations
- Provide culturally specific healthcare to all people
- Develop the ability to use and adapt to current technologies used in the healthcare setting
- Provide patient care that falls within the scope of practice as set forth by the California Department of Health Services

Office Technology

- Develop reading, writing, business grammar, punctuation and communication skills
- Purchase items online through electronic commerce and through utilizing telecommunications to increase technological skills for the office
- Develop database management skills to create tables, forms, queries, and reports for records within an organization
- Emphasize non-correspondence records, information storage, and retrieval systems and manage records retention, disposition, and the operation of a records management program

- Keyboard accurately utilizing proofreading and editing skills as well as creating, formatting and editing business documents
- Increase knowledge of Windows, Office 2007 which includes Microsoft Word, Excel, Access, PowerPoint and Outlook through hands-on training
- Apply job research skills, enhance telephone and business etiquette, develop teamwork and customer rapport, and increase interviewing skills through the Professional Development Series courses
- Demonstrate knowledge of basic Windows operations, use of Blackboard management system for online education, and utilization of multimedia software and equipment to ensure relative training for the 21st century

Philosophy

- Demonstrate understanding of philosophical issues and vocabulary using college level vocabulary and proper grammar, for purposes of successfully navigating a transferable level course
- Demonstrate ability to read analytically and critically use college level vocabulary and proper grammar, for purposes of successfully navigating a transferable level course
- Discriminate between controversial and non-controversial claims using college level vocabulary and proper grammar, to show awareness of the need for a reasoned support of any controversial claim
- Use the terminology of logical analysis or other argumentative skills to evaluate philosophical arguments in order to formulate a well-reasoned philosophical thesis, and to demonstrate critical thinking skills
- Develop tolerance and respect for religious and philosophical views different from one's own by showing awareness of possible objections to one's own view using college level vocabulary and proper grammar
- Read original philosophical texts from a wide range of the history of philosophy, to show understanding of major philosophical issues appropriate to a transferable course
- State a philosophical thesis clearly, support it with arguments and examples, and anticipate and respond to reasonable objections using college level vocabulary and proper grammar, in order to show the ability to formulate a well-reasoned philosophical thesis

- Apply methods of formal logical analysis to test the validity of argument to show understanding of the value of formal methods appropriate to a transferable critical thinking course
- Become acquainted with the rich variety of religious traditions using college level vocabulary and proper grammar, to show ability to operate in a global environment of diverse traditions

Photography

- Utilize photographic techniques for creative application in capturing emotion and thought through photography
- Create a variety of projects utilizing basic photographic knowledge in traditional and digital formats
- Examine and evaluate gallery and museum exhibitions, photography documentaries, periodicals and books
- Demonstrate computer proficiency in specialized programs related to photography and demonstrate the ability to translate traditional photography techniques to digital
- Review, analyze and critique photographic work in terms of compositional elements including focal field, rule of thirds, leading lines, depth of field, lighting and exposure

Physics

- Use proper vocabulary and notation when describing physics concepts. Communicate these concepts to others both verbally and in written form including verbal, pictorial, graphical, and mathematical
- Critically analyze scientific information found in print, visual, or online media such as scientific and non-scientific books, journals, articles, web pages, television, and film
- Apply physics concepts in mathematical form using the appropriate computational skills for the course, including numeric calculation using algebra, graphical analysis, and/or the evaluation of calculus expressions
- Demonstrate an understanding of the fundamental principles of physics
- Develop problem-solving, decision-making, and critical thinking skills and apply them to develop an understanding of interactions in the physical world

- Distinguish between scientific and non-scientific questions and methods and understand science as a process
Think logically and coherently about technical/scientific issues in order to understand the complex problems involved in science and engineering and to gain an appreciation for the global social and political impact of scientific endeavors
- Use computers for word processing, data analysis, tutorials, simulations, and/or web-based research as appropriate for each course
- For laboratory courses, demonstrate fundamental aptitudes in the proper use of mechanical, electrical, and/or other appropriate devices

Political Science

- Utilize college-level articulation to judge different behavioral science research designs to develop communication skills needed for transfer level course work
- Demonstrate analytical and critical analysis skills using college level vocabulary and writing skills for the purposes of successfully navigating a transferable level course
- Demonstrate proficiency in analyzing numerical data in order to critique historical data and to gain perspective of the role of data in historical research and research methodology
- Analyze basic concepts which have been embodied in the structure of governments and governmental systems to develop an understanding of the functions of governments
- Analyze the forms of government in terms of civil and human rights as well as international relationships to develop an understanding of the impact of the political process on society
- Identify and analyze the environmental, cultural, historical and social factors effecting the development of political systems today to develop an understanding of political systems
- Demonstrate technological skills such as word processing, electronic messaging, and navigating through the Internet, synchronous and asynchronous discussions, electronic database research and/or other computer based assignments to improve technology skills necessary in a world that relies on increasing technology to gain information and as a means of communication

- Identify and analyze the types of problems associated with political and economic development in society to develop an understanding of the study of political science
- Analyze the political theorists and philosophies that have given rise to governmental systems to develop an understanding of the study of political science

Psychology

- Demonstrate analytical and critical analysis skills using college level vocabulary and writing skills for the purposes of successfully navigating a transferable level course
- Demonstrate proficiency in analyzing or manipulating numerical data in order to critique scientific study to gain perspective of the role of data in psychological research and research methodology
- Analyze a variety of behavioral science research designs to develop critical analysis needed for transfer level coursework
- Demonstrate analytic thinking by comparing and applying psychological theories to human behavior to relate classroom theory to real-world examples
- Demonstrate proper use of basic word processing and computing skills through research, synchronous and asynchronous communication, and written essay to access information available only through technological means to improve technology skills necessary in a global environment
- Explore issues of efficacy and self-exploration to benefit from the unique content of course work in psychology

Public Works

- Describe and explain the fundamentals of street maintenance
- Describe and explain the ability to read and interpret plans
- Properly demonstrate a clear understanding of inspection records, duties, and job diary techniques
- Demonstrate a clear understanding of codes and ordinances
- Explain how to effectively use resources to administer infrastructure maintenance
- Demonstrate knowledge of equipment and techniques used for street maintenance
- Explain preventative methods and materials,

emphasizing the importance of the need for longevity, in street construction and maintenance

Recording Technology

- Communicate effectively using proper vocabulary in written and verbal form to facilitate the technical and creative outcomes of a product
- Apply acoustic concepts and mathematical formulas to demonstrate understanding of wave theory, room acoustics, materials, and microphone and speaker placement
- Demonstrate understanding of the fundamental principles of audio through developing critical

Sociology

- Communicate knowledge of sociological theory and social research in order to better understand and explain the social world
- Develop an understanding of human behavior in the social context in order to understand the nature of human action
- Identify the structure of groups, organizations, or societies in order understand how the social structure influences social life
- Apply sociological theory and research to evaluate culture, social patterns, social interaction, and human behavior
- Employ sociological concepts to examine society and everyday life in order to acquire the conceptual tools needed to analyze the complexities of social life
- Analyze the social interactions and relationships that shape beliefs and practices for the purposes of understanding how beliefs and practices are produced and reproduced
- Analyze the patterns in society in order to understand the factors that shape society
- Demonstrate an ability to think sociologically about social problems in order to understand the social forces that cause those problems
- Develop an understanding of cultural, social and political views different from one's own by showing awareness of possible objections to one's own view
- Recognize the factors that contribute to social stratification in order to explain how social inequality is produced and reproduced
- Develop an ability to critically analyze ideologies for the purpose of understanding belief systems

- Read sociological texts and demonstrate comprehension to show understanding of major sociological issues
- Apply methods of social research and analysis to social life and develop an understanding of the value of research methods appropriate to the social sciences
- Compare contemporary American society with other societies and societies of the past in order to recognize the similarities and differences between various societies

Speech Communication

- Demonstrate college-level understanding of communication theory and its practical application by reading analytically and critically
- Write in grammatically correct English with clarity and fluency
- Listen actively and speak articulately
- Adapt communication skills to a variety of audiences in a variety of contexts
- Critically analyze communication issues
- Exercise creativity in the presentation of speeches
- Conduct college-level research and apply findings to support logical arguments.
- Communicate effectively within a diverse society
- Understand the vital role of ethics in communication

Theatre

- Convey artistic intentions through acting, directing, technical theatre and design with the successful completion of various applications of stylistic techniques
- Display creative awareness of theatre through individual performance techniques
- Exhibit perspective on historical and stylistic components of theatre
- Demonstrate a functional knowledge of theatrical technology from the beginning through the intermediate level
- Demonstrate a functional knowledge of theatrical techniques from the beginning through the intermediate level
- Demonstrate competency in theatre performance skills and ability Occupational Safety and Health Administration (OSHA) regulations related to public drinking water

Vocational Nursing

- Use correct medical terminology and nomenclature, in the correct context, in order to effectively communicate health/medical information and concepts to others
- Demonstrate the ability to perform accurate calculations of intake and output, drug dosages, and IV rates
- Develop problem-solving and self-assessment skills and make appropriate decisions regarding a variety of procedural situations
- Demonstrate the ability to interact with patients and work effectively as a member of the health care team
- Provide culturally specific healthcare to all people
- Develop the ability to use and adapt to current technologies used in the healthcare setting
- Provide patient care that falls within the scope of practice as set forth by the BVNPT

Water Technology

- Describe and explain regulatory issues that relate to the public drinking water supply
- Diagram and explain the fundamentals of the water distribution system including SCADA (supervisory control and data acquisition), maintenance, pumps, hydraulics, and valves
- Given a scenario involving water contamination, identify the contaminants, recommend the best treatment, administer the treatment and then verify the contaminants are below allowable safety thresholds
- Demonstrate the safe handling of chemicals used in the water industry and describe the thinking, decision-making and problem solving skills by applying them to the studio, post-production and live sound environments
- Develop interpersonal skills, empathy, and respect for others to gain key skills expected of professionals in the field
- Demonstrate advanced computer competency by completing production assignments utilizing software-based production and editing systems
- Understand the technical, creative and interpersonal skills required by the entertainment industry through demonstrating thorough knowledge of digital audio workstations and all audio hardware as appropriate to each course

How are Citrus College's Academic Programs Organized? Academic Divisions, Departments, and subject (with subject codes)

(All telephone numbers are area code 626)

Career, Technical and Continuing Education Programs

Continuing Education
852-8022
Noncredit (NC)

Cosmetology

914-8710
Cosmetology (COS)

Public Services

852-6402
Public Works (PUB)
Water Technology (WATR)

Technology & Engineering

852-6402
Automotive Technology:
 Automobile and Light Truck
 Technology (AUTO)
 Motorcycle Technology (MOTO)
 Medium and Heavy Truck
 Technology (MTRK)
Architecture (ARCH)
Computer Information Systems
(CIS)
Computer Science (CS)
Drafting Technology (DRAF)
Engineering (ENGR)
Information Technology (IT)
Office Technology & Computer
Applications (OFF)

Counseling

914-8530
Counseling (COUN)
Disabled Student Programs &
Services (DSPS)
914-8675

Fine and Performing Arts

Fine Arts
914-8580
Art (ART)
Photography (PHTO)

Performing Arts

914-8580
Dance (DANC)
Music—Commercial (MUSC)
Music Education (MUSE)
Music—Performance (MUSP)
Recording Technology (REC)
Theatre Arts (THEA)

Kinesiology (formerly PE)

914-8650
Kinesiology (KIN)
Competitive Athletics (KINC)

Language Arts

914-8856
Communications (COMM)
English (ENGL)
English as a Second Language
(ESL)
Reading and College Preparation
(READ)
Speech (SPCH)

Foreign Languages

914-8856
Chinese (CHIN)
German (GER)
Japanese (JPN)
Spanish (SPAN)

Mathematics, Business and Health Sciences

914-8792
Mathematics (MATH)
Accounting (ACCT)
Business (BUS)
Real Estate (REAL)

Health Sciences

914-8720
Dental Assisting (DENT)
Emergency Management (EMER)
Health Sciences (HEAL)
Nursing (NRS)
Registered Nursing/Associate
Degree in Nursing (RNRS)
Vocational Nursing (VNRS)

Natural and Physical Sciences

Natural Sciences
914-8789
Biology (BIOL)
Wildland Resources and Forestry
(FOR)
Natural History (NAT)

Physical Sciences

914-8789
Astronomy (ASTR)
Chemistry (CHEM)
Earth Sciences (ESCI)
Physics (PHYS)

Social and Behavioral Sciences

Social Sciences
914-8860
Economics (ECON)
Geography (GEOG)
History (HIST)
Humanities (HUM)
Leadership (LEAD)
Philosophy (PHIL)
Political Science (POLI)

Behavioral Sciences

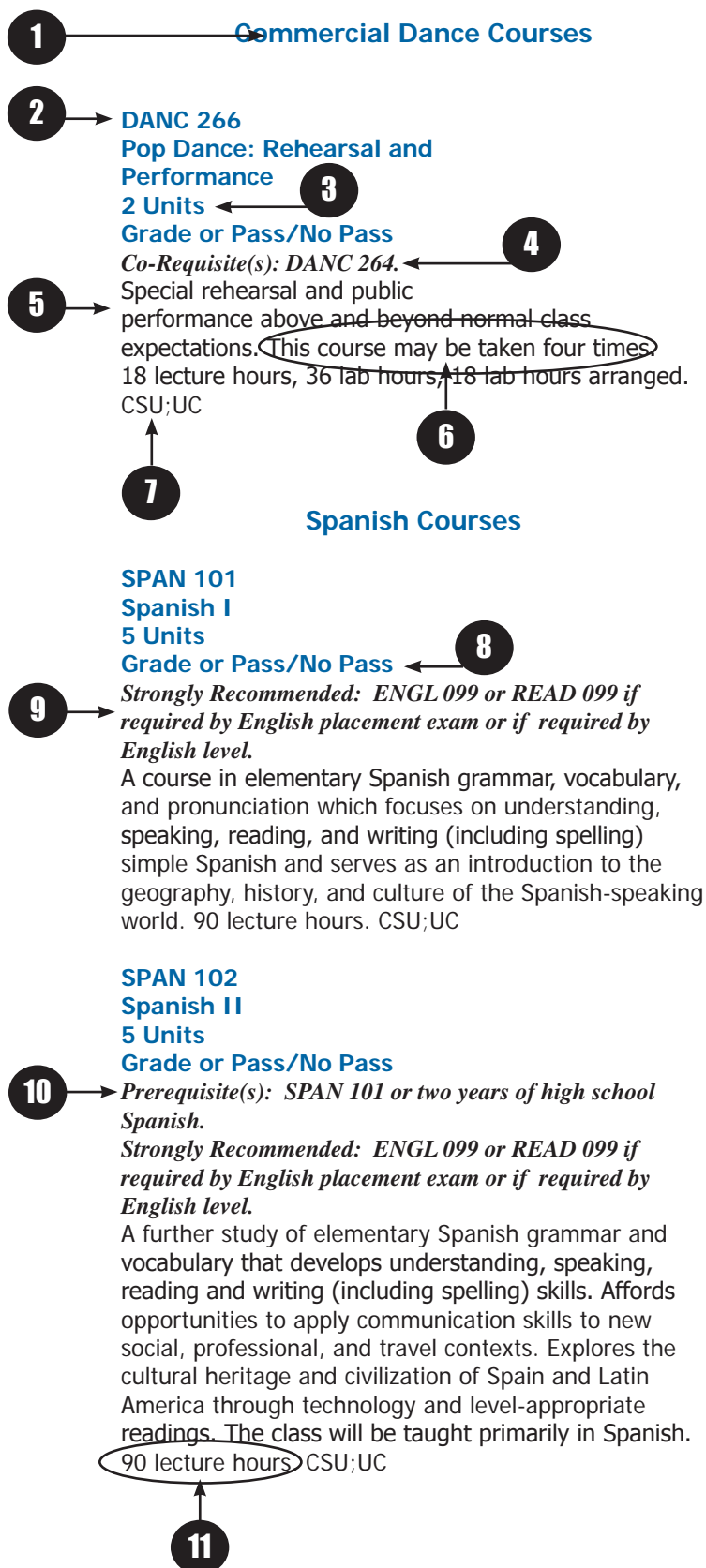
914-8660
Administration of Justice (AJ)
Anthropology (ANTH)
Child Development (CHLD)
Ethnic Studies (ETHN)
Psychology (PSY)
Sociology (SOC)

Course Code Directory

| | | | | | |
|------|--|------|--|------|----------------------|
| ACCT | Accounting | ENGL | English | MUSP | Music—Performance |
| AJ | Administration of Justice | ENGR | Engineering | NAT | Natural History |
| ANTH | Anthropology | ESCI | Earth Science | NC | Noncredit |
| ARCH | Architecture | ESL | English as a Second Language | NRS | Nursing |
| ART | Art | ETHN | Ethnic Studies | OFF | Office Technology |
| ASTR | Astronomy | FOR | Forestry | PHIL | Philosophy |
| AUTO | Automotive Technology | FREN | French | PHTO | Photography |
| BIOL | Biology | GEOG | Geography | PHYS | Physics |
| BUS | Business | GER | German | POLI | Political Science |
| CHEM | Chemistry | HEAL | Health Sciences | PSY | Psychology |
| CHIN | Chinese | HIST | History | PUB | Public Works |
| CHLD | Child Development | HUM | Humanities | READ | Reading |
| CIS | Computer Information Systems | IT | Information Technology | REAL | Real Estate |
| COMM | Communications | JPN | Japanese | REC | Recording Technology |
| COS | Cosmetology | KIN | Kinesiology | RNRS | Registered Nursing |
| COUN | Counseling | KINC | Kinesiology Competitive Athletics | SOC | Sociology |
| CS | Computer Science | LEAD | Leadership | SPAN | Spanish |
| DANC | Dance | LING | Linguistics | SPCH | Speech |
| DENT | Dental Assisting | MATH | Mathematics | THEA | Theatre Arts |
| DRAF | Drafting Technology | MOTO | Motorcycle Technology | VNRS | Vocational Nursing |
| DSPS | Disabled Student Programs & Services | MTRK | Medium And Heavy Diesel Truck Technology | WATR | Water Technology |
| ECON | Economics | MUSC | Music—Commercial | | |
| EMER | Emergency Management and Homeland Security | MUSE | Music Education | | |

A Guide to Understanding the Course Descriptions

1. Course and Department Name
2. Course Number
The course numbering system distinguishes between courses that are degree applicable and those that are not. Units from courses numbered 001-099 are appropriate for financial aid and athletic eligibility, but may not be applied toward the units required for a degree. Units numbered 100-299 may apply toward the associate degree.
3. The units of credit that can be earned during a semester
4. Concurrent enrollment required in a related course
5. Course Description
6. Number of times a course may be taken for credit
7. Transferable course: designating that the course is transferable to the California State University (CSU) or the University of California (UC). To verify the transfer policies of other colleges and universities, consult a counselor.
8. Grade or P/NP: the student can choose to take the course to receive a pass/no pass grade instead of a letter grade.
9. The recommended reading level or skill preparation a student is expected to have in order to succeed in the coursework.
10. Prerequisite: a requirement that must be satisfied before enrolling in the course.
11. The number of lecture hours and lab hours the course offers during the semester or session in which it is offered.



Accounting

(Business Department)

Accounting is the systematic recording, analysis, explanation and interpretation of the financial transactions of a business. Topics covered in the accounting courses offered at Citrus College include basic accounting, financial and managerial accounting principles, income tax accounting, and accounting general ledger software. Accounting courses satisfy general education requirements for an associate degree, an associate degree in liberal arts with an emphasis in business technology, and lower division transfer. ACCT 101 Financial Accounting and ACCT 102 Managerial Accounting are undergraduate requirements for the bachelors in arts degree in business. Students may earn a certificate of achievement in accounting. The Honors Program includes one course: ACCT 101H Financial Accounting - Honors.

Accounting Courses

ACCT 100 Accounting 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The objective of this course is to provide an elementary accounting background for business students. Course content includes development of the accounts through journalizing, cash journal entries, sales and purchases, posting, trial balance, work sheet and resultant financial statements. 72 lecture hours.

ACCT 101 Financial Accounting 4 Units

Grade or Pass/No Pass

Strongly Recommended: ACCT 100 or high school bookkeeping, or related job experience.

The objectives of this course are to learn the content and meaning of the basic financial statements and their impact on the decision-making process in the business environment. This course will provide a broad overview of the importance of accounting in the business process as well as introduce the student to the double entry system of accounting, how to record, process and report on the business transactions and events and to consider the operating cycles in business.

Topical areas covered in this class will include cash, accounts, inventory, property, plant and equipment, intangible assets, current liabilities and stockholder equity. The importance of internal controls will be reviewed and the components of the income statement will also be discussed. 72 lecture hours. CSU;UC

ACCT 101H Financial Accounting - Honors 4 Units

Grade Only

Strongly Recommended: ACCT 100 or high school bookkeeping; or related job experience.

Examines the fundamental concepts of financial accounting such as: the basic financial statements: the double entry system of accounting; financial analysis and internal controls. Analyze financial data to evaluate performance and formulate appropriate course of action in the business environment. Students are expected to work and participate at an honors level which includes advanced critical thinking skills, more in depth analysis of financial statements and presentation skills as demonstrated by group presentations, class participation and case study analysis. 72 lecture hours. CSU;UC

ACCT 102 Managerial Accounting 4 Units

Grade or Pass/No Pass

Prerequisite(s): ACCT 101.

This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments. 72 lecture hours. CSU;UC

ACCT 110 Income Tax Accounting 4 Units

Grade or Pass/No Pass

A course designed to study the federal income tax process, federal income tax laws that apply to individuals, and the application of tax principles to specific problems. Topics include gross income and exclusions, business deductions and itemized deductions, losses, certain tax credits and property transactions. Study is also made of California income tax laws in those areas which differ from federal tax law. 72 lecture hours. CSU

ACCT 115 QuickBooks 2 Units

Grade or Pass/No Pass

Instruction in QuickBooks, a computerized accounting system for business. Applies basic accounting concepts. 36 lecture hours.

AJ 101 Introduction to the Administration of Justice 3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The history and philosophy of administration of justice in America: recapitulation of the system; identifying the various sub-systems; role expectations, and their inter-relationships; theories of crime, punishment, and rehabilitation; ethics, education and training for professionalism in the system. 54 lecture hours. CSU;UC

Administration of Justice (Behavioral Sciences Department)

Administration of Justice examines the structure, function, laws, procedures, and decision-making processes of agencies that deal with crime management. Administration of Justice courses provide both the theoretical background and practical experience necessary for employment and promotion in the criminal justice system and related fields, such as community responders and volunteers, and for transfer to four-year institutions. Courses in Administration of Justice satisfy general education requirements for an associate degree and transfer. In addition, students may also earn a certificate of achievement in Administration of Justice.

Administration of Justice Courses

AJ 101 Introduction to the Administration of Justice 3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The history and philosophy of administra-

tion of justice in America: recapitulation of the system; identifying the various sub-systems; role expectations, and their inter-relationships; theories of crime, punishment, and rehabilitation; ethics, education and training for professionalism in the system. 54 lecture hours. CSU;UC

AJ 102
Concepts of Criminal Law
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The philosophy and historical development of law, including the provisions of the U.S. Constitution. The concepts and definitions necessary to relate court decisions to statutes including those specific to correctional institutions. 54 lecture hours. CSU;UC

AJ 103
Legal Aspects of Evidence
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Origin, development, philosophy and constitutional basis of evidence, constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. 54 lecture hours. CSU

AJ 105
Criminal Investigation
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Fundamentals of investigation and the techniques of crime scene recording and search. The collection and preservation of physical evidence, modus operandi processes, sources of information, interview and interrogation, follow-up, and case preparation. 54 lecture hours. CSU

AJ 106
Patrol Procedures
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is a study of the responsibility, techniques, and methods of police patrol. This includes the areas of patrol distribution, selective enforcement, pull-over and approach methods, emergency pursuit driving, search of suspects and buildings, field interrogations, and procedures in handling "police-called-for" services. 54 lecture hours. CSU

AJ 107
Traffic Control
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A study covering traffic law enforcement regulation and control, fundamentals of traffic accident investigation, and the California Vehicle Code. 54 lecture hours. CSU

AJ 108
Juvenile Procedures
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The techniques of handling juvenile offenders and victims; the prevention and repression of delinquency; juvenile law and procedure; the organization of community resources; and diagnosis and referral. 54 lecture hours. CSU

AJ 109
Criminal Procedures
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Legal processes from pre-arrest, arrest through trial, sentencing and correctional procedures; a review of the history of case and common law; conceptual interpretations of law as reflected in court decisions; a study of case law methodology and case research as the decisions impact upon the procedures of the justice system. 54 lecture hours. CSU

AJ 111
Narcotics and Vice Control
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

History, identification, and effects of

narcotics. Current narcotic and vice problems. Special emphasis on laws affecting the control of narcotics and vice. 54 lecture hours. CSU

AJ 112
Community Relations
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An in-depth exploration of the roles of the administration of justice practitioners and their agencies. Through interaction and study the student will become aware of the interrelationships and role expectations among the various agencies and the public. Principal emphasis will be placed upon the professional image of the system of justice administration and the development of positive relationships between members of the system and the public. 54 lecture hours. CSU;UC

AJ 121
Death Investigation
3 Units
Grade Only

Prerequisite(s): AJ 101.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A multimedia examination of the medico-legal investigation of death. Focuses on natural and accidental deaths, suicides, and homicides. Special attention to deaths by gunshot wounds, burns, sharp force injury, blunt force trauma, and multi-casualty incidents. 54 lecture hours. CSU

AJ 123
Writing for Criminal Justice Professionals
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Techniques for communicating facts, information, and ideas effectively in a simple, clear, and logical manner in various types of criminal justice reports: letters, memoranda, directives, and administrative reports. Emphasis is on criminal justice terminology, use of English, and organization of information. Students will practice note taking and report writing as well as presentation of testimony in court. 54 lecture hours. CSU

AJ 130
Introduction to Probation and Parole
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of the role of probation and parole in today's criminal justice system. Career opportunities available in probation and parole work will be included. 54 lecture hours. CSU

AJ 131
Introduction to Corrections
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of the field of correctional science. Historical development, current concepts and practice, explanations of criminal behavior; functions, and objectives of the criminal justice system concerned with institutional, probation, and parole processes as they modify the offender's behavior and survey of professional career opportunities in public and private agencies. 54 lecture hours. CSU

AJ 133
Correctional Writing
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The practical aspects of gathering, organizing, and preparing written reports for correctional activities on local, state, and federal levels. Emphasis on techniques of communicating facts and ideas effectively in the criminal justice system context. Practical experience in note taking, report writing, and testifying in court. 54 lecture hours. CSU

AJ 135
Control and Supervision in Corrections
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Supervision of inmates in the local, state, and federal correctional institutions. Emphasis on the role of the offender and the correctional worker on a continuum from institutional living through crisis sit-

uations. Included are inmate subculture, violence and effects of crowding along with coping techniques for correctional officers. Causes and effects of abusive tactics. 54 lecture hours. CSU

AJ 136
Correctional Interviewing and Counseling
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The techniques in counseling and interviewing available to practitioners in Corrections. The student will learn the use of appropriate techniques and theories in confidence building which may be used by the correctional employee in client interviews and counseling. 54 lecture hours. CSU

AJ 137
Legal Aspects of Corrections
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The historical legal framework, concepts, and precedents that guide correctional practice. Course material will broaden the individual's perspective of the corrections environment, the civil rights of prisoners, and responsibilities and liabilities of corrections officials. 54 lecture hours. CSU

Anthropology

(Behavioral Sciences Department)

Anthropology is the holistic study of human behavior from biological, historical, cultural, and social perspectives. Anthropology analyzes the place of humans in the natural world and explores cultural assumptions across the globe. Anthropology courses satisfy general education requirements for an associate degree, an associate degree in liberal arts with an emphasis in social and behavioral sciences, and lower division transfer. The Honors Program includes three anthropology courses: ANTH 201H Introduction to Cultural Anthropology – Honors, ANTH 216H Sex and Gender in a Cross Cultural Perspective – Honors and ANTH 218H Honors Presentation Seminar.

Anthropology Courses

ANTH 210
Introduction to Cultural Anthropology
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Students will critically examine various societies around the world using basic cultural concepts such as language, food production, economics, kinship, art, religion, and magic. The class is designed to foster a pluralistic view of the world, teach introductory anthropological concepts, and strengthen critical thinking skills. College level reading is strongly advised for success in the course. 54 lecture hours. CSU;UC

ANTH 210H
Introduction to Cultural Anthropology - Honors
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Students will critically examine various societies around the world using basic cultural concepts such as marriage, family, art, food production, political organization, and religion. The class is designed to foster a pluralistic view of the world, teach introductory anthropological concepts, and strengthen critical thinking. College level reading is strongly advised for success in the course. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of anthropological readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU;UC

ANTH 212
Introduction to Physical Anthropology
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory study of the biological origin of humans. The course will emphasize the biology of humans, human evolution, taxonomy, pre-human fossil identification, and adaptation to the

environment. CONCURRENT ENROLLMENT WITH ANTH 212L IS REQUIRED TO RECEIVE LAB SCIENCE CREDIT. College level reading is highly recommended for success in the course. 54 lecture hours. CSU;UC

ANTH 212L
Introduction to Physical Anthropology Lab
1 Unit
Grade Only

Co-Requisite(s): ANTH 212.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is the lab component for Introduction to Physical Anthropology 212. In the lab students will have an expanded opportunity to work with anatomy, skeletal identification, taxonomy, and evolutionary trends. Concurrent enrollment with ANTH 212 is required. College level reading is highly recommended for success in the course. 54 lab hours. CSU;UC

ANTH 216
Sex and Gender in a Cross Cultural Perspective
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ANTH 210 or SOC 201.

A cross-cultural look at different groups' ideas of sex and gender. The course will focus on attitudes, beliefs, and socialization techniques. Theories behind the formation of gender will be explored. Both Anthropological and Sociological terms and concepts will be utilized for a cross disciplinary approach. This is primarily a seminar style course, college level reading and participation is necessary for successful completion. 54 lecture hours. CSU;UC

ANTH 216H
Sex and Gender in a Cross Cultural Perspective - Honors
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ANTH 210 or SOC 201. Must be a member of the Citrus College Honors Program in good standing, or recommendation from an honors instructor.

A cross-cultural look at different groups'

ideas of sex and gender. The course will focus on attitudes, beliefs, and socialization techniques. Theories behind the formation of gender will be explored. Both Anthropological and Sociological terms and concepts will be utilized for a cross disciplinary approach. College level reading is strongly advised for success in the course. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of readings, presentation, and leadership skills demonstrated through class participation/presentation. 54 lecture hours. CSU;UC

ANTH 218H
Honors Presentation Seminar
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Must be a member of the Citrus College Honors Program in good standing, or recommendation from an honors instructor.

A course designed to help honors students further their research skills, professional presentation skills, and to promote transfer. Research topics from previous honors classes will be enhanced with further research and presented in a professional manner in class. Materials will also be submitted to local honors conferences for presentation to peers. Honors students should be in good standing and must be recommended by an honors professor. 18 lecture hours. CSU

ANTH 220
Introduction to Archaeology
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory study of the science of archaeology. The course will emphasize the evolution of human material culture, the laws and theories governing the science of archaeology, archaeological processes, and the realities of archaeology versus popular culture definitions. College level reading is strongly recommended for success in the course. 54 lecture hours. CSU;UC

Architecture
 (Architecture Department)

The Architecture Program concentrates on the built environment. The curriculum visualizes architecture as a cultural, creative, and technical practice and discipline with direct social impact. A balance of architectural, art and technical design courses provides students with a diverse foundation of knowledge in the fields of architecture, landscape architecture, urban planning, CAD, and CGI which prepares them for transfer and/or certificates for careers in a wide range of fields.

Architecture Courses

ARCH 100
Introduction to Architecture
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course for students interested in exploring the fields of architecture and architectural technology and developing a working knowledge of planning and design. 54 lecture hours. CSU

ARCH 102
Visual Communication
2.5 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, DRAF 101.

Visual communication of axonometric, oblique, and one, and two-point perspective drawings. Natural and man-made forms are analyzed. Color and texture of form are studied as they are revealed by light, shade, and shadow. Students' perceptions of subject matter are translated into convincing visual expressions by learning the graphic skills and the use of a variety of media. Students sketch, draw, and render projects. 36 lecture hours, 36 lab hours. CSU

ARCH 110
Introduction to Architectural Communication and Functional Design
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also,

DRAF 101 and ARCH 100.

Introduction to architectural graphic communication skills including traditional pencil drawing and computer drawing. Students analyze and apply architectural theory, principles, techniques and three dimensional model making. The course includes an examination of presentation types and how they can be utilized to communicate architectural ideas. 36 lecture hours, 72 lab hours. CSU

ARCH 111**Basic Architectural Design****3 Units****Grade Only****Prerequisite(s): ARCH 110.****Strongly Recommended: DRAF 101.**

Architectural design including: details of construction, framing of walls, ceilings, roofs, exterior elevations, interior elevations and cabinet details. Design techniques for completing a set of working drawings are also covered. This course provides students with a detailed analysis of material applications and the fundamental knowledge of methods of construction. Material fee. 36 lecture hours, 72 lab hours. CSU

ARCH 200**Portfolio Preparation****3 Units****Grade Only**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ARCH 110, ARCH 111 or ART 111 and ART 120.

A course for students to develop individual student portfolios. Development of portfolios will include architectural Computer Generated Imagery (CGI), multimedia, other design technology techniques, free hand drawing, 2D - 3D art and rendering. Students will develop knowledge of how to interview in various design professions. 36 lecture hours, 54 lab hours. CSU

ARCH 201**Architectural Design I****3 Units****Grade Only****Prerequisite(s): ARCH 110.**

Explores the tools required to begin the formulation of design concepts and structure. This exploration is supported by discussion, observation, and hands-on experimentation, including research of precedents. The goal is to develop a process of design that draws from many

sources in order to solidify a concept. Craftsmanship, clarity, and eloquence are highly valued in the construction of design submittals and in written and verbal presentations. A portfolio of the assigned design exercises completes the course requirements. 36 lecture hours, 72 lab hours. CSU;UC

ARCH 202**Architectural Design II****3 Units****Grade Only****Prerequisite(s): ARCH 110.****Strongly Recommended: DRAF 101.**

Designing and detailing business and manufacturing buildings. Code requirements, special materials, and functional requirements are addressed. Students analyze and incorporate environmental site factors, simple program requirements and basic knowledge of building materials. The design process of sustainability, climate and lighting issues are incorporated as integral components of an architectural design solution. A portfolio of the assigned design exercises completes the course requirements 36 lecture hours, 72 lab hours. CSU;UC

ARCH 250**History of Architecture: Prehistory to Mannerism.****3 Units****Grade Only**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Development of architecture from Prehistory, ancient Egypt, ancient Greece, Rome to the Mannerism period. Influence of geography, religion and socio-economic movements on architecture are explored. The role of a built environment in social, cultural, and political life: how buildings are constructed, what they mean, effects they have on world, and ways they imagine new futures and shape private and public life. This course spotlights new possibilities for shaping the world in which we live, with an emphasis on how architecture extends to cities, roads, books, and films. Consideration is given to historical context and cultural genealogy of particular buildings and environments, material and economic conditions of building, and more. 54 lecture hours. CSU;UC

ARCH 251**History of Architecture: Baroque to the Present Day****3 Units****Grade Only**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

History of Architecture: Baroque to the Present Day. Exploration of the role of a built environment in social, cultural, and political life: how buildings are constructed, what they mean, effects they have on world, and ways they imagine new futures and shape private and public life. This course Spotlights a series of contemporary case studies for what each reveals about new possibilities for shaping the world in which we live, with an emphasis on how architecture extends to cities, roads, books, and films. Consideration is given to historical context and cultural genealogy of particular buildings and environments, material and economic conditions of building, and more. 54 lecture hours. CSU;UC

Art

(Fine Arts Department)

Art includes the study of art history and appreciation as well as theoretical and skills-based courses in traditional artistic expression and new-genre digital arts. Areas of study include:

- Fine arts, which focus on painting, drawing, design, and ceramics; Drawing and painting often lead to transfer or become fundamental training necessary for commercial art vocational pathways. Ceramics is collaborating with tile companies to develop a custom tile design and manufacturing program;
- Photography, which prepares students for careers as commercial advertising photographers, photo journalists, portrait and wedding photographers, and photographic laboratory technicians; and
- Commercial art which prepares students for entry-level positions as graphic, digital, or web designers with an emphasis on the use of a computer as a tool to implement the basic principles of design composition, layout, and typography.

Courses in art satisfy general education requirements for the associate degree,

an associate degree in liberal arts with an emphasis in arts and humanities, and lower division transfer. Students may earn certificates of achievement in photography, ceramics, or digital and web design.

Important Information About Art Course Descriptions

Most art courses are now grouped together as course "families." Students are allowed to take only four courses from each "family." All grades received, including F, WD, and NC grades count towards the four courses.

The Art course families are:

Fundamentals

ART 110 – Introduction to Visual Arts
 ART 111 – Beginning Drawing
 ART 130 – Beginning Painting
 ART 140 – Beginning Ceramics
 ART 143 – Beginning Handbuilding

Ceramics

ART 141 – Intermediate Ceramics
 ART 142 – Experimental Ceramics
 ART 240 – Advanced Ceramics I
 ART 241 – Advanced Ceramics II

Design

ART 120 – Two-Dimensional Design
 ART 121 – Three-Dimensional Design
 ART 145 – Design and Decoration – Ceramics
 ART 149 – Studio Problems in Ceramics

Sculpture

ART 180 – Beginning Clay Sculpture
 ART 181 – Intermediate Clay Sculpture
 ART 182 – Advanced Clay Sculpture I
 ART 183 – Advanced Clay Sculpture II
 ART 184 – Sculpture and Metalwork

Drawing Family

ART 112 – Intermediate Drawing
 ART 115 – Figure Drawing I
 ART 116 – Figure Drawing II

Painting Family

ART 131 – Intermediate Painting
 ART 230 – Advanced Painting

Graphic Design

ART 150 – Computer Art Basics
 ART 158 – Commercial Graphic Design
 ART 189 – Art Portfolio and Resume Production

Digital Art

ART 153 – Digital Media Production I
 ART 162 – Computer Graphics I
 ART 167 – Web Design I
 ART 168 – Animation I

Advanced Digital Art

ART 163 – Computer Graphics II
 ART 253 – Digital Media Production II
 ART 267 – Digital Media Production II
 ART 268 – Animation II

Commercial Ceramics

ART 146 – Ceramics: Tile and Mosaic

Art Courses

ART 100

Art History and Appreciation - Fundamentals

3 Units
 Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A study of the basic art principles and elements and how they are applied to art forms from prehistoric times to the present. 54 lecture hours. CSU;UC

ART 100A

Survey of Western Art from Prehistory through the Middle Ages

3 Units
 Grade Only

This course provides an overview of western art and architecture from prehistory through the medieval period. 54 lecture hours. CSU;UC

ART 100B

Survey of Western Art from Renaissance to Contemporary

3 Units
 Grade Only

This course provides an overview of art

and architecture from the Renaissance to the Contemporary period. 54 lecture hours. CSU;UC

ART 101

Art History and Appreciation - Ancient

3 Units
 Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course covers the history of western art from its prehistoric beginnings to the fall of Rome. Some of the course content is concerned with the appreciation of art as well as its history. 54 lecture hours. CSU;UC

ART 102

Art History and Appreciation - Medieval

3 Units
 Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course covers the history of western art from the fall of Rome to the beginning of the Renaissance. Some of the course content is concerned with the fundamentals of art appreciation as well as its history. 54 lecture hours. CSU;UC

ART 103

Art History and Appreciation - Renaissance to Rococo

3 Units
 Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course covers the history of western art from the early Renaissance through the Rococo period. This course is concerned with both the history of art and the fundamentals of the appreciation of art. 54 lecture hours. CSU;UC

ART 104

Art History and Appreciation - 19th Century Art

3 Units
 Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course covers the history and fundamental appreciation of western art from the French Revolution to c. 1900 A.D. 54 lecture hours. CSU;UC

ART 105**Art History and Appreciation - Early 20th Century Art****3 Units****Grade Only****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

This course covers the history of western art from the late 19th century to mid 20th century. The course is concerned with the fundamentals of art appreciation as well as the history of our times. 54 lecture hours. CSU;UC

ART 110**Introduction to the Visual Arts****3 Units****Grade Only****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

A course designed to further the general education of all students. Students will be introduced to the visual arts through aesthetics, critique, history, and by creating art using various mediums. 36 lecture hours, 72 lab hours. CSU;UC

ART 111**Beginning Drawing****3 Units****Grade Only****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

A basic course in drawing and composition to develop a student's ability to perceive and define shape, mass, contour, volume, space and light, using a variety of media and subject matter. This course is required of all art majors. 36 lecture hours, 72 lab hours. CSU;UC

ART 112**Intermediate Drawing****3 Units****Grade Only****Prerequisite(s): ART 111.**

Emphasis is on conceptual art through advanced, imaginative and subjective approaches to drawing. Includes experimental use of media, theoretical and conceptual approaches to content, and examination of aesthetics within contemporary drawing concerns. Required of all art majors. 36 lecture hours, 72 lab hours. CSU;UC

ART 115**Figure Drawing I****3 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

An introduction to the structural understanding of the human form, based on study of the figure in history, theory, and aesthetics and its practical application to drawing from the live model. 36 lecture hours, 72 lab hours. CSU;UC

ART 116**Figure Drawing II****3 Units****Grade Only****Prerequisite(s): ART 115.**

A continuation of the structural study of the figure with emphasis on the exploration of expressive concepts, media, and techniques. Included will be reading for historical, theoretical, and aesthetic application to class material. 36 lecture hours, 72 lab hours. CSU;UC

ART 120**Two-Dimensional Design****3 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

An investigation of the elements of art: especially color and composition. Emphasis is placed on individual solutions to visual problems by observing the principles of design. Required of all art majors. 36 lecture hours, 72 lab hours. CSU;UC

ART 121**Three-Dimensional Design****3 Units****Grade or Pass/No Pass**

Experiments involving the design elements and principles in the creation of three-dimensional form and spatial relationships. Critical evaluation of designs for aesthetic, technical, and theoretical concerns. Required of all art majors. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 130**Beginning Painting****3 Units****Grade Only**

An objective approach to form, space, and color concepts using oil or acrylic paint. Includes critical examination of paintings for technical and aesthetic

concerns, content, and historical/cultural influences. 36 lecture hours, 72 lab hours. CSU;UC

ART 131**Intermediate Painting****3 Units****Grade Only****Prerequisite(s): ART 130.**

Development of expressive painting concepts and techniques in oil and acrylic, with emphasis on historical, theoretical, and cultural meanings. 36 lecture hours, 72 lab hours. CSU;UC

ART 140**Beginning Ceramics****3 Units****Grade Only****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

This course explores basic techniques of pottery making. It includes handbuilding and throwing on the potter's wheel. Emphasis is on understanding the qualities of clay, appreciation of basic pottery forms, simple glazing technique and the development of personal expression. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 141**Intermediate Ceramics****3 Units****Grade Only****Prerequisite(s): ART 140.**

This course further develops basic pottery skills by introducing new forms on the potter's wheel and additional decorating and glazing techniques. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 142**Experimental Ceramics****3 Units****Grade Only****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

A course for beginning to advanced students to explore the creative possibilities of clay in a workshop setting. Individual projects using handbuilding or the potter's wheel will be used to create sculpture or pottery. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 143
Ceramic Handbuilding
3 Units
Grade Only

This course is an introduction to ceramic handbuilding techniques and processes. Traditional methods of forming, joinery and construction are introduced. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 145
Ceramic Design and Decoration
3 Units
Grade Only

Prerequisite(s): ART 141.

This course involves hand built and wheel thrown projects that investigate problems in pottery form and surface enhancement. Other related topics include the effect of various firing methods and exhibit preparation. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 146
Ceramics: Tile and Mosaic
3 Units
Grade Only

This course will explore techniques in creating and glazing handmade tile, from Cuenca to Cuerda Seca. The tile industry, cutting, grouting and installation will also be explored. Mosaic techniques will be a secondary focus. 36 lecture hours, 72 lab hours. CSU;UC

ART 149
Studio Problems in Ceramics
1 Unit
Grade Only

Prerequisite(s): ART 141.

Independent study involving intermediate or advanced projects in studio ceramics. Materials used include clay, engobe, stain and glaze. Firing techniques, studio practices, display and exhibition design is included. Material fee. 18 lecture hours, 18 lab hours. CSU; UC

ART 150
Computer Art Basics
3 Units
Grade Only

This introductory computer art course is designed for people interested in learning the basics of computer art. Adobe Illustrator and Photoshop are utilized to create computer graphics and Microsoft Word is used for word processing. PC computers with the Windows operating system, printers, scanners, and digital cameras are also explored in this course.

Material fee. 36 lecture hours, 72 lab hours. CSU

ART 153
Digital Media Production I
3 Units
Grade or Pass/No Pass

Strongly Recommended: ART 150 or portfolio review.

An overview of multimedia production and associated technology. The course will use Illustrator, Photoshop and other software in the development of graphic presentations for use in business and communications. Students will be provided an opportunity to produce computer graphics merging images and text for large format printing. Material fee. 36 lecture hours, 72 lab hours. CSU

ART 158
Commercial Graphic Design
3 Units
Grade or Pass/No Pass

Strongly Recommended: ART 111, ART 120, and ART 150.

Students will examine graphic design in advertising, corporate identity, video, billboards and print media. Utilizing Illustrator, Photoshop and Quark computer software. Students will apply principles of color theory, layout and typography to their design concepts preparing projects for commercial printing. Material fee. 36 lecture hours, 72 lab hours. CSU

ART 159
Introduction to Typography
3 Units
Grade Only

Strongly Recommended: ART 150.

Introduction to fundamental concepts, practices, and theories of typography. Topics include terminology, history, vocabulary, classification, design and contemporary use of type. Utilizing board skills and software programs students will creatively manipulate type fonts in designs and layout applications, demonstrating a sensitivity to the characteristics and communicative values of typography. 36 lecture hours, 54 lab hours. CSU;UC

ART 162
Computer Graphics I
3 Units
Grade or Pass/No Pass

Strongly Recommended: ART 150 or ART 158.

An introduction and skill development course using the computer as a tool for

graphic design and page layout projects where basic design, personal creativity, typography, illustration, and production techniques are implemented. An emphasis is placed on understanding the role of graphic design and the designer in contemporary society and how computer technology plays a major part in this rapidly developing career field. Software includes: current software applications. Material fee. 36 lecture hours, 72 lab hours. CSU

ART 163
Computer Graphics II
3 Units
Grade or Pass/No Pass

Prerequisite(s): ART 162.

This course advances the experiences in ART 162, through additional projects in graphic design, layout, and presentation. Adobe Illustrator, Photoshop, QuarkX-Press, In-Design, and Dreamweaver computer software is used in combination with digital imaging hardware to create visual communication projects relating to business, education, and public services. Work produced is to be of portfolio quality. Material fee. 36 lecture hours, 72 lab hours. CSU

ART 167
Web Design I
3 Units
Grade or Pass/No Pass

Strongly Recommended: ART 150 or portfolio review.

An overview of World Wide Web with emphasis on design and publishing. This course utilizes various developmental tools in the design of pages to be used on the Internet for commercial or personal use. 36 lecture hours, 72 lab hours. CSU

ART 168
Animation I
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ART 150 or portfolio review.

The focus of this course is to introduce the fundamentals of two-dimensional animation with emphasis on the computer as a tool. Student projects involve scripting, storyboarding, action, transition, timing, character development, and portfolio enhancement. 36 lecture hours, 72 lab hours. CSU

ART 180
Beginning Clay Sculpture
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Clay sculpture classes will include clay techniques, application of color, sculpting methods, and sculpture concepts. Students will learn the fundamentals of building and coloring ceramic hand built sculpture. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 181
Intermediate Clay Sculpture
3 Units
Grade Only

Prerequisite(s): ART 180.

Intermediate clay sculpture classes will include modeling techniques, application of color, clay sculpting methods and sculpture concepts. Students may work with human models, animals, birds and other topics with emphasis on composition and craftsmanship. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 182
Advanced Clay Sculpture I
3 Units
Grade Only

Prerequisite(s): ART 181.

Clay sculpture classes will include clay techniques, application of color, sculpting methods and sculpture concepts. Students will design and construct medium size hand-built sculpture of the human model, human head, animal, bird, or other topic. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 183
Advanced Clay Sculpture II
3 Units
Grade or Pass/No Pass

Prerequisite(s): ART 182.

Clay sculpture classes will include clay techniques, application of color, sculpting methods, and sculpture concepts. Students will design and construct large handbuilt sculpture pieces of the human model, human head, animals, or other topic. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 184
Sculpture and Metalwork
3 Units
Grade Only

Prerequisite(s): ART 121.

An introduction to sculpture materials and techniques. Student explores the potential

of expressive form, structure, and space in various materials and processes. Study of aesthetics, technique and theoretical concerns as applied to sculpture. Material fee. 36 lecture hours, 72 lab hours. CSU

ART 189
Art Portfolio and Resume Production
3 Units
Grade or Pass/No Pass

Prerequisite(s): ART 153, ART 158, ART 162, and ART 167.

An advanced course to prepare a portfolio that best represents the student's art/design work for the purpose of a job interview or advanced university placement. The final presentation will be based upon the student's studio discipline and may include traditional studio work, computer (CGI) art and graphic design. Additionally, the production of a professional appearing resume plus participation in mock interviews will be a part of the class. 36 lecture hours, 72 lab hours.

ART 199
Motion Picture Appreciation
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course in which the student will learn how to analyze films on technical, aesthetic, and thematic levels. Historically significant films will be used as source material. 54 lecture hours. CSU;UC

ART 200
History of Motion Pictures
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course in motion picture history covering the years 1895-1945. The historically significant technical and thematic developments of world cinema are analyzed in detail in the context of production systems. 54 lecture hours. CSU;UC

ART 201
History of Motion Pictures II
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam

or if required by English level.

A second semester introductory course continuing with the study of motion picture history covering the years 1945-present. The historically significant thematic developments in world cinema are analyzed in a technical and production context. 54 lecture hours. CSU;UC

ART 206
History of Latin American Art
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Survey of the art of Mexico and Central and South America from the Spanish Colonial period forward to the present. 54 lecture hours. CSU;UC

ART 207
History of Asian Art - China, Korea, and Japan
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Survey of the arts of ancient China and their influence on the historical development of Korean and Japanese art forms throughout the 19th century, Asian culture and philosophies, and their relation to the developing art forms. 54 lecture hours. CSU;UC

ART 230
Advanced Painting
3 Units
Grade or Pass/No Pass

Prerequisite(s): ART 130 and ART 131.

Personalized exploration of expressive painting concepts and techniques in oil and acrylic paint. Includes critical examination of paintings for technical and aesthetic concerns, content, and historical/cultural influences. 36 lecture hours, 72 lab hours. CSU

ART 240
Advanced Ceramics I
3 Units
Grade Only

Prerequisite(s): ART 141.

An advanced course in pottery with an emphasis on larger forms and development of a distinctive style. Also included is glaze technology and basic kiln operation. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 241
Advanced Ceramics II
3 Units
Grade Only

Prerequisite(s): ART 240.

A broader experience in ceramics is the emphasis of this course. Independent visits to craft galleries and special exhibits, research on selected topics and time to explore new ideas in clay. Material fee. 36 lecture hours, 72 lab hours. CSU;UC

ART 253
Digital Media Production II
3 Units

Grade or Pass/No Pass

Prerequisite(s): ART 153.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to the interactive aspects of computer graphics and the association with multimedia, entertainment and advertising. This course will use currently available software in the development of creative and innovative multimedia presentations appropriate to industry, business and community. Material fee. 36 lecture hours, 72 lab hours. CSU

ART 267
Web Design II
3 Units

Grade or Pass/No Pass

Prerequisite(s): ART 167.

Advanced application and integration of WEB software and various scripting languages. Students create web environments and applicably utilize various programs, including but not limited to, Dreamweaver, Fireworks, Flash and Adobe Photoshop. Emphasis will be placed on design, animation, quality, and application to employment-related situations. 36 lecture hours, 72 lab hours. CSU

ART 268
Animation II
3 Units

Grade or Pass/No Pass

Prerequisite(s): ART 168.

This intermediate level animation course focuses on the development of one's personal creativity and the improvement of computer skills with the goal of producing a personal video portfolio. 36 lecture hours, 72 lab hours. CSU

Astronomy

(Physical Sciences Department)

Astronomy studies celestial bodies and their structure, origin, and development. Courses in astronomy satisfy general education requirements for the associate degree and lower division transfer and can be used to fulfill some of the major requirements for the associate degree in Biological and Physical Sciences and Mathematics.

Astronomy Courses

ASTR 115
Planetary Astronomy
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

The astronomy of the solar system including the history of astronomy, Newton's and Kepler's laws, light, telescopes, the Sun, terrestrial and giant planets, satellites, comets, meteors, and the origin of the solar system. 54 lecture hours. CSU;UC

ASTR 115H
Planetary Astronomy - Honors
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

The astronomy of the solar system including the history of astronomy, Newton's and Kepler's laws, light, telescopes, the Sun, terrestrial and giant planets, satellites, comets, meteors, and the origin of the solar system. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of astronomical readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU;UC

ASTR 116
Stellar Astronomy
4 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

The fundamental areas of stellar astronomy including the structure, classification and evolution of stars, galaxies and the universe, interstellar matter, and the theories of Newton and Einstein. Laboratory exercises include: energy and forces, light, optics, telescopes, stars and their classification, and galaxies. 54 lecture hours, 54 lab hours. CSU;UC

ASTR 117
Life In The Universe
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

The origin and evolution of life on Earth, the processes and conditions relevant to life elsewhere in the universe, and the ongoing search for extraterrestrial life. 54 lecture hours. CSU;UC

Automotive Technology

(Technology & Engineering Department)

Automotive Technology, a career technical program, provides the theoretical background and practical experience necessary to gain entry-level employment or advancement in the automotive technology industry. The program has a contract with Toyota Motor Sales that provides students with training aides, diagnostic equipment and a dealer network that helps with job placement. The program offers courses that lead to an associate degree in Automotive Technology as well as to certificates of achievement in Automotive Service, Diagnosis, and Repair—Master Technician; Automotive Service, Diagnosis, and Repair—Toyota/Lexus/Scion Technician; Automotive Service, Diagnosis, and Repair—Undercar/Drivetrain Specialist; Automotive Service, Diagnosis, and Repair—Underhood Specialist; and Automotive Development.

Automotive Technology Courses

For those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. This course focuses on the service, diagnosis and repair of the manual and automatic automotive drivetrain systems. Appropriate lab activities in automobile drive-

train inspection, service and repair are included.

AUTO 100
Automotive Technology and
Maintenance for the Consumer
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Intended for non-majors. Automobiles and light trucks will be explained from the point of view of the consumer. Operation of essential automotive technologies is central to the course goal of skill development in the inspection of various automobile systems for needed repairs and/or maintenance performed by the end-user. Appropriate lab activities in automobile inspection, service and repair are included. 54 lecture hours, 18 lab hours. CSU

AUTO 101
Fundamentals of Automotive
Service, Diagnosis and Repair
5 Units
Grade Only

Prerequisite(s): ENGL 098 if required by English placement exam or if required by English level.

Intended for automotive majors, this class serves as the pre-requisite for all automotive certificate and/or degree-applicable courses. Automobiles and light trucks will be explored from the point of view of the service technician. Scientific principles and operation of essential automotive technologies are central to the course goal of preparing students for entry into the automotive core curriculum. Appropriate lab activities in automobile inspection, service and repair are included. 72 lecture hours, 54 lab hours. CSU

AUTO 149
Diesel Engine Management Systems
4 Units
Grade or Pass/No Pass

Prerequisite(s): AUTO 148 or AUTO 168 or MTRK 151.

Intended for Automotive and Medium/Heavy Truck students, this course covers the theory of operation of 4-stroke diesel engines along with the theory of operation, testing and inspection, and service repair of air-inlet systems (including forced induction), exhaust systems, fuel-delivery systems (including mechanical and electronic engine controls),

and emission-control systems. Course prepares students for ASE A9 and/or T2 certification. 72 lecture hours. CSU

AUTO 151
Engine Service, Diagnosis and
Repair
6 Units
Grade Only

Prerequisite(s): AUTO 101.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. The course covers essential engine theory, inspection, diagnosis, service and repair. Engine disassembly, inspection, measurements and assembly are covered, with emphasis on in-vehicle repairs. Course prepares students for ASE Engine Repair (A1) certification exam. 54 lecture hours, 167 lab hours. CSU

AUTO 154
Chassis Service, Diagnosis, and
Repair
8 Units
Grade Only

Prerequisite(s): AUTO 101 and AUTO 156.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. The course covers essential chassis system theory, along with inspection, diagnosis, service and repair of the following undercar systems: brake, steering, suspension, alignment, wheel/tire, ride control and ABS. Course prepares students for ASE Suspension and Steering (A4) and ASE Brakes (A5) certification. 108 lecture hours, 135 lab hours. CSU

AUTO 156
Automotive Electrical/Electronic
Systems I
5 Units
Grade Only

Prerequisite(s): AUTO 101.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. This class covers essential electrical and electronic systems theory,

along with inspection, diagnosis, service and repair of specific electrical systems including the battery, starting systems, charging systems, lighting systems, gauges, and instrument-panel warning lights. Prepares students for ASE Electrical & Electronic Systems (A6) certification. 68 lecture hours, 72 lab hours. CSU

AUTO 162
Drivetrain Service, Diagnosis and
Repair
8 Units
Grade Only

Prerequisite(s): AUTO 166

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. This course focuses on the service, diagnosis and repair of the manual and automatic automotive drivetrain systems. Appropriate lab activities in automobile drivetrain inspection, service and repair are included. The course prepares students for the ASE Automatic Transmission and Transaxle (A2) and Manual Drivetrain and Axles (A3) certification exams. 108 lecture hours, 135 lab hours. CSU

AUTO 166
Automotive Electrical/Electronic
Systems II
3 Units
Grade Only

Prerequisite(s): AUTO 156.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. This class covers advanced electrical and electronic systems theory, along with inspection, diagnosis, service & repair of specific accessory systems including supplemental restraint, navigation, entertainment, power windows/locks/seats, customizable body electronics, hybrid vehicle controls and multiplex systems. Prepares students for ASE Electrical & Electronic Systems (A6) certification. 36 lecture hours, 54 lab hours. CSU

AUTO 167
Automotive HVAC Service, Diagnosis & Repair
3 Units
Grade Only

Prerequisite(s): AUTO 156.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. This class covers essential heating, ventilation and air conditioning system theory, along with inspection, diagnosis, service & repair of specific HVAC subsystems including: Refrigeration, air distribution and automatic temperature control. Course prepares students for ASE Heating and Air Conditioning (A7) certification. 36 lecture hours, 54 lab hours. CSU

AUTO 168
Engine Control Systems Service, Diagnosis and Repair
8 Units
Grade Only

Prerequisite(s): AUTO 151 and AUTO 166.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. The course covers essential engine management system theory, along with inspection, diagnosis, service & repair of the following systems: Ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. Course prepares students for ASE Engine Performance (A8) certification. 108 lecture hours, 135 lab hours. CSU

AUTO 230A
Automotive Service and Repair Work Experience A
1 Unit
Pass/No Pass

Department consent required prior to enrollment.

Strongly Recommended: Completion of 16 units in automotive technology coursework.

Automotive technology work experience

is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty adviser. Lab hours are arranged and completed at the place of employment. This course is offered for Pass/No Pass grading only. 9 lecture hours, 160 lab hours arranged.

AUTO 230B
Automotive Service and Repair Work Experience B
2 Units
Pass/No Pass

Department consent required prior to enrollment.

Strongly Recommended: Completion of 16 units in automotive technology coursework.

Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty adviser. Lab hours are arranged and completed at the place of employment. This course is offered for Pass/No Pass grading only. 9 lecture hours, 320 lab hours arranged.

AUTO 230C
Automotive Service and Repair Work Experience C
3 Units
Pass/No Pass

Department consent required prior to enrollment.

Strongly Recommended: Completion of 16 units in automotive technology coursework.

Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty adviser. Lab hours are arranged and completed at the place of employment. This course is offered for Pass/No Pass grading only. 9 lecture hours, 480 lab hours arranged.

AUTO 230D
Automotive Service and Repair Work Experience D
4 Units

Pass/No Pass

Department consent required prior to enrollment.

Strongly Recommended: Completion of 16 units in automotive technology coursework.

Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty adviser. Lab hours are arranged and completed at the place of employment. This course is offered for Pass/No Pass grading only. 9 lecture hours, 640 lab hours arranged.

AUTO 281
Advanced Toyota Certified Technician Training
6.5 Units
Pass/No Pass

Prerequisite(s): Must currently be a full-time journeyman level technician with two years of dealership experience or four years experience at an independent repair facility or completion of 1080 hours of NATEF-Master certified post-secondary automotive training program with at least 12 months of technician experience or successful completion of all requirements of the Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician Certificate of Achievement except the Auto 281 course.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An advanced-level course specifically designed to meet the Toyota Certified Technician Program requirements for certification in the following University of Toyota technical training courses: 021, 263, 302, 453, 553, 623, 652, 753, and 852. Only individuals meeting the requirement of the T-TEN Professional Certificate or the current T-TEN students that have completed the NATEF core classes may attend. This course is offered for Pass/No Pass grading only. 88 lecture hours, 88 lab hours.

AUTO 291
Engine Performance Enhancements and Tuning
3 Units
Grade Only

Prerequisite(s): AUTO 168 or consent of department.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This class covers the engine performance enhancements available for automobiles, light trucks and motorcycles. The subject areas covered include stand-alone engine management systems, fuel systems, turbochargers, superchargers, nitrous oxide, ignition systems, and the use of the chassis dynamometer as a tuning tool. 36 lecture hours, 54 lab hours.

AUTO 295
Engine Design
4 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course designed to teach engine design principles and analysis of cylinder heads, cylinder blocks, crankshafts, piston and rings, connecting rods, camshaft, valve train systems. The course will also cover the design and tuning of intake and exhaust systems, turbocharging and supercharging and the use of basic and advanced engine design formulas. 72 lecture hours. CSU

AUTO 296
Cylinder Head Development
4 Units
Grade Only

Prerequisite(s): AUTO 295 or one year of work experience in the automotive field with an emphasis on engine machining or repair.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course designed to teach the skills necessary to develop a cylinder head for total performance. Emphasis will be placed on cylinder head development and reconditioning, head CCing, and basic flowbench operation. 54 lecture hours, 54 lab hours.

AUTO 297
Cylinder Block Development
4 Units
Grade Only

Prerequisite(s): AUTO 295 or one year work experience in the automotive field with an emphasis on engine machining or repair.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course designed to teach the skills necessary to develop and rebuild a cylinder block for total performance. Emphasis will be placed on cylinder block development and reconditioning, including operation of align-honing, surfacing, boring, and honing machine operation. 54 lecture hours, 54 lab hours.

AUTO 298
Special Projects
2 Units
Grade or Pass/No Pass

Prerequisite(s): AUTO 295 and AUTO 296 or AUTO 296 and AUTO 297 or AUTO 262 and AUTO 291 and AUTO 292 and

AUTO 293 or consent from instructor. **Strongly Recommended:** ENGL 099 if required by English placement exam or if required by English level.

This laboratory class is designed to provide hands-on application of skills and techniques acquired in the High Performance Institute (HPI) program series of classes. The HPI program has a number of designated special projects that students will take part in. Students take an active role in planning, preparation, and completion of projects during the semester. 108 lab hours.

AUTO 299
Engine Dynamometer Operation and Testing Procedures
2 Units
Grade Only

Prerequisite(s): AUTO 295 or one year experience in the automotive field with an emphasis on engine machining or chassis dynamometer operation.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course covers engine dynamometer operation and testing procedures with evaluation of test results for performance tuning. 18 lecture hours, 54 lab hours.

Biology

(Natural Sciences Department)

Biology is the science of life and living organisms, including their structure, function, and growth. Courses in biological sciences satisfy general education requirements for the associate degree and lower division transfer and lead to associate degrees in Biological Science and in Biological and Physical Sciences and Mathematics.

Biology Courses

BIOL 102
Human Genetics
3 Units
Grade Only

Prerequisite(s): MATH 030.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

General principles of genetics and reproduction in wellness and disease as applied to humans. Topics include Mendelian inheritance, variations on Mendelian inheritance, multifactorial traits, DNA structure, function, and replication, cell division, population genetics, evolution, immunity, cancer, and genetic technologies. 54 lecture hours. CSU;UC

BIOL 104
Biology: Contemporary Topics
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A general biology lecture course for non-majors which will cover basic life processes and address contemporary issues in biology. Biological principles covered will include chemical foundations of biology, cell structure and function, cell reproduction, and genetics. Contemporary issues may include such areas as public health, biotechnology, and environmental science. 54 lecture hours. CSU;UC

BIOL 105
General Biology
4 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 and high school biology or chemistry.

The general biology course, lecture and laboratory, for non-majors, with empha-

sis upon molecular biology, cell structure and function, energy relationships, human physiological systems (including reproductive anatomy, reproductive cycles, development, and immunity), genetics, evolution, ecological interrelationships, and discussion of contemporary issues. The laboratory provides the student with expanded first-hand experience in specific areas of course content. 54 lecture hours, 54 lab hours. CSU;UC

BIOL 105H
General Biology - Honors
4 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 high school biology, or chemistry.

The general biology course, lecture and laboratory, for non-majors, with emphasis upon molecular biology, cell structure and function, energy relationships, human physiological systems (including reproductive anatomy, reproductive cycles, development, and immunity), genetics, evolution, ecological interrelationships, and discussion of contemporary issues. The laboratory provides the student with expanded first-hand experience in specific areas of course content. Students are expected to work and participate at an honors level which includes strong critical thinking skills, through analysis of biological readings, presentations, and leadership skills demonstrated through class participation/presentation and service learning in community. 54 lecture hours, 54 lab hours. CSU; UC

BIOL 109
Biology for Educators
4 Units
Grade Only

Prerequisite(s): MATH 030 or concurrent enrollment.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of biology and the interrelationships among living organisms. Emphasis is placed upon the chemical basis of life, the role of cells in the formation of complex organisms, the relationship between structure and function in complex organisms like plants and animals, the role that genetics plays in the evolution of

life, and the relationship between living organisms and the physical world around them. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. 54 lecture hours, 54 lab hours. CSU;UC

BIOL 116
HIV and AIDS: Insights and Implications
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course covering the most common sexually transmitted infections (STI's) with emphasis on the complex biological, sociological, and psychological aspects of the AIDS epidemic. Topics include history of the infections, agent(s), current medical knowledge, transmission, risk reduction, and societal responses. Common myths and misunderstandings will be identified to distinguish them from accepted scientific information. Selected topics will be presented by guest speakers. 54 lecture hours. CSU;UC

BIOL 124
Principles of Biology I
5 Units
Grade Only

Prerequisite(s): MATH 150.

A principles of biology course designed for biology majors and pre-med. students. Detailed study of basic structure and function of living material, with emphasis on cell and molecular biology, genetic mechanisms and their control, reproduction and development, evolution. 72 lecture hours, 54 lab hours. CSU;UC

BIOL 125
Principles of Biology II
5 Units
Grade Only

Prerequisite(s): MATH 150.

A principles of biology course designed for biology majors and pre-med. students. Detailed study of basic structure and function of living material, with emphasis on the diversity of living material, animal and plant form, function, reproduction and development, evolution, and ecological relationships. 72 lecture hours, 54 lab hours. CSU;UC

BIOL 145
Environmental Science
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, BIOL 104 or BIOL 105.

A lecture course exploring contemporary global environmental concerns. Basic concepts covered will include the Earth's life support systems, population dynamics, environmental pollution, food production, and natural resource utilization. Emphasis will be placed on recognizing global environmental problems and exploring various solutions for them. 54 lecture hours. CSU;UC

BIOL 200
Human Anatomy
4 Units
Grade Only

Prerequisite(s): BIOL 105 or BIOL 124.

Biology 200 is a lecture/laboratory course in human anatomy focusing on the structures and organs of the human body. Students will be required to learn and understand the structures from the molecular to gross levels, using the microscope, standard anatomical (plastic) models, and preserved specimens (sheep heart, sheep brain, and cat). Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU;UC

BIOL 201
Human Physiology
4 Units
Grade Only

Prerequisite(s): BIOL 200 and CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.

An advanced course in human physiology emphasizing nervous, muscle, cardiovascular, immune, respiratory, urinary, gastrointestinal, reproductive, & endocrine systems. Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU;UC

BIOL 220
Microbiology
5 Units
Grade Only

Prerequisite(s): CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112 and BIOL 104 or BIOL 105 or BIOL 124.

An introduction to the biology of microorganisms including bacteria, viruses, fungi, and protozoa. Metabolism,

genetics, culture methods, identification, and control of common microbes are considered. Emphasis is placed on the virulence mechanisms and control of human pathogens and on the principles of immunology and host defense. Laboratory work includes techniques common to the control, culture, and identification of microbes. Required of pre-nursing students and medical technologists. 54 lecture hours, 108 lab hours. CSU;UC

Business

(Business Department)

Business is the study of the practices and products of commerce. Areas of concentration within this program include business management, business law, marketing, advertising, business ethics, personal finance, real estate, international business, and business communication skills. Business courses satisfy general education requirements for an associate's degree, an associate degree in business, and lower division transfer requirements.

Business Courses

BUS 130 **Introduction to Business** **3 Units** **Grade or Pass/No Pass**

This is a foundation course in business administration. It is recommended for all students planning further study in this field. Lecture, discussion and problems involve such topics as business finance, personnel, production, distribution, government regulations, and managerial controls. 54 lecture hours. CSU;UC

BUS 132 **Ethics in Business** **3 Units** **Grade Only**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course emphasizes development of managerial decision-making skills utilizing ethical business standards for improvement of business organizations, communities, government, and international trade. 54 lecture hours. CSU

BUS 140 **International Business** **3 Units** **Grade Only** **Strongly Recommended: ENGL 099 if**

required by English placement exam or if required by English level. Also, BUS 130.

A comprehensive overview of international business with a global perspective on international trade including foreign investments, impact of financial markets, international marketing, and the operation of multi-national corporations. 54 lecture hours. CSU

BUS 146 **Personal Finance** **3 Units** **Grade Only**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is an integrative approach to personal finance focusing on practical financial decision making as well as the social, psychological, and physiological contexts in which those decisions are made. Students will examine their relationships with money, set personal goals, and develop a plan to meet those goals. Topics include consumerism, debt, healthcare, investing, retirement, long-term care, disability, death, and taxes. 54 lecture hours. CSU

BUS 150 **Business English** **3 Units** **Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course in business writing, which includes a common-sense approach to the use of English grammar, punctuation and style in the business context, and strategies for effective writing of business-related communications. Recommended for business majors. 54 lecture hours. CSU

BUS 152 **Business Communications** **3 Units** **Grade or Pass/No Pass** **Prerequisite(s): ENGL 101.** **Strongly Recommended: BUS 150.**

A study of principles and strategies for developing effective written and oral communication skills for use in the workplace and in business. Several types of written and oral forms of business communication are highlighted. Recommended for business majors. 54 lecture hours. CSU

BUS 160 **Business Law and the Legal Environment I** **3 Units** **Grade or Pass/No Pass**

A study of law, with an emphasis on the law's relationship to business. Topics covered include the legal environment of business, court procedures, jurisdiction, torts and crimes in the business environment, intellectual property, principles of contract law, commercial transactions, and ethical business practices. 54 lecture hours. CSU;UC

BUS 161 **Business Law and the Legal Environment II** **3 Units** **Grade or Pass/No Pass**

A study of law, with an emphasis on the law's relationship to business. Topics covered include agency, employment law, consumer law, environmental law, sole proprietorships, franchises, partnerships, corporations, insurance, real and personal property, landlord-tenant law, wills and trusts, elder law, creditors' rights and remedies, secured transactions, bankruptcy law, negotiable instruments, antitrust law, professional liability, and international law. 54 lecture hours. CSU;UC

BUS 170 **Small Business Management** **3 Units** **Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The study of business organization emphasizing the small independently-owned business. Instructional topics include discussion of the benefits of small business, creation of a new venture, marketing, managing, financial, and administrative controls. 54 lecture hours. CSU

BUS 172 **Human Resource Management** **3 Units** **Grade Only**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The study of Human Resource Management emphasizing employer/employee relationships, communications, employee selection, job analysis and description, job motivation and productivity, employee benefits, principles of collective

bargaining, labor relations, O.S.H.A., and affirmative action. 54 lecture hours. CSU

BUS 175

Introduction to Management

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course focusing on communication, decision making, and leadership for administrative and managerial positions in business, government, the professions, and the volunteer sector. 54 lecture hours. CSU

BUS 176

Management for the Office Professional

3 Units

Grade or Pass/No Pass

An overview of office management for administrative professionals. Topics include: concepts and trends in administrative office management, centralizing/decentralizing managerial authority, communication in the office, managing a culturally diverse workplace, managing the ergonomic office environment, automating the office, managing office information systems, and improving office productivity. 54 lecture hours. CSU

BUS 185

Elements of Marketing

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course focusing on the moving of goods, services, and ideas from producer to consumer. Topics include: functions and institutions of marketing; marketing research and customer motivation; buying, selling, pricing and competition; transportation, storage and packaging; banking, communication, and insurance. 54 lecture hours. CSU

BUS 192

Advertising

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A study of media advertising, including magazine, television, radio, newspaper, and direct mail; the purpose and cycles of advertising; laws affecting advertising;

and economic effects of advertising. 54 lecture hours. CSU

Chemistry

(Physical Sciences Department)

Chemistry, a natural science, studies the composition, structure, properties, and reactions of matter, especially of atomic and molecular systems. Courses include organic and inorganic chemistry as well as quantitative analysis. Chemistry courses satisfy general education requirements for the associate degree and lower division transfer and can be used to fulfill some of the major requirements for the associate degree in Biological and Physical Sciences and Mathematics.

Chemistry Courses

CHEM 103

College Chemistry

5 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 030.

The first semester of a year program includes chemistry of inorganic compounds; covers topics of nomenclature, stoichiometry, bonding, chemical equations, gas laws, solutions, acids and bases, nuclear processes and chemical equilibrium. Required for students transferring to four-year college nursing programs and students majoring in physical therapy, occupational therapy and home economics. 72 lecture hours, 72 lab hours. CSU;UC

CHEM 104

College Chemistry

5 Units

Grade or Pass/No Pass

Prerequisite(s): CHEM 103 or CHEM 110.

The second semester of a year program includes chemistry of organic compounds; covers topics in biochemistry including carbohydrates, fats, proteins, metabolism, nucleic acids, and nutrition. Required for students transferring to four-year college nursing programs and students majoring in physical therapy, occupational therapy and home economics. 72 lecture hours, 72 lab hours. CSU;UC

CHEM 106

Physical Science for Educators

4 Units

Grade Only

Prerequisite(s): MATH 030 or concurrent enrollment.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of chemistry and physics and the relationships among these disciplines. Emphasis is placed on the ways in which chemistry and physics affect everyday life. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. PHYS 106 and CHEM 106 are the same course. 54 lecture hours, 54 lab hours. CSU

CHEM 110

Beginning General Chemistry

5 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 150 or concurrent enrollment.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course in the fundamental principles of chemistry. Topics covered are those necessary for understanding chemical structure and reactivity, and for performing scientific calculations. There is an emphasis on laboratory work and communication skills. The course is designed for science and engineering majors, pre-medical students, and as a general education class. 54 lecture hours, 126 lab hours. CSU;UC

CHEM 111

General Chemistry

5 Units

Grade or Pass/No Pass

Prerequisite(s): CHEM 110 and MATH 150 or passing score on Chemistry placement exam.

A general course in the fundamental principles of chemistry. Topics covered include periodicity, stoichiometry, nomenclature, atomic structure, bonding, chemical calculations, thermodynamics, intermolecular forces, gases and organic chemistry. The course is designed for all science and engineering majors and pre-medical students. 54 lecture hours, 126 lab hours. CSU;UC

CHEM 112**General Chemistry****5 Units****Grade or Pass/No Pass****Prerequisite(s): CHEM 111.**

A general course in the fundamental principles of chemistry. Chemistry 112 is a continuation of Chemistry 111 and includes topics of equilibrium, kinetics, acid-base chemistry, electrochemistry, nuclear processes, coordination chemistry and thermodynamics. 54 lecture hours, 126 lab hours. CSU;UC

CHEM 210**Organic Chemistry A****3 Units****Grade Only****Prerequisite(s): CHEM 112.****Co-Requisite(s): CHEM 211L.**

A course in organic chemistry including the properties and reactions of alkanes, alkenes, alkynes, alcohols, ethers, thiols, emphasizing fundamental principles and reaction mechanisms, stereochemistry and IR spectroscopy. First semester of a one-year course, required for students enrolled in pre-professional programs in medicine, dentistry, pharmacy, veterinary science, biology, and chemistry. CHEM 211L required concurrently for most stated majors. 54 lecture hours. CSU;UC

CHEM 211L**Organic Chemistry A Laboratory****1 Unit****Grade Only****Prerequisite(s): CHEM 112 and CHEM 210 or concurrent enrollment.**

Introduction to organic laboratory techniques such as melting point, crystallization, distillation, thin layer chromatography, extraction. Synthesis of an ether and an alkene. 54 lab hours. CSU;UC

CHEM 220**Organic Chemistry B****3 Units****Grade Only****Prerequisite(s): CHEM 210.**

A course in organic chemistry including the properties and reactions of aromatic compounds, aldehydes, ketones, carboxylic acid derivatives, enols, enolates, amines, NMR. Second semester course required for students in pre-professional programs in medicine, dentistry, pharmacy, veterinary science, biology, and chemistry. CHEM 221L is required concurrently for most of the stated majors. 54 lecture hours. CSU;UC

CHEM 221L**Organic Chemistry B Laboratory****1 Unit****Grade Only****Prerequisite(s): CHEM 210, CHEM 211L, and CHEM 220 or concurrent enrollment.**

Synthesis of selected organic compounds, including multi-step processes, techniques of column chromatography, IR spectroscopy. 54 lab hours. CSU;UC

Chinese Courses

(Foreign Languages Department)

The Foreign Languages Department offers proficiency-based instruction in listening, speaking, reading, and writing in these languages: Spanish, German, Chinese, and Japanese. The study of each language includes vocabulary, grammar, syntax, pronunciation, and cultural and historical understanding. Intermediate-level courses include a literature component. Courses combine classroom lectures, guided practice, and language activities with individual work conducted online.

CHIN 101**Chinese I****5 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

A course in elementary Chinese (Mandarin) grammar, vocabulary and pronunciation which aims at understanding, speaking, reading and writing simple Chinese and serves as an introduction to Chinese geography and culture. 90 lecture hours. CSU;UC

CHIN 102**Chinese II****5 Units****Grade or Pass/No Pass****Prerequisite(s): CHIN 101 or two years of high school Chinese.**

Chinese 102 continues to present the fundamentals of Chinese grammar. Students are further trained to pronounce Mandarin correctly, to build their conversational and written vocabulary, and to read and write approximately 300 more Chinese characters. 90 lecture hours. CSU;UC

Child Development

(Behavioral Sciences Department)

The Child Development Program explores the theories and concepts necessary for the healthy growth and development of children from conception through adolescence. Child development courses provide both the theoretical and practical skills and experiences necessary to obtain a transfer degree or gain employment in the field of early childhood education.

Students who complete the appropriate coursework may earn the Early Childhood Education Associate in Science for Transfer degree (ECE AS-T). The transfer degree focuses on the theoretical background of child development and developmentally appropriate practices of education for young children. Students who complete this transfer degree will achieve junior status to the California State University system, and will be given priority admission to our local CSU campus.

Students completing appropriate coursework may earn the following certificates of achievement: Child Development Teacher, Child Development Master Teacher, or Child Development Master Teacher--Early Intervention. Students completing the appropriate courses may earn the following Skill Awards: Child Development Associate Teacher or Infant and Child Development Associate Teacher Skill Award.

Child Development Classes**CHLD 100****Introduction to Education and Teaching Grades K-12****3 Units****Grade Only****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

This course is an introductory course for students wishing to explore the teaching profession in the K-12 setting. Topics include an introduction to teacher performance expectations and California Standards for the teaching profession. Other topics include pedagogical strategies, curriculum design, California subject matter standards, use of technology in today's classroom and the importance of current issues and legislation. In addition, students are REQUIRED to observe

45 hours in K-12 classrooms to complete the course successfully. 54 lecture hours. CSU

CHLD 110
Early Childhood Development
3 Units

Grade or Pass/No Pass

This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through early childhood. There will be an emphasis on interactions between maturational processes and environmental factors. While studying development, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. 54 lecture hours. CSU

CHLD 111
Child Development Youth -
Adolescence

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course examines the history and philosophy of child development from middle childhood through adolescence (8-18 years). This includes a survey of parenting and educational practices as well as examining the responsibilities of teaching and caring for this age group. 54 lecture hours. CSU;UC

CHLD 112
Principles of Early Childhood
Education I

3 Units

Grade Only

This course is designed to introduce students to the theoretical principles of developmentally appropriate practice as applied to programs and environments with an emphasis on the role of relationships, constructive adult-child-parent interactions, and teaching strategies that support physical, social/emotional, creative and intellectual development for all young children regardless of their individual and diverse needs. Observation, analysis and assessment of programs for young children will be required. The course includes a review of the historical roots of early childhood programs and the evolution of professional practices promoting advocacy, ethics and professional identity. 54 lecture hours. CSU

CHLD 114
Home-Child-Community Relations
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An examination of the developing child in a societal context which focuses on the interrelationships of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted. The course includes an examination of community resources, the teacher's role and the influences of age, gender, diverse abilities, culture, socio-economic status and public policy factors that affect children and families. 54 lecture hours. CSU

CHLD 116
Introduction to Curriculum
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will present an overview of knowledge and skills related to providing curriculum and environments for young children from birth through age six. Examination of the teacher's role in supporting learning and development in young children with an emphasis on the essential role of play. This course provides strategies for developmentally appropriate practice based on observation and assessments across the curriculum including the following areas: 1) language and literacy, math and science, 2) creative art and experiences 3) development of physical, social-emotional and cognitive skills. 54 lecture hours. CSU

CHLD 120
Literacy for Children
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will explore teaching strategies, interactions and environments necessary for nurturing early language development and literacy skills in the preschool and early school-age child. Students will analyze developmentally appropriate curriculum that supports children's emerging listening, speaking, reading and writing skills. Students will survey children's picture books and learn

techniques to enhance literacy development across the curriculum including storytelling, puppetry and other relevant language arts experiences for children 0-8 years. 54 lecture hours.

CHLD 121
Art for Children
2 Units

Grade or Pass/No Pass

Designed to provide students with opportunities to experience and evaluate art and crafts materials used with the preschool and early school-age child to discover the development of creativity in children. The student will design developmentally appropriate art curriculum and explore ways to support creative thinking and experiences for children. Students will gain appreciation for art and creative thinking within diverse cultures and society at large. 36 lecture hours.

CHLD 122
Music and Rhythms for Children
2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will provide the student with basic skills and techniques for using musical instruments, recordings and songs and develop rhythmic movement activities to use with preschool and early school-age children. Students will analyze, discuss and plan developmentally appropriate curriculum that supports children's music and movement needs. Previous music experience is not required. 36 lecture hours.

CHLD 123
Science Experiences for Children
1 Unit

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course focuses on planning and implementing science experiences with preschool and early school-age children. Students will analyze and plan developmentally appropriate curriculum that supports children's understanding of life, earth and physical science concepts. This course provides exposure to formal, informal and incidental science activities and direct use of science materials. Students will analyze the teacher's role in incorporating science concepts within

the total program for children. 18 lecture hours.

CHLD 124
Math for Children
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The student will gain knowledge of practical mathematics activities to use with preschool and early-school age children. The student will plan developmentally appropriate math curriculum activities. This course focuses on analyzing relevant theories of child development to provide the student with opportunities to evaluate mathematical materials and activities for use in the early childhood education classroom. 18 lecture hours.

CHLD 130
Infant Development and Group Care
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course focuses on the development of the infant and on the dynamics of infant group care. Methods of providing care designed for physical, emotional, social, and intellectual development will be stressed. The health and safety requirements of the state and county are included. 54 lecture hours. CSU

CHLD 134
Parent-Child Interaction
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course explores dynamics of the parent-child relationship. Students will analyze the process of being a parent, stages of parenthood, and consider both internal and external forces that influence parent-child interactions. A focus on children from birth to adolescence will include understanding developmental needs. A problem solving approach to the parent-child interaction will be examined to promote positive relationships within a harmonious family atmosphere. 54 lecture hours. CSU

CHLD 140
Before/After-School Programs
3 Units
Grade Only

An overview of quality school-age child-care programs based on good child development principles and practices. This course includes community resources, environment, staffing, activities, home-work assistance, discipline and relationships. This class meets the Title XXII licensing requirements for personnel in school age programs. 54 lecture hours.

CHLD 144
Health, Safety and Nutrition for Young Children
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an overview of health, safety and nutrition standards, regulations, laws, policies and procedures and focuses on health, safety and nutrition program development and curriculum materials in early childhood education settings. Key components that ensure physical and mental health and safety for both children and staff will be identified. Emphasis will be placed on the importance of collaborating with families and health professionals. 54 lecture hours. CSU

CHLD 150
Multi-Culture Anti-Bias Classrooms
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to assist students in becoming more effective teachers of individuals from backgrounds other than their own. The course will involve self-reflection of one's own understanding of educational principles as one integrates anti-bias goals to better inform teaching practices and program development. Students will examine the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching and education/schooling. Included is an examination of culturally relevant and linguistically appropriate approaches that support all children in becoming competent members of a diverse society. 54 lecture hours. CSU

CHLD 154
Observing and Recording Behavior
3 Units

Prerequisite(s): CHLD 110 or CHLD 111 or PSY 206 and CHLD 112.

This course will focus on principles of observation, collection, organization, and uses of data. Observation as the basis for evaluation of children's skills and the formulation of lesson plans will be the basis of field work assignments. Students will practice a variety of techniques in a variety of different settings. Students will organize data gathered for use in lesson planning and parent conferencing. Three hours lecture per week. 54 lecture hours. CSU

CHLD 156
Practicum in Early Childhood Education
2 Units
Grade Only

Prerequisite(s): CHLD 116 and CHLD 154.

Co-Requisite(s): CHLD 156L.

This course is designed to provide the student with opportunities to plan and implement developmentally appropriate activities in an early childhood setting. Emphasis is placed on developing professional relationships, planning and implementation of curriculum, environment design. A variety of programs and philosophies will be examined. Students will use practical classroom experiences to make connections between theory and practice and are required to be registered in 156L concurrently. 36 lecture hours. CSU

CHLD 156L
Practicum Lab
1 Unit
Grade Only

Prerequisite(s): CHLD 116 and CHLD 154.

Co-Requisite(s): CHLD 156.

The student will have the opportunity for application of acquired knowledge and teaching skills directly in the early childhood classroom. The students will gain experience teaching activities to children and developing a professional attitude. NOTE: This class should be taken at the same time as CHLD 156 Practicum. 54 lab hours arranged. CSU

CHLD 160
Perceptual Motor and Movement
Activities
2 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will focus on evaluation of motor skills, planning and implementation of perceptual motor and movement activities appropriate for normal and motor-delayed young children. Emphasis will be placed on the role of the physical and psychomotor domain in the total development of the young child. Developmental motor activities will be examined that aid children in acquiring movement abilities and fitness, as well as facilitate social interaction and cognitive development. Participants will develop movement experiences for use in the classroom and in the planning of a motor development curriculum. 36 lecture hours.

CHLD 164
The Child with Special Needs
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A presentation of different types of atypical development that interfere with normal physical, cognitive, social, behavioral and emotional growth from preschool through early school-age children. 54 lecture hours. CSU

CHLD 166
Speech and Language Development
and Disorders
2 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will cover children's acquisition of speech and language skills from birth to age 5. Emphasis will be on normal language, articulation, fluency, and voice development. Included will be children's language learning strategies, adult teaching strategies, language and cultural differences, and an overview of communication disorders, as well as appropriate referral to a professional. 36 lecture hours.

CHLD 168
Developmental Risk: Infants and
Toddlers
2 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This class introduces the student to early intervention strategies that are positive and cost-effective for use with children who are developmentally delayed or at risk for developmental delay. Information on Public Law 99-457 is included. Specific strategies for language intervention and child abuse reporting are also included. This class is appropriate for all professionals and paraprofessionals working with young children. 36 lecture hours.

CHLD 169
Managing Challenging and
Disruptive Behaviors
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an overview of challenging and disruptive behaviors in preschoolers. Topics of study include attention deficit disorder, aggression, and other related topics. Students will analyze behavioral issues and explore strategies for classroom management. Students will develop guidance techniques for modifying inappropriate behaviors. 18 lecture hours.

CHLD 181
Infant and Toddler Caregiver:
Relationships
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is one of four one-unit classes in Infant and Toddler Caregiving based on the Responsive Caregiving approach. Students in this class will examine the impact of teacher/parent relationships on the quality of Infant and Toddler Caregiving and review and evaluate techniques for supporting families. This class partially meets the licensing requirement for 3 units in infant and toddler care and development. 18 lecture hours.

CHLD 182
Infant and Toddler Caregiver:
Socialization and Emotional
Development
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is one of four one-unit classes in Infant and Toddler Caregiving based on the Responsive Caregiving approach. Students in this class will study infant and toddler temperaments, stages of social and emotional development, appropriate guidance, and responsive curriculum for group care. This class partially meets the licensing requirement for 3 units in infant and toddler care and development. 18 lecture hours.

CHLD 183
Infant and Toddler Caregiver:
Learning and Development
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is one of four one-unit classes in Infant and Toddler Caregiving based on the Responsive Caregiving approach. Students in this class will learn to recognize cues and to follow the child's interest in order to facilitate the infant's or toddler's discoveries and learning. Students will learn to base the curriculum on the child's interest and readiness. This class partially meets the licensing requirement for 3 units in infant and toddler care and development. 18 lecture hours.

CHLD 184
Infant and Toddler Caregiver:
Environments and Routines
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is one of four one-unit classes in Infant and Toddler Caregiving based on the Responsive Caregiving approach. Students in this class will learn to set up a safe, intimate, and interesting environment for infants and toddlers. They will also learn the techniques of responsive caregiving in daily routines. This class partially meets the licensing requirement for 6 units in infant and toddler care and development. 18 lecture hours.

CHLD 190**Administration of Early Childhood Education Programs I****3 Units****Grade Only****Prerequisite(s): CHLD 110 or CHLD 111 or PSY 206 and CHLD 112 and CHLD 114.**

Students who meet one of the following conditions may also qualify for this course: (1) Students who possess a California Child Development "Teacher" level permit on the state-wide. (2) Students with two years of work experience at the teacher level in early childhood education.

Introduction to the basic principles of administration of early childhood education programs. Includes specific topics of curriculum development and evaluation; staff selection, supervision and evaluation; laws and regulations; site development and supervision; budgeting and fiscal management; parent education; health and safety supervision; time management and problem solving techniques. This class meets state requirements for supervision of Title XXII preschool programs. 54 lecture hours.

CHLD 191**Administration of Early Childhood Education Programs II****3 Units****Grade Only****Prerequisite(s): CHLD 110 or PSY 206 and CHLD 112, CHLD 114 and CHLD 116.**

Student may substitute other courses but must have 12+ units of child development coursework.

Introduction to the policies and procedures specific to state funded programs. Includes Title V regulations, evaluation of programs utilizing the state mandated Program Quality Review, development of proposals and grant requests for state or other funding, process of promulgating regulations, affecting proposed regulations, staff development and training, development of program policies. 54 lecture hours.

CHLD 194**Personnel Issues in Adult Supervision and Mentoring****3 Units****Grade Only****Prerequisite(s): CHLD 156 and CHLD 156L.**

This course addresses those personnel issues most often encountered by ad-

ministrators of Early Childhood Education program including: policies and procedures for selection and supervision of staff; pre-service and in-service education; leadership and motivation; team building; conflict resolution; supervision and evaluation. 54 lecture hours.

Computer Information Systems

(Technology and Engineering Department)

The CIS program includes microcomputer applications and computer support of business organizations. The program offers state-of-the-art training in the use of business application software and hardware to prepare students for professional careers, transfer study, and/or personal use. Students receive hands-on training in laboratory facilities. Faculty members work with industry and business to ensure relevant training. CIS courses satisfy general education requirements for an associate degree, an associate degree in liberal arts with an emphasis in business technology, and lower division transfer.

Computer Information Systems Courses**CIS 099****Introduction to Windows and Personal Computers****2 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

This course covers computer literacy concepts. It provides an introduction to the personal computer via the Windows operating systems. The course prepares students to operate a computer using the Windows graphical user interface. It is designed for students with no previous computer experience. 36 lecture hours.

CIS 107**Information Systems and Applications****4 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, CIS 099.**

This course covers essential concepts of

information technology. Topics include computer hardware, software, programming concepts, network/Internet technologies, ethics and emerging technologies. 72 lecture hours. CSU;UC

CIS 109**Network and Computer Security****4 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

Covers basics of general security concepts, network security, communication security, infrastructure security. Business continuity, disaster recovery, planning and prevention will be covered. This course will lay the foundation for attendees to complete the CompTIA Security+ certification tests. 54 lecture hours, 54 lab hours.

CIS 119**Introduction to Web Programming****3 Units****Grade or Pass/No Pass****Prerequisite(s): CIS 099 or CIS 107. Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

This course provides students with the skills to design and publish Web pages using the latest version of XHTML. Students will also work with XML and JavaScript to create custom Web pages for personal and professional environments. 54 lecture hours. CSU

CIS 130**Microcomputer Applications I****4 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, CIS 099.**

Students will use the personal computer to learn an office suite, such as Microsoft Office, that includes word processing, electronic spreadsheets, database management systems, multimedia/presentation graphics, personal information management and an introduction to the Windows OS. This course prepares the student to take the Microsoft Office User Specialist certification exam. 72 lecture hours. CSU;UC

CIS 150
Web Development with Dreamweaver
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, CIS 099.

This course is part of a series exploring the Macromedia Suite (Dreamweaver, Flash, Fireworks). This course introduces the basic features of Dreamweaver. Topics include: the Dreamweaver interface, CSS, HTML integration, images, tables, forms, and layers. 54 lecture hours.

CIS 154
Web Development with Fireworks
2 Units

Grade or Pass/No Pass

Prerequisite(s): CIS 099 or CIS 107. Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, CIS 150.

This course is part of a series exploring the Macromedia Suite (Dreamweaver, Flash, Fireworks). This course introduces the basic features of Fireworks to create, modify, and export graphic objects to Web design software such as Dreamweaver. Topics include: the Fireworks workspace, vector/bitmap graphics, text enhancements, and building interactive graphics. 36 lecture hours.

CIS 156
Web Development with Flash
2 Units

Grade or Pass/No Pass

Prerequisite(s): CIS 099 or CIS 107. Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, CIS 150.

This course is part of a series exploring the Macromedia Suite (Dreamweaver, Flash, Fireworks). This course introduces the basic features of Flash to create media-rich elements that integrate with Web pages. Topics include: the Flash interface, creating animations, adding buttons, actions, and sounds. 36 lecture hours.

CIS 162
Electronic Spreadsheets Using Microsoft Excel
3 Units

Grade or Pass/No Pass

Strongly recommended: ENGL 099 if

required by English placement exam or if required by English level.

This course provides comprehensive instruction in the use of spreadsheet software to create, edit, store, retrieve, and print spreadsheets and charts. Topics include completing calculations, making decisions, organizing and graphing data, developing professional looking reports, publishing organized data to the Web, and accessing real-time data from Web sites. 54 lecture hours. CSU

CIS 230
Microcomputer Applications II - Advanced MS Office
4 Units

Grade or Pass/No Pass

Strongly Recommended: CIS 130.

A second course in the use of microcomputers for personal and professional productivity. Students will use the personal computer to learn Microsoft Office (i.e., Word, Excel, Access, & PowerPoint) at an advanced level. Covers the advantages of using integrated software over a single application. 72 lecture hours. CSU

Communications

(Language Arts Department)

Communications includes instruction in mass media and laboratory experiences in media arts and journalism. The program includes print journalism, publications, broadcasting, narrowcasting, podcasting, public relations, desktop publishing, film studies, reporting and writing news, multimedia reporting, and visual, digital, and mobile communications. Included in the communications program are critical and analytical thinking skills, sensitivity to cultural diversity, and ethical communication. Courses in communications satisfy general education requirements for the associate degree and lower division transfer and can be used to fulfill some of the requirements for an associate degree major in Language Arts. The program also offers a transfer degree.

Communications Courses

COMM 100
Mass Media and Society
3 Units

Grade or Pass/No Pass

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. English

placement exam or if required by English level.

A survey and evaluation of mass media in economic, historical, political, psychological, and sociological terms. Focuses on helping the media consumer understand the power and significance of mass communications: books, newspapers, magazines, radio, television, motion pictures, the Internet, public relations, and advertising. Discusses the rights and responsibilities and inter-relatedness of media in a diverse global society. Required for all communications and journalism majors; also a general interest course. 54 lecture hours. CSU;UC

COMM 101
Reporting and Writing News
3 Units

Grade Only

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to defining, gathering, and writing the news. Stresses accuracy, objectivity, fairness, and balance. Practice in interviewing techniques, following rules of professional style, and writing basic news story structures for print, broadcast and online publications. Discussion of issues involving press rights and responsibilities, cultural sensitivity, taste, libel, and ethics. Required of all communication and journalism majors. 54 lecture hours. CSU

COMM 103
Freelance Journalism
1 Unit

Grade Only

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to accommodate students who want to contribute to the campus newspaper, magazines and/or student publications websites but are unable to enroll in regular staff classes. Students who are interested in advertising, writing, photography, art, graphics and/or page design may participate in student publications to a limited extent through this class. 54 lab hours. CSU

COMM 104
Public Relations
3 Units

Grade Only

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of public relations history, theories, and practices with emphasis on applications to business, public agencies and institutions. A practical approach to using the media, creating publicity releases, organizing and executing campaigns. Explores job opportunities of particular interest to communications majors. 54 lecture hours. CSU

COMM 136
Cultural History of American Films
3 Units
Grade Only

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

In considering the history of American commercial motion pictures from their origins to the present, students will study film language, the social composition of audiences, the economics of the film industry, major themes and genres that have appeared in American films, and the relationship between politics and American motion pictures. Meets IGETC fine arts requirement. 54 lecture hours. CSU;UC

COMM 200
Visual Communications
3 Units
Grade Only

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to the history of film and television as visual mass media. Analysis of seminal films and television programs with emphasis on their evolution as entertainment media and their impact on society. 54 lecture hours. CSU;UC

COMM 230
Desktop Publishing
3 Units
Grade Only

Strongly Recommended: COMM 101. Computer instruction and practice. Analysis of story structures and effectiveness of written material, rewriting, correction of errors, proofreading, headline writing, news and picture evaluation, and page design. Hands-on experience working on student publications with the college newspaper and magazine staffs. 36 lecture hours, 54 lab hours. CSU

COMM 240A
Newspaper Production: Beginning Staff
3 Units
Grade Only

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Also, COMM 101.

An introductory lecture/laboratory journalism course that produces the college newspaper, the Clarion, and its website. Beginning staff members learn fact-based story telling techniques and modern news production skills. In collaboration with other publications classes, beginning staffers write, photograph, illustrate, and edit news, features and opinion for publication for student media. 36 lecture hours, 54 lab hours. CSU

COMM 240B
Multimedia Newsroom: Intermediate Staff
3 Units
Grade Only

Prerequisite(s): COMM 240A. Strongly Recommended: COMM 101.

A lecture/laboratory journalism course that produces the college newspaper, the Clarion, and website. Working in teams, and in collaboration with the other student publications classes, intermediate reporters produce news and feature story packages that may include a main article, sidebars, photos, charts and graphs, and/or illustrations for publication. 36 lecture hours, 54 lab hours. CSU

COMM 240C
Multimedia Newsroom: Senior Staff
3 Units
Grade Only

Prerequisite(s): COMM 240A. Strongly Recommended: COMM 101 and COMM 240B.

Advanced level lecture/laboratory journalism course that produces the college newspaper, the Clarion, and website. Senior staffers learn and put into practice the "watchdog" function of journalism. Working in teams, and in collaboration with the other student publications classes, senior staffers produce in-depth, investigative and enterprise story packages that may include a main article, sidebars, photos, charts and graphs, and/or illustrations for publication. 36 lecture hours, 54 lab hours. CSU

COMM 240D
Multimedia Newsroom: Staff Leadership
3 Units
Grade Only

Prerequisite(s): COMM 240A. Strongly Recommended: COMM 101, COMM 240B and COMM 240C.

Advanced level lecture/laboratory leadership training journalism course that produces the college newspaper, the Clarion, and website. Staff leaders serve as mentors, associate editors, and editor in chief to develop and guide less experienced students striving for journalism proficiency. Working in teams, and in collaboration with the other student publications classes, staff leaders produce story packages and special sections for publication as they advance toward professionalism. 36 lecture hours, 54 lab hours. CSU

COMM 245A
Editorial Board
2 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, COMM 101.

A study of the major aspects of editorial responsibilities. The course provides practical instruction and experience for campus editors in writing, editing, and evaluating editorials in student media, as well as formulating editorial policy. 36 lecture hours. CSU

COMM 250
Multimedia Reporting
3 Units
Grade Only

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Also, COMM 101.

This convergence journalism course incorporates print and broadcast techniques to produce multimedia pieces for the web. This includes multimedia storytelling incorporating writing, digital photography, shooting and editing video, and recording and editing sound. 54 lecture hours. CSU

Cosmetology

(Cosmetology Department)

Cosmetology, a career technical program, prepares students for careers in the beauty industry through training in hair cutting, hair styling, make-up design, skin care, nail care, sales, and entrepreneurship. The program uses Pivot Point methodology. Courses may lead to an associate degree in cosmetology and/or a certificate of achievement in cosmetology. Upon completion of the courses, students are qualified to take the State Barbering and Cosmetology exam to become a licensed cosmetologist.

The Esthetician program, a career technical program that is a subset of Cosmetology, provides students with the fundamental skills and knowledge related to healthy skin care: theoretical science, sanitation and disinfecting procedures, the safe employment of electrical modalities, make-up techniques, and cosmetic hair removal techniques. Courses lead to a certificate of achievement as an esthetician and can also apply toward an associate degree in Cosmetology. The program provides an entry-level career as an esthetician. Upon completion of the coursework, students are qualified to take the State Barbering and Cosmetology examination to become a licensed esthetician.

Cosmetology Courses

COS 140 Introduction to Cosmetology 12 Units Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is the introductory course for students majoring in cosmetology. The course includes the exploration of a variety of subjects including sculpting, styling, facials, manicuring, hair coloring, chemical texturizing and practical experience in cosmetology. 162 lecture hours, 162 lab hours.

COS 141 Introduction to Cosmetology 11 Units Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is the introductory course for

students majoring in cosmetology. The course includes the exploration of a variety of subjects including hairsculpting, hairstyling, skin care, nail care, hair coloring, chemical texturizing and practical experience in cosmetology. Material fee. 144 lecture hours, 144 lab hours.

COS 151 Salon Success 4.5 Units Grade Only

Prerequisite(s): COS 141.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the study of professional ethics, client building skills and State Board rules and regulations from Cosmetology 141. Lecture, demonstration and practical experience in the following areas: communication, character building, goal setting, client retention and public safety. 60 lecture hours, 84 lab hours.

COS 152 Beginning Chemical Hair Reformation 4.5 Units Grade Only

Prerequisite(s): COS 140.

A continuation of the science and theory of professional hair sculpting, chemical reformation and procedures introduced in COS 140. Lectures, demonstrations, and practical experience in the following areas: permanent waving, chemical straightening, chemistry of products, and the proper use of professional implements. 45 lecture hours, 117 lab hours.

COS 153 Advanced Chemical Reformation of the Hair 4.5 Units Grade Only

Prerequisite(s): COS 152.

A continuation of the science and theory of professional haircutting, permanent waving techniques and procedures introduced in COS 152. Lectures, demonstrations, and practical experience in the following areas: hair reformation, trichology, scalp and chemical procedures and treatments. 45 lecture hours, 117 lab hours.

COS 154 Beginning Haircoloring 4.5 Units Grade Only

Prerequisite(s): COS 140.

A continuation of the science and theory of professional haircoloring techniques and procedures introduced in COS 140. Lectures, demonstrations, and practical experience in the following areas: chemistry of products and hair analysis. 45 lecture hours, 117 lab hours.

COS 155 Advanced Haircoloring 4.5 Units Grade Only

Prerequisite(s): COS 154.

A continuation of the science, theory, professional haircoloring techniques, and procedures introduced in COS 154. Lectures, demonstrations, and practical experience in the following areas: tinting procedures, bleaching procedures, specialized color application, and corrective hair color. 45 lecture hours, 117 lab hours.

COS 156 Beginning Manicuring 4.5 Units Grade Only

Prerequisite(s): COS 140.

A continuation and expansion of manicuring, pedicuring techniques and procedures for the professional cosmetologist that were introduced in COS 140. 45 lecture hours, 117 lab hours.

COS 158 Beginning Restructuring of the Hair 4.5 Units Grade Only

Prerequisite(s): COS 140.

A continuation of the science and theory of professional hairstyling techniques and procedures completed in COS 140. Lectures, demonstrations and practical experience in the following areas: wet hair styling, thermal styling, hair sculpting, safety, and disinfecting. 45 lecture hours, 117 lab hours.

COS 161 Haircolor 8 Units Grade Only

Prerequisite(s): COS 141.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science, theory,

professional haircoloring techniques, and procedures following COS 141. Lectures, demonstrations, and practical experience in the following areas: advanced hair coloring procedures, advanced lightening procedures, specialized color application, and corrective haircolor. 80 lecture hours, 208 lab hours.

COS 161A
Haircolor I
4 Units
Grade Only

Prerequisite(s): COS 140 or COS 141 or concurrent enrollment.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional haircoloring techniques and procedures introduced in COS 141. Lectures, demonstrations, and practical experience in the following areas: chemistry of products, hair analysis, practical application and design principles. Part one of a two-part course. 40 lecture hours, 104 lab hours.

COS 161B
Haircolor II
4 Units
Grade Only

Prerequisite(s): COS 154 or COS 161A.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science, theory, professional haircoloring techniques, and procedures following COS 161A. Lectures, demonstrations, and practical experience in the following areas: advanced hair coloring procedures, advanced lightening procedures, specialized color application, and corrective haircolor. Part two of a two-part course. 40 lecture hours, 104 lab hours.

COS 163
Beginning Facial Treatment, Skin Care and Make-up
4.5 Units
Grade Only

Prerequisite(s): COS 140.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional skin care, make-up techniques and procedures introduced in COS 140. Lectures, demonstrations and practical experience in the following areas:

anatomy and physiology of the face and neck, diseases and disorders of the skin, chemistry of skin care products, electricity and electrical modalities for facials and skin care, light therapy for skin care, and facial treatments including packs and masks. 45 lecture hours, 117 lab hours.

COS 165
Esthetician I
10 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course of skin care treatments, hair removal, make-up application, anatomy and physiology. Disease and disorders of the skin, cosmetic chemistry, electrical current and modalities for skin care and disinfecting. Part one of a two-part course. 90 lecture hours, 270 lab hours.

COS 166
Esthetician II
10 Units
Grade Only

Prerequisite(s): COS 165.

This course completes the two-part esthetician program. It includes advanced and customized facial treatments, make-up artistry and color coordination, and product knowledge. 90 lecture hours, 270 lab hours.

COS 167
Cosmetology Licensure Preparation
2 Units
Pass/No Pass

Prerequisite(s): Minimum 1000 course hours earned or valid cosmetology license from another state.

This course will focus on preparing students for the California State Board Examination. Emphasis on consumer safety, sanitary practice, state board skills and procedures. This course is offered for Pass/No Pass grading only. 36 lecture hours, 36 lab hours.

COS 172A
Hair Design I
4 Units
Grade Only

Prerequisite(s): COS 161B and COS 181B.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional hairstyling techniques

and procedures completed in COS 141. Lectures, demonstrations and practical experience in the following areas: wet hairstyling, thermal styling and long hair design. Part one of a two-part course. 40 lecture hours, 104 lab hours.

COS 172B
Hair Design II
4 Units
Grade Only

Prerequisite(s): COS 158 or COS 172A.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional hairstyling techniques and procedures following COS 172A. Lectures, demonstrations, and practical experience in the following areas: Hair care, scalp diseases/ disorders, advanced wet/thermal hairstyling, advanced long hair design, and creative artistry in hair design. Part two of a two-part course. 40 lecture hours, 104 lab hours.

COS 178A
Chemical Texturizing I
4 Units
Grade Only

Prerequisite(s): COS 161B and COS 181B.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional permanent waving and straightening techniques and procedures introduced in Cosmetology 141. Lectures, demonstrations, and practical experience in the following areas: permanent waving, chemical hair straightening and the chemistry of products. Part one of a two-part course. 40 lecture hours, 104 lab hours.

COS 178B
Chemical Texturizing II
4 Units
Grade Only

Prerequisite(s): COS 152 or COS 178A.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional permanent waving and straightening techniques and procedures introduced in COS 178A. Lectures, demonstrations and practical experience in the following areas: hair reformation, trichology, scalp and chemical procedures

and treatments. Part two of a two-part course. 40 lecture hours, 104 lab hours.

COS 181
Hairsculpting I
8 Units
Grade Only

Prerequisite(s): COS 141.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the theory of professional haircutting techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: ladies haircutting, male haircutting and clipper cutting. 80 lecture hours, 208 lab hours.

COS 181A
Hairsculpting I
4 Units
Grade Only

Prerequisite(s): COS 140 or COS 141 or concurrent enrollment.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the theory of professional haircutting techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: Women's haircutting, men's haircutting and clipper cutting. Part one of a two-part course. 40 lecture hours, 104 lab hours.

COS 181B
Hairsculpting II
4 Units
Grade Only

Prerequisite(s): COS 181A.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the theory of professional haircutting techniques and procedures following COS 181A. Lectures, demonstrations and practical experience continue with advanced techniques applied in ladies and male haircutting. Part two of a two-part course. 40 lecture hours, 104 lab hours

COS 182
Skincare
4 Units
Grade Only

Prerequisite(s): COS 140 or COS 141 or concurrent enrollment.
Strongly Recommended: ENGL 099 if required by English placement exam

or if required by English level.

A continuation of the science and theory of professional skincare, make-up techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: anatomy and physiology, skin diseases and disorder, hair removal, electricity and electrical modalities for facials/ skincare and facial treatments. 40 lecture hours, 104 lab hours.

COS 183
Nail Care
4 Units
Grade Only

Prerequisite(s): COS 140 or COS 141 or concurrent enrollment.
Strongly Recommended: ENGL 099 or if required by English placement exam or if required by English level.

A continuation of the science and theory of professional nail care techniques and procedures introduced in Cosmetology 141. Lectures, demonstrations, and practical experience in the following areas: natural nail care, artificial nail enhancements, products, procedures and safety measures for the professional cosmetologist. 40 lecture hours, 104 lab hours.

COS 185
Skin and Nail Care
9 Units
Grade Only

Prerequisite(s): COS 141.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional skin and nail care introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: facial treatments, electricity, anatomy, hair removal, nail treatments, nail enhancements and products. 120 lecture hours, 168 lab hours.

COS 191
Hair Design
8 Units
Grade Only

Prerequisite(s): COS 161 and COS 181.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory of professional hairstyling techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: hair care, set design, thermal styling, long

hair design and creative artistry in hair design. 80 lecture hours, 208 lab hours.

COS 199 A
Esthetician I
8 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course of skin care treatments, hair removal, make-up application, anatomy and physiology. This course also includes massage techniques, sanitation and disinfecting, disease and disorders of the skin, cosmetic chemistry, electrical current and modalities for skin care. The course focuses on the basic skills required to achieve a State Board License. Phase one of a three-part course. 72 lecture hours, 216 lab hours.

COS 199B
Esthetician II
8 Units
Grade Only

Prerequisite(s): COS 165 or COS 199A.

This course is phase two of the esthetician program. A basic course which includes state board preparedness, customized facial treatments, the psychology of services, make-up artistry, color coordination, product knowledge and aromatherapy. Must be completed before entering phase three, "Salon Fundamentals." 72 lecture hours, 216 lab hours.

COS 199C
Esthetician Salon Success
3 Units
Grade Only

Prerequisite(s): COS 199B.

This is the final phase in the completion of the esthetician program. This course provides students with basic salon management skills, sales, and client retention, as well as information required to pass the licensed exams. Students will focus on personal satisfaction and skilled habits to ensure success in the industry 36 lecture hours, 79 lab hours.

COS 201
Texture
8 Units
Grade Only

Prerequisite(s): COS 161 and COS 181.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A continuation of the science and theory

of professional permanent waving and straightening procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: chemical hair reformation techniques, treatments and formulations. 80 lecture hours, 208 lab hours.

Counseling

(Counseling Department)

The Counseling Program offers specially designed curriculum to meet the broad psycho-social needs of our diverse student population. Counseling courses provide a gateway to understanding the programs and services offered at Citrus College. Course curriculum addresses the issues of transition to college, educational planning, college success, transfer, career exploration and decision making, student responsibility, and educational goal setting.

Counseling Courses

COUN 145

Career/Life Planning

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Through personal exploration, occupational research and the study of contemporary work issues, students will increase their understanding of the relationship of the individual to the economic community and develop individual career plans. 54 lecture hours. CSU

COUN 156

College Planning Today for Tomorrow

1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in helping students transition to college life. Students will receive practical information about college services, effective study habits, and individual educational planning. Emphasis is on college and career decisions as catalysts for growth. 18 lecture hours. CSU

COUN 158

Transfer Planning

1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides in-depth information and assistance with the transfer process to four-year colleges/universities. It is designed to enable students to actively participate in planning their educational and career goals by providing information about the process and requirements for transferring from a community college to a university. Lower division major and general education requirements, college/university selection, admission procedures, application deadlines, financial aid and scholarship information are covered. 18 lecture hours. CSU

COUN 159

On Course to Success

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The subject of this course is SUCCESS... what success is for you personally and how you can achieve it. Students will learn many proven strategies for creating greater academic, professional, and personal success. Guided journal writings will be used to explore these strategies, and as a bonus, students will learn to express themselves more effectively in writing. This course will help students discover how to create a rich, personally fulfilling life. Students are urged to make the most of this course in order to dramatically change the outcome of their lives for the better. 54 lecture hours. CSU

COUN 160

Strategies for College Success

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course designed to give students the opportunity to create and change their habits and vision in order to have a rich, full, and rewarding scholastic life through adoption of positive attitude and critical thinking techniques. The course integrates the intellectual, physiological, social, and psychological aspects of being a college student. Learning strategies will be introduced that can be immediately

and continuously applied so that students leave the course with confidence, enthusiasm, and a passion to succeed. 54 lecture hours. CSU;UC

COUN 161

Higher Education Transitional Skills for Student Veterans and their Families

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course designed to assist veterans in re-integrating to civilian life using physiological, social and psychological aspects of being a student. This course is also designed to give the veteran student the opportunity to create and change their habits and vision in order to have a rich, full, and rewarding scholastic life through adoption of positive attitude and critical thinking techniques. The course will introduce strategies to increase self-awareness, build confidence, develop leadership and gain informational tools to help achieve successful habits and implement study skills addressing the veteran student's needs. It will provide an essential opportunity to acquire skills applicable to the student's academic program, family life, and employability which will support transition. 54 lecture hours. CSU;UC

Computer Science Courses

CS 111

Introduction to Programming Concepts and Design

4 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, CIS 107.

An introduction to the principles of computer programming and software development. Topics covered include the program development cycle, developing algorithms, data and control structures, structured programming, and object-oriented programming. Data types, expressions, control structures, functions, file and stream I/O, and structured and abstract data types are introduced in this course. Microsoft's Visual Studio will be used to help illustrate programming concepts common to modern high-level programming languages. 72 lecture hours. CSU;UC

CS 225
Object Oriented Programming
3 Units
Grade Only

Strongly Recommended: CS 111 and MATH 150.

This course introduces the discipline of computer science using a high level language utilizing programming and practical hands-on problem solving. Topics include the use of functions and parameter passing, simple I/O, control structures, user-defined data types, arrays, searching and sorting, algorithms and debugging strategies, data abstraction, concept of types and software development methods. 54 lecture hours, 18 lab hours. CSU;UC

CS 232
Programming Concepts and Methodology II
3 Units
Grade Only

Prerequisite(s): CS 225.

Application of software engineering techniques to the design and development of large programs; data abstraction and structures and associated algorithms. 54 lecture hours, 18 lab hours. CSU;UC

CS 242
Computer Architecture and Organization
3 Units
Grade Only

Prerequisite(s): CS 225.

The organization and behavior of real computer systems at the assembly-language level. The mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined, noting the various data representation errors and potential procedural errors. 54 lecture hours. CSU;UC

CS 252
Discrete Structures
3 Units
Grade Only

Strongly Recommended: CS 225.

This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: Functions, Relations and Sets; Basic Logic; Proof Techniques; Basics of Counting; Graphs and Trees; and Discrete Probability. 54 lecture hours. CSU;UC

Dance

(Performing Arts Department)

Important Information About Dance Course Descriptions

Dance courses are now grouped together as course "families." Students are allowed to take only four courses from each "family." All grades received, including F, WD, and NC grades count towards the four courses.

The Dance course families are listed as follows. New courses are in blue.

Tap

- DANC 159 – Beginning Tap
- DANC 259 – Intermediate Tap I
- DANC 269 – Intermediate Tap II
- DANC 279 – Advanced Tap

Jazz

- DANC 160 – Jazz Dance Techniques
- DANC 260 – Intermediate Jazz Dance I
- DANC 270 – Intermediate Jazz Dance II
- DANC 281 – Advanced Jazz Dance I

Ballet

- DANC 162 – Beginning Ballet
- DANC 262 – Intermediate Ballet I
- DANC 272 – Intermediate Ballet II
- DANC 292 – [Advanced Ballet I](#)

Modern

- DANC 161 – Beginning Modern Dance
- DANC 261 – Intermediate Modern Dance I
- DANC 271 – Intermediate Modern Dance II

Alignment/Correctives

- DANC 130 – Alignment/Correctives

Introduction/Hip Hop

- DANC 103 – Introduction to Dance
- DANC 158 – Beginning Hip Hop Dance Techniques
- DANC 258 – [Intermediate Hip Hop Dance](#)

Musical Theatre Dance

- DANCE 263 – Dance for Musical Theatre
- DANC 263A – Dance for Musical Theatre-Intermediate
- DANCE 265 – Musical Staging: Rehearsal and Performance
- DANC 265A – Musical Staging: Rehearsal and Performance-Beginning

- DANC 265B – Musical Staging: Rehearsal and Performance-Intermediate

Popular Dance

- DANC 264 – Beginning Popular Dance Techniques
- DANC 266 – Pop Dance: Rehearsal and Performance
- DANC 284 – [Intermediate Popular Dance](#)
- DANC 296 – [Pop Dance: Rehearsal and Performance Choreography and Production](#)

Choreography and Production

- DANC 172 – Composition in Group Forms
- DANC 289 – Dance Concert Production

The study of dance trains students in various dance genres, including jazz, classical ballet, tap, and modern dance and provides a foundational dance background in history and kinesiology. Both a transfer and a career technical education program, this area of study offers performance opportunities for both dance majors and non-majors. The College has a relationship with Cirque du Soleil which provides students the opportunity for internships. Courses in dance satisfy general education requirements for the associate degree.

Dance Courses

(See Also Music)

DANC 102
History of Dance
3 Units
Grade or Pass/No Pass

A survey of dance from tribal, ethnic, and folk dance forms including Renaissance Europe, Louis XIV, the Golden Age of Ballet, and the Diaghilev Era, concluding with 20th Century dance including jazz, African-American influences, neo-classic ballet, modern, hip-hop and world dance. 54 lecture hours. CSU;UC

DANC 103
Introduction to Dance
1 Unit
Grade or Pass/No Pass

An introduction to dance as an art form through lecture and activity. The student will experience historical and contemporary dance forms, such as ballet, modern jazz, hip hop, and tap. This is the pre-

requisite course for all beginning level technique classes. 18 lecture hours, 36 lab hours. CSU;UC

DANC 130
Alignment and Correctives
2 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A class for non-dancers and dancers seeking an introduction to the structural aspects that affect movement and gait. Lectures include biomechanical and neuromuscular aspects of the body. Practical hours include in-depth study of Pilates mat techniques and Gyro-kinesis. 36 lecture hours, 18 lab hours. CSU;UC

DANC 158
Beginning Hip-Hop Dance Techniques
1 Unit
Grade or Pass/No Pass

Prerequisite(s): DANC 103 or Audition.

A survey of the basic skills of hip-hop dance technique and history. This class provides basic technique, warm-ups, stretching, body control and stamina progressing to hip-hop dance combinations. This class prepares students specifically for occupational dance performance techniques in the hip-hop commercial dance industry. 18 lecture hours, 36 lab hours. CSU;UC

DANC 159
Beginning Tap
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 103 or Audition.

Designed to instruct students in the dance technique of beginning tap. 18 lecture hours, 18 lab hours. CSU;UC

DANC 160
Jazz Dance Techniques
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 103 or Audition.

A survey of the beginning level skills in jazz movement. This class provides basic technique and practice, warm-ups, stretching, body control, and the building of stamina and strength progressing to dance combinations. 18 lecture hours, 36 lab hours. CSU;UC

DANC 161
Beginning Modern Dance
1 Unit
Grade or Pass/No Pass

The study of dance through varied individual and group experiences in Beginning Modern Dance, with emphasis on increasing the individual's ability to use movement creatively. 18 lecture hours, 36 lab hours. CSU;UC

DANC 162
Beginning Ballet
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 103 or Audition.

Designed to instruct students in the beginning level dance technique of classical ballet. Ballet barre, center floor and historical context of classical ballet are covered. 18 lecture hours, 36 lab hours. CSU;UC

DANC 172
Composition in Group Forms
2 Units
Grade or Pass/No Pass
Prerequisite(s): DANC 160 or DANC 161 or DANC 162 or Audition.

A practical course guiding the student in choreographic structure, designed specifically for group forms. All movement exploration will be on the basis of ballet, jazz or modern dance technique. 18 lecture hours, 54 lab hours. CSU;UC

DANC 258
Intermediate Hip-Hop Dance
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 158.

A survey of the intermediate level skills of hip-hop dance technique and history. This class provides intermediate level technique, warm-ups, stretching, body control and stamina progressing through hip-hop dance combinations. This class prepares students specifically for occupational dance performance techniques in the hip-hop commercial dance industry. 18 lecture hours, 36 lab hours. CSU;UC

DANC 259
Intermediate Tap I
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 159 or Audition.

Designed to instruct students in the intermediate dance technique of tap. More study of the positions and combinations

of tap. 18 lecture hours, 18 lab hours. CSU;UC

DANC 260
Intermediate Jazz Dance I
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 160 or Audition.

Development of the techniques necessary to execute modern jazz dance. This class is designed to further develop the techniques of the student with intermediate instruction in stretching, body control, strength, stamina more challenging dance combinations and progression of personal style. 18 lecture hours, 36 lab hours. CSU;UC

DANC 261
Intermediate Modern Dance I
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 161 or Audition.

A continuing study of modern dance with more in depth instruction in the technique and creative elements of the dance form, including individual and group in-class projects. 18 lecture hours, 36 lab hours. CSU;UC

DANC 262
Intermediate Ballet I
1 Unit
Grade or Pass/No Pass
Prerequisite(s): DANC 162 or Audition.

Designed to instruct students in the intermediate dance technique of classical ballet. A more in-depth study of the positions and combinations of ballet. 18 lecture hours, 36 lab hours. CSU;UC

DANC 263A
Dance for Musical Theatre-Beginning
4 Units
Grade or Pass/No Pass
Prerequisite(s): Audition.

This course is an in-depth performance experience focusing on styles of body movement for Musical Theatre stage productions. The fundamentals of dance will be reviewed, including beginning ballet positions and exercises and beginning tap. Concepts of the history of dance in musical stage will also be explored. 36 lecture hours, 108 lab hours. CSU;UC

DANC 263B
Dance for Musical Theatre-
Intermediate
4 Units

Grade or Pass/No Pass
Prerequisite(s): DANC 263A or
Audition.

This course is an in-depth performance experience focusing on styles of body movement for Musical Theatre stage productions at the intermediate level. The fundamentals of dance will be reviewed, progressing to intermediate ballet positions as well as intermediate jazz, tap and musical theatre terminology. Concepts of the history of dance in musical stage will also be explored in greater detail. 36 lecture hours, 108 lab hours. CSU;UC

DANC 264
Beginning Popular Dance
Techniques
4 Units

Grade or Pass/No Pass
Prerequisite(s): Audition.

This course is an in-depth performance experience focusing on beginning level popular dance styles. The fundamentals of dance will be reviewed, and a focus on modern dance styles and techniques will be explored. Concepts of commercial dance techniques for videos and pop stage will also be studied. 36 lecture hours, 126 lab hours. CSU;UC

DANC 265A
Musical Staging: Rehearsal and
Performance- Beginning
2 Units

Grade or Pass/No Pass
Prerequisite(s): Audition.

Special rehearsal and public performance above and beyond normal class expectations. Beginning level musical staging techniques are explored in practicum assignments for live theatrical production. 18 lecture hours, 54 lab hours. CSU;UC

DANC 265B
Musical Staging: Rehearsal and
Performance- Intermediate
2 Units

Grade or Pass/No Pass
Prerequisite(s): DANC 265A or
Audition.

Special rehearsal and public performance in musical staging above and beyond normal class expectations- intermediate level. 18 lecture hours, 54 lab hours. CSU;UC

DANC 266
Pop Dance: Rehearsal and
Performance- Beginning
2 Units

Grade or Pass/No Pass
Prerequisite(s): Audition.
 Special rehearsal and public performance above and beyond normal class expectations- beginning level. 18 lecture hours, 54 lab hours. CSU;UC

DANC 269
Intermediate Tap II
1 Unit

Grade or Pass/No Pass
Prerequisite(s): DANC 259 or
Audition.

A more in-depth study of students' abilities and techniques in tap dance progressing from the intermediate to advanced level. Increased emphasis on style, speed and accuracy of sounds. 18 lecture hours, 18 lab hours. CSU;UC

DANC 270
Intermediate Jazz Dance II
1 Unit

Grade or Pass/No Pass
Prerequisite(s): DANC 260 or
Audition.

Designed to instruct students in the advanced techniques of advanced jazz dance for the purpose of performance. More challenging dance combinations and instruction in individual body control, strength, stamina, style, and line. 18 lecture hours, 36 lab hours. CSU;UC

DANC 271
Intermediate Modern Dance II
1 Unit

Grade or Pass/No Pass
Prerequisite(s): DANC 261 or
Audition.

A more advanced study of modern dance through varied individual and group experiences. Includes more complicated exercises and combinations with emphasis on the individual's use of creative movement. 18 lecture hours, 36 lab hours. CSU;UC

DANC 272
Intermediate Ballet II
1 Unit

Grade or Pass/No Pass
Prerequisite(s): DANC 262 or
Audition.

A course in the advanced techniques of classical ballet for the purpose of performance. A more in-depth study of movement vocabulary centered on individual

style, strength, and technique. 18 lecture hours, 36 lab hours. CSU;UC

DANC 279
Advanced Tap I
1 Unit

Grade or Pass/No Pass
Prerequisite(s): DANC 269 or
Audition.

An advanced study of students' abilities and techniques in tap dance. Increased emphasis on style, speed and accuracy of sounds. 18 lecture hours, 18 lab hours. CSU;UC

DANC 281
Advanced Jazz Dance I
1 Unit

Grade or Pass/No Pass
Prerequisite(s): DANC 270 or
Audition.

Designed to instruct students in the advanced techniques of advanced jazz dance for the purpose of performance. More challenging dance combinations and instruction in individual body control, strength, stamina, style, and line. 18 lecture hours, 36 lab hours. CSU;UC

DANC 284
Intermediate Popular Dance
Techniques
4 Units

Grade or Pass/No Pass
Prerequisite(s): DANC 264 or
Audition.

This course is an in-depth performance experience focusing on intermediate level popular dance styles. The fundamentals of dance will be reviewed, and a focus on modern dance styles and techniques will be explored. Concepts of commercial dance techniques for videos and pop stage will also be studied. 36 lecture hours, 126 lab hours. CSU;UC

DANC 289
Dance Concert Production
3 Units

Grade or Pass/No Pass
Prerequisite(s): Audition.

Live dance concert production. Students will function as dance members in a fully produced dance production. The course is also open to all qualified students who wish to participate in production. 36 lecture hours, 72 lab hours. CSU;UC

DANC 292
Advanced Ballet I
1 Unit

Grade or Pass/No Pass

Prerequisite(s): DANC 272.

A course in the upper advanced techniques of classical ballet for the purpose of performance level technique and strength. An intense study of movement vocabulary centered on individual style, strength, and technique. 18 lecture hours, 36 lab hours. CSU;UC

DANC 296
Pop Dance: Rehearsal and Performance- Intermediate
2 Units

Grade or Pass/No Pass

Prerequisite(s): DANC 266.

Special rehearsal and public performance above and beyond normal class expectations- intermediate level. 18 lecture hours, 54 lab hours. CSU;UC

Dental Assisting

(Health Sciences Department)

The Registered Dental Assisting Program prepares students for a career in dentistry. Students begin with classroom and laboratory instruction, which includes the use of dental materials, assisting at the chair/instrumentation, anatomy of the mouth and teeth, infection control and duties of the DA and RDA. Students have direct patient contact during Radiology, Coronal Polishing, Sealants and two rotations totaling 300 hours in a local dental office.

Students who complete the program earn a Certificate of Completion and can apply 18 units toward an A.S. Degree in Dental Assisting. They will also earn Radiation Safety, Coronal Polishing, and Pit & Fissure Sealant Certificates and are eligible to take the California Licensing Examination (RDA) and the National Certification Exam (CDA).

Both the Dental Board of California and the Commission on Dental Accreditation accredit the program.

Dental Assisting Courses

DENT 099
Introduction to Dental Assisting
1 Unit

Grade Only

Strongly Recommended: ENGL 099 if

required by English placement exam or if required by English level.

Open to anyone wanting to explore the possibilities of a career in dental assisting and/or dentistry. This class emphasizes introductory information and skills common to a dental assistant. Includes active learning and hands-on activities. 18 lecture hours, 9 lab hours.

DENT 100
Dental Assisting Basics
2.5 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will give the beginning dental assisting student a foundational knowledge of basic terminology, structures of the oral cavity, tooth morphology, tissues of the teeth, charting, and oral health care. The student will be oriented to the profession of dentistry in terms of governing bodies, professional organizations, ethics and jurisprudence. 45 lecture hours.

DENT 101
Chairside Assisting
3 Units

Grade Only

Prerequisite(s): DENT 100 or concurrent enrollment.

This lecture/lab course provides preclinical instruction in four-handed dentistry techniques and prepares the student to assist a dentist at chairside. Content includes: the use and care of dental equipment, oral evacuation, instrument transfer, tray setups, infection control, preparation of anesthetic syringe, rubber dam, tofflemire matrix, cavity preparation, and rotary and hand instruments. Emphasis is placed on the responsibilities of a chairside dental assistant during general restorative procedures. 45 lecture hours, 72 lab hours.

DENT 102
Dental Materials
2.5 Units

Grade Only

Prerequisite(s): DENT 100 or concurrent enrollment.

This course presents the basic physical and technical aspects of dental materials utilized in restorative and laboratory dental procedures. It is designed to develop the manipulative skills necessary for the application of these materials. 36 lecture hours, 54 lab hours.

DENT 121
Preclinical Dental Science
2 Units

Grade Only

Prerequisite(s): DENT 100 or concurrent enrollment.

The study of the basic structure and function of the human anatomy as it relates to the oral cavity. This course provides instruction on oral histology and embryology, head and neck anatomy, and oral pathology with emphasis on their relationship to and effect on dental treatment. 36 lecture hours.

DENT 122
Infection Control in the Dental Office
1.5 Units

Grade Only

Prerequisite(s): DENT 100 or concurrent enrollment.

This course is designed to prepare the dental assistant in the prevention of disease transmission in the work environment. Emphasis is placed on knowledge of the infectious disease process, use of barriers, sterilization, disinfection, OSHA requirements, and the concept of standard precautions. 27 lecture hours.

DENT 123
Preventive Dental Health
2 Units

Grade Only

Prerequisite(s): DENT 100 or concurrent enrollment.

Fundamental skills involved in assessing the dental patient's health, the effect on dental treatment and the adjustments to dental treatment needed to protect the physical welfare of the patient. This class provides instruction on health history, vital signs, recognition and management of medical emergencies, nutrition, and pharmacology. 36 lecture hours.

DENT 124
Dental Specialties
2 Units

Grade Only

Prerequisite(s): DENT 100 or concurrent enrollment.

The scope of this course includes instruction in the fundamental principles, instrumentation and procedures of various dental specialties with emphasis on the role of the auxiliary in each specialty. 36 lecture hours.

DENT 125
Dental Practice Management
2 Units
Grade Only

Prerequisite(s): *DENT 100 and DENT 101 or DENT 102.*

This course is designed to provide instruction in the application of skills and responsibilities of a business assistant in a dental practice. Fundamentals in basic bookkeeping procedures, communication skills, appointment scheduling, dental insurance, records management, employment preparation, and banking/financial procedures. Instruction includes integration of material through lecture, practical experience and the use of computers. 36 lecture hours, 9 lab hours.

DENT 201
Dental Radiology
2 Units
Grade Only

Prerequisite(s): *DENT 100, DENT 101 and DENT 102.*

This course encompasses the preclinical and clinical instruction in radiation safety, exposing, processing and mounting of radiographs utilizing traditional and digital methods. Student must be 18 years of age or older. 18 lecture hours, 54 lab hours.

DENT 202
Registered Dental Assistant
4 Units
Grade Only

Prerequisite(s): *DENT 101, DENT 102, DENT 121, DENT 122, DENT 123 and DENT 124.*

Strongly Recommended: *ENGL 099 if required by English placement exam or if required by English level.*

This course provides preclinical and, where appropriate, clinical practice in functions delegated to the dental assistant and the registered dental assistant under the jurisdiction of the California Dental Practice Act as specified by the rules and regulations of the Board of Dental Examiners. Emphasis is placed on the practical application of each task, competency of performance, demonstrated concern for patient safety, and an acquired background knowledge to support each duty. 60 lecture hours, 81 lab hours.

DENT 203
Dental Practical Experience
5.5 Units
Pass/No Pass

Prerequisite(s): *DENT 122, DENT 124 and DENT 201.*

This course provides the student with the opportunity for application and performance of acquired knowledge and skills while assuming the role of a chairside assistant in a dental school setting or private dental office. This course is offered for Pass/No Pass grading only. 300 lab hours.

DENT 204
RDA Clinical Procedures
1 Unit
Grade Only

Prerequisite(s): *DENT 101, DENT 102, DENT 121 and DENT 123. Also, DENT 203 or concurrent enrollment.*

This course covers those duties requiring clinical competence for the RDA: coronal polishing, pit & fissure sealants and mouth mirror inspection. 12 lecture hours, 28 lab hours.

Drafting Technology

(Technology & Engineering Department)

Drafting and Design Technology, a career technical and transfer program, uses hands-on experiences to prepare students for entry-level employment or advancement that requires graphic communications, including sketches, mechanical drawings, computer-aided design, and illustrations. Drafting and Design Technology courses fulfill lower division requirements for transfer majors in architecture, electronics, engineering, and architecture and lead to an associate degree in Drafting and Design Technology and certificates of achievement in Drafting and Design Technology; Computer Aided Design (CAD)—Architecture and Drafting Technology; Architectural Design; Computer Generated Imagery (CGI).

Drafting Courses

DRAF 101
Beginning Computer Aided Design (CAD)
3 Units
Grade Only

Strongly Recommended: *ENGL 099 if required by English placement exam or if required by English level.*

A basic course for pre-engineering, pre-architecture, and other students who have no previous Computer Aided Design (CAD) and mechanical drawing experience. 36 lecture hours, 72 lab hours. CSU

DRAF 102
Visual Communication
2.5 Units
Grade Only

Strongly Recommended: *DRAF 101.*

Visual communication of axonometric, oblique, and one, and two-point perspective drawings. Natural and man-made forms are analyzed. Color and texture of form are studied as they are revealed by light, shade, and shadow. Students' perceptions of subject matter are translated into convincing visual expressions by learning the graphic skills and the use of a variety of media. Students sketch, draw, and render projects. 36 lecture hours, 36 lab hours. CSU

DRAF 103
Advanced Engineering Drawing
3 Units
Grade Only

Prerequisite(s): *DRAF 101 or one year high school mechanical drafting.*

Covers the application of the latest industrial design standards of orthographic projection and dimensioning specifications in the production of mechanical items and assemblies. Advanced problems in instrumental drawing, lettering, geometric construction, multi-view projections, sections, auxiliary views and descriptive geometry. 36 lecture hours, 72 lab hours. CSU

DRAF 160
Intermediate Computer Aided Design (CAD)
2.5 Units
Grade Only

Strongly Recommended: *DRAF 101 or one year of high school drafting or industry drafting experience.*

An intermediate course in which the CAD system is applied to special problems in design. Techniques in creating symbol libraries are explored. Proper and efficient methods of producing plan views, sections, details and elevations are introduced along with dimensioning fundamentals and sheet layout. 36 lecture hours, 36 lab hours. CSU

DRAF 161 Advanced Computer Aided Design (CAD)

2.5 Units
Grade Only

Prerequisite(s): DRAF 160.

Strongly Recommended: DRAF 101.

An advanced Computer Aided Design (CAD) course developing 2D and 3D design projects. 36 lecture hours, 36 lab hours. CSU

DRAF 198 Special Problems 1 Unit

Grade Only

Prerequisite(s): DRAF 101 or one year of high school drafting or industry drafting experience.

Supervised projects in specialized topics, perspective, site or model making to meet the needs of students preparing portfolios or for specific job training. 54 lab hours. CSU

DRAF 290 Introduction to Maya Practices. 3 Units Grade Only

Strongly Recommended: DRAF 160 or DRAF 161 or Digital Art classes.

Introduction to modeling, animation and rendering using Maya with a focus on establishing a working knowledge of Maya's animation tools and techniques, this course builds a solid foundation for developing character animation and special effects sequences. The course uses the two different sections of the Learning Maya tutorial book to provide the student with an overview of the Maya environment and how it can be applied to their work. 36 lecture hours, 54 lab hours. CSU

DRAF 291 Learning Maya Transitions 3 Units Grade Only

Prerequisite(s): DRAF 290.

Explores how modeling, animating and rendering using CAD, and other 3D interfaces transition into Maya. This course builds an advanced foundation using animation and special effects. The course uses the two different sections of the Learning Maya Transitions book to provide the student with an overview of the Maya environment and how it can be applied to their work. 36 lecture hours, 54 lab hours. CSU

Disabled Student Programs & Services (Counseling Department)

DSP&S courses are non-degree-applicable credit courses that provide specialized instruction to teach students with disabilities strategies to compensate for their disability-related educational limitations. The courses, offered as funding allows, are in laboratory and lecture modes and are graded pass/no pass.

Disabled Student Courses

DSPS 085 E-Text Basics 1 Unit

Pass/No Pass

The course is designed to teach students with text disabilities to access and effectively utilize electronic text (e-text). This course is offered for Pass/No Pass grading only. 18 lecture hours.

DSPS 090 Empowerment for Students with Disabilities 2 Units Pass/No Pass

A course designed to facilitate successful transition to the collegiate level for new students with disabilities. Upon completion of this course, students will be better prepared to assert their needs, make decisions, and practice coping strategies pertinent to their unique situation. This course is offered for Pass/No Pass grading only. 36 lecture hours.

DSPS 103L Technical Assistance Lab: Adaptive Computer Technology 1 Unit

Pass/No Pass

Specialized instruction designed for students with disabilities who require adaptive computer technologies to effectively access the computer. Students will become empowered through the use of individualized learning materials, adaptive computer technology, and compensatory strategies intended to lessen the impact of the disability for achieving success in college. This course is offered for Pass/No Pass grading only. 54 lab hours.

Earth Science (Physical Sciences Department)

Earth Science includes the disciplines of geology and oceanography, both of which study the materials and phenomena associated with the development and evolution of the Earth. Courses in Earth Science satisfy general education requirements for the associate degree and lower division transfer and can be used to fulfill some of the major requirements for the associate degree in Biological and Physical Sciences and Mathematics.

ESCI 106 Earth and Space Science for Educators 4 Units Grade Only

Prerequisite(s): MATH 030 or concurrent enrollment.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of Earth and space science and the interrelationships among these disciplines. Emphasis will be placed upon the comparative study of the Earth and the other planets, their formation and evolution, Earth's atmosphere, hydrosphere, and lithosphere; the dynamics of each, and how they are interrelated. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. 54 lecture hours, 54 lab hours. CSU;UC

ESCI 119 Physical Geology without laboratory 3 Units Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course investigates the dynamic nature of the Earth through the study of earth processes including: plate tectonics, earthquakes and the Earth's interior, mineral and rock systems, crustal deformation, weathering processes, glaciers, and deserts. Students may not receive credit for both ESCI 119 and 120. 54 lecture hours. CSU;UC

ESCI 120
Physical Geology
4 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course investigates the dynamic nature of the Earth through the study of earth processes including: plate tectonics, earthquakes and the Earth's interior, mineral and rock systems, crustal deformation, weathering processes, glaciers, and deserts. Students may not receive credit for both of ESCI 119 and 120. 54 lecture hours, 54 lab hours. CSU;UC

ESCI 121
Historical Geology
4 Units
Grade Only

Prerequisite(s): ESCI 120.

The geological events of Earth history from the origin of our planet to the present time. Includes a summary of the evolution of the plants and animals of the Earth and a study of the fossils of the various periods of geologic time. Field excursions will be arranged. A transportation fee will be charged. 54 lecture hours, 54 lab hours. CSU;UC

ESCI 122
Geology: Earth History
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to the study of the Earth's geological history, from the origin of our planet to the present. Topics include the history and development of life, processes of fossilization, the origin of coal and petroleum, and plate tectonics with emphasis on North America. 54 lecture hours. CSU;UC

ESCI 124
Environmental Geology
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Application of geologic principles to selected environmental problems. Topics include earthquakes, volcanism, mass movements, climate change, floods, coastal processes, mass extinctions, meteorite impacts, and population growth. 54 lecture hours. CSU;UC

ESCI 130
Physical Oceanography
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A study of marine geology and topography, physical processes within the marine environment, such as waves and currents, tides, sea-floor spreading, marine provinces, marine sediments, and environmental relationships. 54 lecture hours. CSU;UC

ESCI 180
Introduction to Geographic Information Systems
4 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory GIS course that will teach the theory and usage of Geographic Information Systems in a number of fields including business, resource management, Earth Sciences, and urban planning. Recommended for anyone using spatial data in their profession. 36 lecture hours, 108 lab hours. CSU;UC

Economics

(Social Sciences Department)

Economics, with applications in both business and the social sciences, examines the production, distribution, and consumption of goods and services as well as the theory and management of economies and how the choices made by individuals, firms, and governments impact scarce resources. In macroeconomics, the topics include economics resources, government expenditures and taxation, unemployment and inflation, monetary policy and the banking system, national income determination, business cycles, and fiscal policy. In microeconomics, the topics include price determination, economic analysis of firms, market structures, distribution of income, labor and unions, international economics and economic growth. Economics courses satisfy general education requirements for an associate degree, a liberal arts degree with an emphasis in social and behavioral sciences/economics, and lower division transfer. The Honors Program includes one economics course:

ECON 101H Principles of Economics – Honors. Courses are offered in the day and evening and in early and late start and online.

Economics Courses

ECON 100
Survey of Economics
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

This is a survey of economics course. It is designed as a beginning economics class. It involves laying the basic principles of economic theory on both the macro and micro levels and showing how the principles can be applied to analyze current economic issues such as national health care, outsourcing, gas prices, the health of the economy, immigration. 54 lecture hours. CSU;UC

ECON 101
Principles of Macroeconomics
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

An introductory course that focuses on aggregate economic analysis. Topics include market systems; economic cycles including recession, unemployment and inflation; gross domestic product and national income accounts; money and the financial markets; monetary and fiscal policy; and international trade and finance. 54 lecture hours. CSU;UC

ECON 101H
Principles of Macroeconomics - Honors
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

A macro economics course that focuses on aggregate economic analysis and its applications. Topics include: theory of market systems; economic cycles including recession, unemployment and inflation; national income accounts; macroeconomic equilibrium; money and financial institutions; monetary and fiscal policy; and international trade and

finance. It also tackles the application of the theory to different economic issues, such as the energy market, outsourcing and unemployment, lending practices among financial institutions and its effects on the real estate market, the budget deficit, the trade deficit, national health care proposals, and immigration. Students are expected to participate at an honors level which includes research of the application cases, analysis of issues, and strong critical thinking and writing skills to evaluate current policies and generate optimal solutions. 54 lecture hours. CSU;UC

ECON 102
Principles of Microeconomics
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

Microeconomics. An introductory course that focuses on decision making from the viewpoint of the individual consumer, worker, and firm. Emphasis is on the price system, allocation of resources and income, supply and demand analysis, structure of the American industry, and applications to current economic policy and problems. 54 lecture hours. CSU;UC

Emergency Management
 (Health Sciences Department)

Emergency management and homeland courses prepare students for employment with emergency management agencies such as local cities and county governments in California, non-profit organizations such as the American Red Cross, and federal agencies such as the Department of Homeland Security (FEMA). Additionally, those currently working in the field can earn a recognized degree. Students may earn a certificate of achievement in Emergency Management and Homeland Security. Coursework satisfies general education requirements for an associate in science degree.

Emergency Management Courses

EMER 162
Principles of Emergency Management
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an introduction to the principles of Emergency Management and Disaster Planning. Topics covered include: terrorist profiles, trends in terrorism, the emergency operations plan, response consideration to chemical and biological incidents and components of the emergency management system. 54 lecture hours.

EMER 163
Terrorism and Emergency Management
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an instruction to terrorism and the emergency management of terrorist types of acts. Topics covered include: concepts of emergency management, event management, local plans and resources, general biological terrorism concepts, medical consequences and planning guidelines. This course will present a foundation of the threat and explore mitigation techniques. 54 lecture hours.

EMER 164
Managing Hazardous Materials Incidents
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an introduction to hazardous materials and management. Topics covered include; recognizing what hazardous materials are, the problems they pose; and how to begin a safe and effective response to a Haz Mat incident. Upon successful completion of the course students are eligible to sit for the California State Specialized Training Institute (CSTI) certification examination. 54 lecture hours.

EMER 166
Emergency Planning and Methodology
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an introduction to emergency planning and methodology. The course provides a study of pre-plan requirements, hazards and resource assessments, vulnerability analysis, methodology of planning, and public policy considerations. 54 lecture hours.

EMER 167
Practical Applications of Emergency Management
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides principles and techniques involved in developing an emergency management plan for a public or private sector organization. Explore the processes involved in data gathering, hazard identification and vulnerability assessment, and plan development. Students will prepare a draft of an emergency management plan for an organization of their choice. 54 lecture hours.

EMER 168
Emergency Operations Center (EOC) Management
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course provides an instruction to design, initiate, and operate an Emergency Operations Center (EOC). The course provides a study of determining the location for an EOC, the physical set-up of the EOC, and the management of EOC operations both in emergency and non-emergent situations. 54 lecture hours.

English

(Language Arts Department)

The English discipline focuses on the appreciation of literature in its cultural context and the development of composition, critical thinking, and textual analysis in both basic skills and transfer-level courses. English courses provide students with intensive instruction and practice in the composition, revision, and editing of academic essays. English courses are also taught in learning communities. English 101 Reading and Composition satisfies the writing competency requirement for the associate degree. English courses also satisfy general education requirements for the associate degree and lower division transfer, and can be used to fulfill the associate degree majors in English Literature and in Language Arts. Students may also earn one of two certificates of achievement:

- English Literature, which provides verification of literature knowledge or competency for entry-level jobs in tutoring, editing and publishing, journalism, theatre or entertainment; and
- Writing Competency, which provides verification of writing competency for entry-level jobs in tutoring, editing and publishing, journalism, pre-law, theatre, entertainment, freelance writing, and university or college teacher assisting.

English Courses

ENGL 098 English Fundamentals 2 Units Grade Only

This course focuses intensively on English fundamentals including grammar, spelling, and basic literacy skills such as sentence structure, vocabulary acquisition, mechanics and punctuation, literal comprehension, reading responses, and student learning strategies. 18 lecture hours, 54 lab hours.

ENGL 099 Introduction to Reading and Composition 5 Units Grade Only

Prerequisite(s): ENGL 030 or ENGL 040 or ENGL 098 or READ 040 or placement at the ENGL 099 level as defined by the College.

An introduction to fundamental techniques of reading and writing including sentence skills, paragraph and essay development, and use of literal and inferential comprehension for critical and analytical thinking, reading and writing at the college level. 90 lecture hours.

ENGL 101 Reading and Composition 3 Units Grade Only

Prerequisite(s): ENGL 099 or ESL 100 or placement is based on multiple assessment measures.

A college-level composition course emphasizing exposition, analysis, argument, and research techniques. Extensive writing practice based upon reading selections of culturally diverse fiction, nonfiction and verse. 54 lecture hours. CSU;UC

ENGL 101H Reading and Composition - Honors 3 Units Grade Only

Prerequisite(s): ENGL 099 or ESL 100 or placement is based on multiple assessment measures.

An advanced college level course emphasizing exposition, analysis, evaluation, synthesis, argument, and research techniques. Extensive writing practice based upon reading culturally diverse short stories, novels, and related critical material. In addition, students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of fiction and nonfiction literary readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU;UC

ENGL 102 Introduction to Literature 3 Units Grade Only

Prerequisite(s): ENGL 101 or ENGL 101H or ESL 101.

This course introduces representative works from major genres, develops students' close reading and analytical writing skills, and promotes appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature. 54 lecture hours. CSU;UC

ENGL 103 Composition and Critical Thinking 3 Units Grade Only

Prerequisite(s): ENGL 101.

This course uses literature as a basis for the teaching of critical thinking and composition. The emphasis is upon the analysis of issues, problems, and situations represented in fiction, drama and poetry, and on the development of effective written arguments in support of the analysis. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU;UC

ENGL 103H Composition and Critical Thinking - Honors 3 Units Grade Only

Prerequisite(s): ENGL 101.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This honors course uses literature as a basis for the teaching of in-depth critical thinking and advanced composition. The emphasis is upon the analysis of issues, problems, and situations represented in literature and on the development of effective written arguments in support of the analysis. Critical thinking skills are demonstrated through research papers, in-class presentations, and collaborative exploration of material. Students are expected to demonstrate honors level work which includes strong critical thinking skills, thorough analysis of assigned readings, and presentation and leadership skills demonstrated through class participation. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU;UC

ENGL 104 Advanced Rhetoric: The Classical Essay 3 Units Grade Only

Prerequisite(s): ENGL 101.

In this course, students will develop critical thinking, writing, and research skills beyond the ENGL 101 level by examining and modeling complex classical methods of invention, arrangement, and style for writing assignments. Students will read and critically evaluate (for meaning, purpose, strategy and style) expository and argumentative essays from classical sources and multi-cultural perspectives. Students will test prejudices they hold,

prove or disprove a hypothesis, evaluate the opinions of others, explain the effect of the media, and attempt to synthesize opposing arguments on an issue through critical thinking. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU;UC

ENGL 210
Creative Writing I
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Instruction and practice in various forms of creative expression such as short story, the novel, poetry, drama, and/or screenplay. Critical evaluation of professional and student writing. 54 lecture hours. CSU

ENGL 213
Horror Literature
3 Units
Grade Only

Prerequisite(s): ENGL 101.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ENGL 103.

An introduction to horror literature, this course is designed to give students an understanding of the application of literary analysis to horror literature. 54 lecture hours. CSU;UC

ENGL 213H
Horror Literature - Honors
3 Units
Grade Only

Prerequisite(s): ENGL 101 or ENGL 101H.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ENGL 103 or ENGL 103H.

This honors course is designed to give the student a knowledge and an appreciation of Horror literature, both fiction and non-fiction. Critical analysis of such works from various perspectives is exemplified through research and written analysis. Special emphasis is given to the quality of the impact on literature of selected classics. 54 lecture hours. CSU;UC

ENGL 216
American Latino Literature
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The study of American Latino literature emphasizing the development of literary expression within the Latino community specifically in the mediums of poetry, short stories, and novels. The course will explore literature within the context of the Latino culture and examine the impact the works have had on the Latino and literary community. 54 lecture hours. CSU;UC

ENGL 251
Introduction to English Literature I
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Significant works of major British writers in historical perspective. First semester: Anglo-Saxon period through the eighteenth century with emphasis on Chaucer, Milton, Donne and Johnson. 54 lecture hours. CSU;UC

ENGL 252
Introduction to English Literature II
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course surveys British literature from the late eighteenth century to contemporary British and postcolonial texts. 54 lecture hours. CSU;UC

ENGL 261
Introduction to U.S. American Literature I
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Students will explore the context and influence of American literature from the Colonial period to the Civil War. Students will examine specific literary works and their contributions to our personal and cultural context. 54 lecture hours. CSU;UC

ENGL 271
Introduction to World Literature: Ancient - Early Modern
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

English 271 is the study of world literature in translation from the ancient world through the early modern period. This course emphasizes the development of literary expression and explores literature within the context of the culture and time in which works were written. This course examines the relationship between historical events and literary works and the impact of works on their age and ensuing eras. 54 lecture hours. CSU;UC

ENGL 272
Introduction to World Literature: 1600's through Twentieth Century
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

English 272 is the study of world literature in translation from the early modern period to the twentieth century. This course emphasizes the development of literary expression and explores literature within the context of the culture and time in which works were written. This course examines the relationship between historical events and literary works and the impact of works on their age and ensuing eras. 54 lecture hours. CSU;UC

ENGL 291
Film as Literature
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ENGL 101.

An introduction to film as literature, this course is designed to give students an understanding of the application of literary analysis to film. 54 lecture hours. CSU;UC

ENGL 291H
Film as Literature - Honors
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ENGL 101 and ENGL 103.

This honors course is an introduction to film as literature, designed to give students an understanding of the application of literary analysis to film. Critical analysis of such works from various perspectives is exemplified through research and written analysis. Special emphasis is given to the quality of writing and illustration of award-winning books and selected classics. 54 lecture hours. CSU;UC

ENGL 293
Children's Literature
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to give the student a knowledge and an appreciation of children's books, both fiction and non-fiction. Special emphasis is given to the quality of writing and illustration of award winning books and selected classics. 54 lecture hours. CSU;UC

ENGL 293H
Children's Literature - Honors
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ENGL 101 or ENGL 103.

This honors course is designed to give the student a knowledge and an appreciation of children's books, both fiction and nonfiction. Critical analysis of such works from various perspectives is exemplified through research and written analysis. Special emphasis is given to the quality of writing and illustration of award-winning books and selected classics. 54 lecture hours. CSU;UC

ENGL 294
Introduction to Shakespeare
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to the works of William Shakespeare, including representative tragedies, comedies, and history plays. The course is designed to give students an understanding of the timelessness of Shakespeare's work. 54 lecture hours. CSU;UC

ENGL 298
Literature of the Bible
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Reading and discussion of selected books from English translations of the Old and New Testaments. Emphasis is on the religious, social, political ideas, literary qualities, and textual problems. 54 lecture hours. CSU;UC

Engineering Courses

(Technology & Engineering Department)

The Engineering Program encompasses an area of study which includes basic and advanced engineering, design, management principles, CAD and Information Technology.

ENGR 101
Introduction to Engineering
3 Units
Grade Only

Strongly Recommended: MATH 175.

Introduction to the field of engineering with emphasis on engineering activities characterized in different engineering disciplines and functions. Topics include education and training requirements, ethical and environmental concerns, tools and problem solving techniques used in engineering, historical and engineering design activities and effective communication skills specific to the field of engineering. 36 lecture hours, 54 lab hours. CSU

ENGR 135
Engineering Mechanics: Statics
3 Units
Grade Only

Prerequisite(s): MATH 190 and PHYS 201.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A vectorial treatment of the principles of statics with application to engineering problems. Composition and resolution of co-planar and non-planar force systems; equilibrium of rigid bodies; distributed forces; forces in trusses; frames and cables; shear and bending moments in beams; moments of inertia of areas and bodies and graphical methods are used to model force systems and equilibrium conditions as applied to engineering statics problems. 54 lecture hours. CSU;UC

English as a Second Language
 (Language Arts Department)

The English as a Second Language (ESL) program offers students a comprehensive selection of courses to improve their knowledge of and skills with English for both personal and academic purposes. The ESL program also introduces international students to American culture and customs. Courses range from pre-collegiate (non-degree-applicable) through transfer levels. ESL 101 Reading and Composition satisfies the graduation requirement in writing competency and satisfies a general education requirement for the associate degree.

ESL 020
English Language Skills II
3 Units
Grade or Pass/No Pass

Placement is based on multiple assessment measures.

A writing course for high-beginning English language students. Emphasis on production and comprehension of simple phrases, basic sentence construction, introductory paragraph writing skills and basic vocabulary. One of three core courses in ESL Level 2. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours, 9 lab hours.

ESL 022
Pronunciation and Conversation II
2 Units
Grade or Pass/No Pass

Placement is based on multiple assessment measures.

A course for beginning ESL students in comprehension and communication of spoken English. Emphasis is on building confidence in oral expression and refining pronunciation. Strongly recommended for students enrolled in ESL Level 2 core courses. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.

ESL 024
Reading/Vocabulary II
2 Units
Grade or Pass/No Pass

Placement is based on multiple assessment measures.

A reading and vocabulary course for

low-intermediate ESL students. The course is designed to help students expand their vocabulary through oral and written practice and improve their reading comprehension. One of three core courses in ESL Level 2. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.

ESL 026
Grammar Fundamentals II
2 Units

Grade or Pass/No Pass

Placement is based on multiple assessment measures.

A course for low-intermediate ESL students seeking to improve their grammatical accuracy in writing and speaking. Intensive review and practice of verb tenses, noun forms, adjectives, adverbs and modals, in a communicative context. One of three core courses in ESL Level 2. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours, 9 lab hours.

ESL 030
English Language Skills III
3 Units

Grade or Pass/No Pass

Prerequisite(s): ESL 020 or placement in ESL Level 3 on the Accuplacer assessment test.

A writing course for low-intermediate English language students. Emphasis on production and comprehension of longer phrases, compound and complex sentence construction, low-intermediate paragraph writing skills and vocabulary. One of three core courses in ESL Level 3. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours, 9 lab hours.

ESL 032
Pronunciation and Conversation III
2 Units

Grade or Pass/No Pass

Strongly Recommended: For students enrolled in ESL level 3 core courses. Placement is based on multiple assessment measures.

A course for low-intermediate students in comprehension and communication of spoken English. Emphasis is on building confidence in oral expression, refining pronunciation and reducing accent. Strongly recommended for students

enrolled in ESL Level 3 core courses. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.

ESL 034
Reading/Vocabulary III
2 Units

Grade or Pass/No Pass

Prerequisite(s): ESL 024 or placement is based on multiple assessment measures.

A reading and vocabulary course for intermediate ESL students. The course is designed to help students further expand vocabulary and reading skills. Emphasis is on building vocabulary through oral and written practice and improving reading comprehension. One of three core courses in ESL Level 3. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.

ESL 036
Grammar Fundamentals III
2 Units

Grade or Pass/No Pass

Prerequisite(s): ESL 026 or placement is based on multiple assessment measures.

A course for low-intermediate ESL students designed to improve their grammatical accuracy in spoken and written English. Intensive review and practice of meaning and use of syntactic structures such as verb tense, modals, noun and adjective forms, questions and negatives, passive voice, adverbs, and articles. One of three core courses in ESL Level 3. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours, 9 lab hours.

ESL 040
English Language Skills IV
3 Units

Grade or Pass/No Pass

Prerequisite(s): ESL 030 or placement in ESL Level 4 on the Accuplacer assessment test.

This course prepares high-intermediate ESL students for ESL 100. It includes grammar, vocabulary, usage, and the writing skills of sentence and paragraph development. It also previews essay development and writing. One of three core courses in ESL Level 4. NOTE: THE UNITS EARNED FOR THIS COURSE

MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours, 9 lab hours.

ESL 042
Pronunciation and Conversation IV
2 Units

Grade or Pass/No Pass

Strongly Recommended: For students enrolled in ESL Level 4 core courses. Placement is based on multiple assessment measures.

A course for high intermediate students in comprehension and communication of spoken English. Emphasis is on building confidence in oral expression, refining pronunciation and reducing accent. Strongly recommended for students enrolled in ESL Level 4 core courses. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.

ESL 044
Reading/Vocabulary IV
2 Units

Grade or Pass/No Pass

Prerequisite(s): ESL 034 or placement is based on multiple assessment measures.

A reading and vocabulary course for high intermediate ESL students, designed to facilitate appropriate strategies for improving reading comprehension and developing vocabulary. Emphasis is on college-level vocabulary and reading skills. One of three core courses in ESL Level 4. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.

ESL 046
Grammar Review I
2 Units

Grade or Pass/No Pass

Prerequisite(s): ESL 036 or placement is based on multiple assessment measures.

Strongly Recommended: For students enrolled in ESL Level 4 core courses.

A course for high-intermediate ESL students seeking to improve their grammatical accuracy. Intensive review and practice of syntactic structures such as verb tense, tag questions, gerunds and infinitives, and phrasal verbs. One of three core courses in ESL Level 4. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60

UNITS FOR GRADUATION. 36 lecture hours, 9 lab hours.

ESL 053

Bridge to College Literature

2 Units

Grade or Pass/No Pass

Prerequisite(s): *ESL 044 or placement is based on multiple assessment measures.*

Strongly Recommended: *ESL 100 or successful completion of ESL level 4 core courses.*

This fiction reading and vocabulary course is designed to help ESL students develop the skills necessary for analyzing and writing about literature in English at the college level. NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 36 lecture hours.

ESL 054

Bridge to College Reading

2 Units

Grade or Pass/No Pass

Prerequisite(s): *ESL 044 or placement is based on multiple assessment measures.*

A reading and vocabulary course for advanced ESL students designed to improve their skills in the reading and analysis of academic text. Students will develop reading comprehension and study strategies in preparation for college-level coursework. 36 lecture hours.

ESL 056

Grammar Review II

2 Units

Grade or Pass/No Pass

Prerequisite(s): *ESL 046 or placement is based on multiple assessment measures.*

Strongly Recommended: *For students enrolled in ESL level 5 core courses.*

A course for advanced ESL students seeking to improve their grammatical accuracy in writing and speaking. Further review and practice of complex syntactic structures such as verb forms, tag questions, conditional statements, reported speech, modals and phrasal verbs, and subordinate clauses. Strongly recommended: For students enrolled in ESL level 5 core courses. 36 lecture hours, 9 lab hours.

ESL 070

American Idioms I

1 Unit

Grade Only

Prerequisite(s): *ESL 030 or placement is based on multiple assessment measures.*

A course for intermediate ESL students. The course is designed to introduce to students the most frequently occurring idiomatic expressions, which in the colloquial speech often heard outside the classroom. NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 18 lecture hours.

ESL 100

Fundamentals of Composition

4 Units

Grade or Pass/No Pass

Prerequisite(s): *ESL 040 or placement in ESL level 5 on the Accuplacer assessment test.*

This course prepares high-intermediate and advanced ESL students for college-level writing. It provides a review of English fundamentals and practice in critical thinking, paragraph development and essay writing with an emphasis on exposition. Continued practice in special writing problems common to second language learners. 72 lecture hours. UC

ESL 101

Reading and Composition

3 Units

Grade or Pass/No Pass

Prerequisite(s): *ESL 100 or placement in ESL Level 6 on the Accuplacer assessment test.*

An advanced composition and reading course for ESL students. Instruction and practice in critical reading, expository writing and techniques for researching, documenting and writing a research paper. The course content parallels ENGL 101, differing in that the reading is non-fiction. 54 lecture hours. CSU;UC

Energy Systems Technology

(Public Services Department)

This degree program prepares students to work in a variety of building energy system professions. Core classes are taken by all students and pathways are designed to create mastery in specialty fields. Careers include design, installation, and maintenance of building systems.

Energy Systems Technology Classes

EST 101

Introduction to Building Systems

1 Unit

Grade or Pass/No Pass

This course is a basic overview of building systems. Topics include construction, bidding, operating systems, codes, heating and air conditioning, electrical and lighting, fire and life safety, plumbing, telecommunications, building automation, and sustainability. 18 lecture hours, 14 lab hours. CSU

EST 150

Green Building Systems Technology

3 Units

Grade or Pass/No Pass

This course will explore the value of sustainability in building systems. Topics will include sources of energy, governmental regulations, green building certifications, construction management, and green material selection. 54 lecture hours, 16 lab hours. CSU

Ethnic Studies

(Behavioral Sciences Department)

ETHN 101

Introduction to Ethnic Studies

3 Units

Grade or Pass/No Pass

This course is a historical and cultural survey of ethnic groups and ethnic group relations in the U.S. among Anglos, Native Americans, Asian Americans, African Americans, and Mexican Americans/Latinos from the pre-Columbian period to the present. 54 lecture hours. CSU;UC

ETHN 116

Introduction to Chicano Studies

3 Units

Grade or Pass/No Pass

This course is an introductory survey of Chicano/Latino people in the United States; examining race, ethnicity, gender and sexuality, social class, history, politics, institutional discrimination, culture, migration and globalization, literature, and the arts. 54 lecture hours. CSU;UC

Forestry/Wildland Resources

(Natural Sciences Department)

Wildland Resources and Forestry describes the study of natural resources in a biological community. The program includes introduction to forestry, forest ecology, plant identification, outdoor recreation, wildland fire management, wildlife management and ecology, and geographic information systems. Courses in Wildland Resources and Forestry provide extensive field experience for students.

Forestry/Wildland Resources Courses

FOR 101

Introduction to Forestry

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Covers the relationship of forests to our national and local life. The various forest sciences and the uses of the forest including timber, water, recreation, grazing, and wildlife. The forest organizations: federal, state, county and private. 54 lecture hours. CSU;UC

FOR 102

Introduction to Forest Ecology

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A lecture course examining forest as a biological community, through which sustainability, biodiversity, ecosystem health and integrity, old growth, climate change, rainforest, and clearcutting are evaluated. 54 lecture hours. CSU;UC

FOR 103

Plant Identification

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course examining plant identification with emphasis on wildland plants. Other topics include plant physiology, taxonomy, plant communities and plant adaptations. 54 lecture hours. CSU;UC

FOR 104

Introduction to Outdoor Recreation

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Covers the historical development of recreation and the role of federal, state and local government in outdoor recreation. Other topics include economic impact, supply and demand, private enterprise, education, planning and management within the realm of recreation. 54 lecture hours. CSU

FOR 105

Wildland Fire Management

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course designed to provide knowledge of the factors affecting fire behavior, fire control techniques and wildland fire prevention. Factors of topography, fuels and weather will be included. 54 lecture hours. CSU

FOR 106

Principles of Wildlife Management and Ecology

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A lecture course examining wildlife management as a science, through which a brief history of wildlife management, ecosystems, population ecology, animal behavior, food and cover, wildlife diseases, predation, endangered species, economics of wildlife, and fisheries are discussed. 54 lecture hours. CSU;UC

French

(Foreign Languages Department)

FREN 101

French I

5 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in elementary French grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple French

and serves as an introduction to the geography, history, and culture of the French-speaking world. 90 lecture hours. CSU;UC

FREN 102

French II

5 Units

Grade or Pass/No Pass

Prerequisite(s): FREN 101 or two years of high school French.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A further study of elementary French grammar and vocabulary which develops understanding, speaking, reading, and writing skills. Includes additional study of French culture. 90 lecture hours. CSU;UC

Geography

(Social Sciences Department)

Cultural geography is a study of the patterns of human occupation and land use over the earth's surface and their co-relation with the natural environment with an emphasis on agricultural and industrial economics, settlement patterns, and population studies. The cultural geography course satisfies general education requirements for the associate degree, an associate degree in liberal arts with an emphasis in social and behavioral sciences, and lower division transfer.

Geography Classes

GEOG 102

Cultural Geography

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A study of the patterns of human occupation and land use over the earth's surface and their co-relation with the natural environment. Particular emphasis will be given to agricultural and industrial economics, settlement patterns and population studies. 54 lecture hours. CSU;UC

GEOG 118

Physical Geography

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of the basic elements of physical geography including maps, seasons, weather, climate, soils, natural vegetation, internal and external geologic processes, land forms, and their relationships and distribution across the face of the earth. 54 lecture hours. CSU;UC

German

(Foreign Languages Department)

GER 101

German I

5 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in elementary German grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple German and serves as an introduction to the geography, history, and culture of the German speaking world. 90 lecture hours. CSU;UC

GER 102

German II

5 Units

Grade or Pass/No Pass

Prerequisite(s): GER 101 or two years of high school German.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A further study of elementary German grammar which develops understanding, speaking, reading and writing skills. Includes German culture. 90 lecture hours. CSU;UC

GER 201

German III

5 Units

Grade or Pass/No Pass

Prerequisite(s): GER 102 or three years of high school German.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This intermediate level course is a study of the German language and culture. Emphasis is on developing oral, listening, reading and writing skills in order to acquire proficiency in German. Reading strategies and fundamentals of formal composition are introduced in conjunction with short, level-appropriate literary selections. The class is largely conducted in German. 90 lecture hours. CSU;UC

GER 202

German IV

5 Units

Grade or Pass/No Pass

Prerequisite(s): GER 201 or four years of high school German.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course emphasizing the development of effective skills for reading, understanding, and interpreting more advanced readings in German literature and culture. Extensive practice in oral and written expression at the intermediate-high level is provided. Grammatical concepts are thoroughly reviewed and expanded. 90 lecture hours. CSU;UC

Health Sciences

(Health Sciences Department)

Health science courses prepare students for a range of entry-level work in the health care and health service occupations. These occupations supply unique skills for the care of individuals, families, and communities as well as provide support for other health care professionals. Students may earn skills awards in the following health care and health services specializations: Activity Coordinator, Activity and Social Service Documentation, Hospital Unit Clerk, and Emergency Medical Technician (EMT). Successful EMT students are eligible to sit for the National Registry EMT examination board exam. The program is accredited by the NREMT and Los Angeles County Department of Health Services.

Health Sciences Courses

HEAL 100

Emergency Medical Services Career Preparation

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Health Occupations 100 is designed to provide the student with the knowledge and skills necessary to begin an entry-level career in Emergency Medical Services (EMS) and other allied health-related fields of patient care. This course provides beginning concepts of preparatory sciences directly related to the care of sick and injured persons. It also covers basic knowledge and skills

necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification. Successful completion or concurrent enrollment in this course is required for enrollment into the Emergency Medical Technician Basic Program. Material fee. 36 lecture hours, 54 lab hours.

HEAL 105

Hospital Unit Coordinator

5 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Provides information, training, and experience needed to perform secretarial or clerical duties on a nursing unit in a hospital setting. Student will meet minimum requirements to successfully meet demands of managing the unit desk, phones, ordering of labs/tests/supplies, processing and transcription of physician orders, and the daily tasks of a hospital nursing unit. 72 lecture hours, 54 lab hours.

HEAL 161

Emergency Medical Technician - Basic

7 Units

Grade Only

Prerequisite(s): HEAL 100 or concurrent enrollment.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The entry level course in emergency training for those involved in Emergency Medical Services. 108 lecture hours, 54 lab hours.

History

(Social Sciences Department)

History is a critical examination of the record of human development, with attention to changing social, political, economic, and cultural structures. The study of history is the endeavor to understand the present by becoming knowledgeable about the past.

As the context of all human activity, students of history strive to understand society and their place in it. History courses satisfy general education requirements for the associate degree, a liberal arts degree in social and behavioral science with an emphasis in history, and lower division transfer. The Honors Program

includes three history courses: HIST 103H History of World Civilization up to 1500 – Honors, HIST 107H History of the United States before 1877 – Honors, and HIST 108H History of the United States since 1877 - Honors.

History Courses

HIST 103

History of World Civilization up to 1500

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course is a survey of emerging regional cultures and societies from the earliest civilizations to 1500. Consideration will be given to comparative and integrative analysis of their contributions to the fabric of world civilization. Particular focus will be given to cultural evolutionary parallels and the diffusion of ideas through migration and trade on a global scale. College level reading is strongly advised. 54 lecture hours. CSU;UC

HIST 103H

History of World Civilization up to 1500 - Honors

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course is a survey of emerging regional cultures and societies from the earliest civilizations to 1500. Consideration will be given to comparative and integrative analysis of their contributions to the fabric of world civilization. Particular focus will be given to cultural evolutionary parallels and the diffusion of ideas through migration and trade on a global scale. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of historical readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU;UC

HIST 104

History of World Civilization since 1500

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam

or if required by English level.

The course offers a survey of world civilizations from 1500's regional isolation to modern-day globalism and its issues and problems. Consideration will be given to the political, economic, social, and intellectual forces present in the rise of the modern world. Particular focus will be given to the interrelatedness of historical events and on the comparisons of cultures and societies in a historical perspective. College level reading is strongly advised. 54 lecture hours. CSU;UC

HIST 107

History of the United States before 1877

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of the political, economic and social development of the United States to 1877. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU;UC

HIST 107H

History of the United States before 1877 - Honors

3 Units

Grade Only

Prerequisite(s): Meet Honors Program entrance requirements that include eligibility for ENG 101 or completion of equivalent.

A survey of the political, economic and social development of North America and the United States to 1877, along with a survey of American historiography and the varying interpretations of these developments. The course meets the state requirement for American history and is designed for college transfer students. 54 lecture hours. CSU;UC

HIST 108

History of the United States from 1877

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of political, economic, diplomatic, and social development of the U. S. from 1877 to the present. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU;UC

HIST 108H

History of the United States from 1877 - Honors

3 Units

Grade Only

Prerequisite(s): ENGL 099.

Strongly Recommended: ENGL 101.

A survey of political, economic, diplomatic, and social development of the U. S. from 1877 to the present along with a survey of American historiography and the varying interpretations of these developments. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU;UC

HIST 109

The World in Conflict - The 20th Century, a History

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A critical approach to the history of the 20th Century through major events and issues. 54 lecture hours. CSU;UC

HIST 110

A Survey History of Africa

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of political, economic, social, and cultural history of Africa from ancient period to the present. 54 lecture hours. CSU;UC

HIST 111

History of the African-Americans to 1876

3 Units

Grade or Pass/No Pass

An exploration of the cultural development and role of the African-American in the history of the United States from the African origins to the end of Reconstruction (1876). 54 lecture hours. CSU;UC

HIST 112

History of the African-Americans since 1876

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An exploration of the cultural development and role of the African-American in

the history of the United States from the end of the Reconstruction period (1876) to the present. 54 lecture hours. CSU;UC

HIST 120 **British Civilization**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An overview of British culture and civilization that considers the history, politics, economics, culture, and social changes that have formed contemporary British society. 54 lecture hours. CSU;UC

HIST 130 **Latin American Culture and Civilization**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Latin American Culture and Civilization is a survey course, providing an interdisciplinary approach to understanding the culture and history of Latin America. The course critically analyzes historical and contemporary social traditions and institutions in order to reach an understanding of modern day Latin America. 54 lecture hours. CSU;UC

HIST 131 **History of Latin America to 1825**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course is a survey of Latin American history from pre-Columbian times to the independence of Latin American lands. Special emphasis is given to the institutions of the past which have shaped the conditions of the emerging states. Relations between Latin American nations and the United States will also be explored. 54 lecture hours. CSU;UC

HIST 132 **History of Modern Latin America**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course is a survey of the social, economic and political history of Latin America from independence to the pres-

ent. The legacy of colonialism will be considered as special emphasis is given to the development of cultural, political, and economic institutions. The course will give attention to the relationships between Latin America and the United States foreign policy. 54 lecture hours. CSU;UC

HIST 139 **History of California**

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of the political, social and economic development of the State of California from early Pre-Columbian American Indian communities and Spanish settlements to the present. 54 lecture hours. CSU;UC

HIST 140 **History of the American West**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 101.

A survey class of the region west of the Mississippi River designed to acquaint the students with the historical significance, events and personalities which made up this period. Primary emphasis will be on the 19th century. 54 lecture hours. CSU;UC

HIST 145 **History of Mexico**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will survey the history of Mexico from the pre-Columbian period through the Conquest and the struggle for independence, the Revolution of 1910 and Mexico's emerging role as a developing country. There will be a special emphasis placed on the growing economic and cultural intertwining of the American and Mexican people in the twentieth century. 54 lecture hours. CSU;UC

HIST 155 **History of the Vietnam War**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An examination of the background and

involvement of America in the Vietnam War. The course will primarily focus on the American involvement in Southeast Asia, but will also examine the origins of Vietnamese nationalism and the struggle for independence in Vietnam and its global implications and manifestations. A Cold War framework developed early in the course will be utilized to understand U.S. involvement in the Vietnam War. The course will conclude with an assessment of the long term effects of the Vietnam War on American society and the rest of the world. 54 lecture hours. CSU;UC

HIST 222 **History of World War II**

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An examination of the circumstances and events leading to US entry into World War II. The course will focus on American involvement in World War II, but will also examine the systemic fracturing of the world order through the rise of Japanese, German, and Italian imperialism, assess the impact of the worldwide economic depression in the 1930s, military strategies and conduct, and analyze the impact of the war on the home front, as well as, the long-term effects on American policy and the world. 54 lecture hours. CSU;UC

Humanities

(Social Sciences Department)

As a discipline, Humanities courses examine cultural traditions through an integrative and critical examination of human achievements in art, literature, philosophy, and music. This academic area focuses on the big questions of meaning, ethical and aesthetic value, expression, belief, and the human spirit. Humanities courses satisfy general education requirements for an associate degree, a liberal arts degree with an emphasis in arts and humanities/history, and lower division transfer.

Humanities Courses

HUM 101

Humanities - Prehistory through the Medieval Period

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The humanities are approached on four levels: art, music, literature, and philosophy. Includes the beginnings in Egypt, Babylonia, and Greece and proceeds chronologically through the Medieval period. 54 lecture hours. CSU;UC

HUM 101H

Humanities - Prehistory through the Medieval Period - Honors

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The humanities are approached on four levels: art, music, literature, and philosophy. Includes the beginnings in Egypt, Babylonia, and Greece and proceeds chronologically through the Medieval period. A critical in-depth reading of several primary sources is conducted in a discussion format. 54 lecture hours. CSU;UC

HUM 102

Humanities from the Renaissance through the 19th Century

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The humanistic studies are approached on four levels: art, music, literature, and philosophy. Begins with the Renaissance and moves to the 19th century period in the middle east and Europe. 54 lecture hours. CSU;UC

HUM 110

Humanities in the 20th Century

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is concerned with critical analysis of the arts and philosophy from the late 19th century to the contemporary period. 54 lecture hours. CSU;UC

HUM 127

Spanish Civilization

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Spanish Civilization provides an interdisciplinary global understanding of the culture and history of Spain. The course critically analyzes contemporary Spanish society by examining the social and historical traditions and institutions that shape the Spanish way of life in the 20th century. 54 lecture hours. CSU;UC

Information Technology

(Technology and Engineering Department)

Information Technology, a career technical program, prepares students for a variety of entry-level occupations or advancement within this field with a focus on networks, security, internet protocol communications, project management, software support, device integration, and ethics. Students in the program have the opportunity to complete industry certifications from CompTIA, which include A+, Network+, Server+, and Security+, as well as certifications from Macintosh and Microsoft. Information technology courses lead to a certificate of achievement in Information Technology.

Information Technology Courses

IT 104

PC Hardware and Maintenance

4 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will be of interest to computer technicians, field service and help desk support personnel, as well as, individuals interested in enhancing their technical skills and knowledge of the PC system. The course starts from the basic entry level concepts, and quickly progresses into discussing advanced topics related to the IT industry. It will lay the foundation for attendees to prepare for the A+ certification tests. 54 lecture hours, 54 lab hours.

IT 107

Network Technology

4 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides information covering the LAN and WAN. Network topologies and protocols are presented. 54 lecture hours, 54 lab hours.

IT 108

Networking Operating Systems

4 Units

Grade or Pass/No Pass

Strongly Recommended: IT 107.

This course provides information covering the areas of network operating systems used on local and wide area networks (LANS and WANS), as well as popular server software. May be taken two times. 54 lecture hours, 54 lab hours.

IT 109

Network and Computer Security

4 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Covers basics of general security concepts, network security, communication security, infrastructure security. Business continuity, disaster recovery, planning and prevention will be covered. This course will lay the foundation for attendees to complete the CompTIA Security+ certification tests. 54 lecture hours, 54 lab hours.

IT 110

Virtual Computing

4 Units

Grade or Pass/No Pass

Covers the general concepts of virtual computing including server and desktop virtualization. Students will install and configure virtualization software from multiple vendors. This course will lay the foundation to take industry standard exams. 54 lecture hours, 54 lab hours.

Japanese

(Foreign Languages Department)

The Foreign Languages Department offers proficiency-based instruction in listening, speaking, reading, and writing in these languages: Spanish, German, Chinese, and Japanese. The study of each language includes vocabulary, grammar, syntax, pronunciation, and cultural and historical understanding. Intermediate level courses include a literature component. Courses combine classroom lectures, guided practice, and language activities with individual work conducted online.

Japanese Courses

JPN 101 Japanese I

5 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in elementary Japanese grammar, vocabulary, and pronunciation which aims at understanding, speaking, reading, and writing simple Japanese and serves as an introduction to Japanese geography and culture. This course may be taken three times. 90 lecture hours. CSU;UC

JPN 102 Japanese II

5 Units
Grade or Pass/No Pass

Prerequisite(s): JPN 101 or two years of high school Japanese.

A further study of elementary Japanese grammar and vocabulary which develops understanding, speaking, reading, and writing skills. Includes additional study of Japanese culture. 90 lecture hours. CSU;UC

Kinesiology

(Kinesiology Department)

Kinesiology studies human anatomy and physiology and the mechanics of body movement both theoretically and in practice through physical activities.

A diverse curriculum includes lower division theory courses designed for those who want:

- To complete an associate in science degree in kinesiology and

- A basic instruction program with a wide variety of movement experiences for the development of physical activity skills and with the knowledge necessary for life time wellness;
- An adapted activities curriculum for students with disabilities; and
- An intercollegiate athletic program that offers performance-oriented students opportunities for competition.

Kinesiology courses satisfy general education requirements for an associate in science degree and lower division transfer. The Honors Program includes one kinesiology course: KIN 171H Health Science - Honors.

Important Information About Kinesiology Course Descriptions

Kinesiology courses are now grouped together as course "families." Students are allowed to take only four courses from each "family." All grades received, including F, WD, and NC grades count towards the four courses.

The Kinesiology course families are listed as follows.

Aquatics (Family 1)

KIN 142 - Beginning Swimming
KIN 143 -Intermediate Swimming

Individual Sports (Family 2)

KIN 101 – Badminton
KIN 102 – Bowling
KIN 103 – Golf
KIN 106 – Racquetball
KIN 108 - Tennis

Team Sports (Family 3)

KIN 130 -Basketball
KIN 134 -Softball
KIN 135 -Volleyball

Aerobic Fitness (Family 4)

KIN 147-Swimming for Cardiovascular Improvement
KIN 151 -Body Conditioning
KIN 153 -Walk/Jog
KIN 159 -Cardiovascular training

Resistance Training (Family 5)

KIN 145 – Strength Training, Balance, and Agility
KIN 152 - Weight Training
KIN 154 -Advance Weight Training

Progressive Relaxation (Family 6)

KIN 116 –Yoga

Combatives (Family 7)

KIN 104 -Self Defense and Personal Safety

Kinesiology Courses

KIN 100 Introduction to Kinesiology 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course introduces the interdisciplinary approach to the study of human movement. In the course, students will explore an overview of the sub-disciplines of the field and their significance in daily life. 54 lecture hours. CSU;UC

KIN 101 Badminton 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Development of skills necessary to participate in a game of badminton. Course will improve skills through supervised instruction. 18 lecture hours, 18 lab hours. CSU;UC

KIN 102 Bowling 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will provide a semi-competitive opportunity for the student with basic to advanced bowling skills. This program will provide an opportunity for the student to work on the fundamental and advanced skills of bowling. 18 lecture hours, 18 lab hours. CSU;UC

KIN 103 Golf 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will offer a non-competitive environment in which the student can develop the basic fundamentals of golf.

Instruction will emphasize woods, long and short irons, bunker play, putting, golf terminology, rules and etiquette. 18 lecture hours, 18 lab hours. CSU;UC

KIN 104
Self-Defense and Personal Safety
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The theory and techniques of self-defense and personal safety. Content focuses on methods of recognizing and avoiding dangers plus skills and strategies of employing physical defense when necessary. 18 lecture hours, 18 lab hours. CSU;UC

KIN 106
Racquetball
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Instruction and practice of the various fundamental skills and techniques of racquetball that will allow the student to participate in a lifetime activity. Improve skills by repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU;UC

KIN 108
Tennis
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Instruction will be concerned with individual growth of fundamentals and techniques of tennis that will allow the student to participate in a lifetime activity. 18 lecture hours, 18 lab hours. CSU;UC

KIN 116
Yoga
1 Unit

Grade or Pass/No Pass

This course focuses on the development of the body/mind through the use of specific Yoga postures, breathing techniques, stretches, mental exercises, and relaxation exercises. The goals are to instruct students to achieve greater concentration, self-discipline, and improved physical/emotional health through instruction and practice of these skills. 18 lecture hours, 18 lab hours. CSU;UC

KIN 130
Basketball
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Techniques in basketball such as ball handling, passing, receiving, screening, cutting, shooting, team play and strategy of the game. Rules are included. 18 lecture hours, 18 lab hours. CSU;UC

KIN 134
Softball
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Instruction in the basic skills and techniques of play in softball. Students will be required to understand the statistical aspect of the game. Course will improve proficiency in skills by repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU;UC

KIN 135
Volleyball
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Instruction will be centered upon improving proficiency on the development of basic volleyball skills with an emphasis on setting, digging, serving, spiking and team strategies. Development of offensive and defensive strategies for doubles, 3 on 3, 4 on 4. 18 lecture hours, 18 lab hours. CSU;UC

KIN 141
Lifeguard Training
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to develop and perfect the basic swimming strokes needed to successfully execute the various lifesaving skills, as well as improve general skills and proficiency in the water. Upon completion of the course a student who successfully passes written and practical exams will be eligible to be certified for an American Red Cross Lifesaving and the American Red Cross CPR for the professional Rescuer Cards.

If a student wishes to receive a certification card they must pay the required Red Cross fee. 18 lecture hours, 18 lab hours. CSU;UC

KIN 142
Swimming - Beginning
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides basic instruction and practice in the fundamental elements of swimming including beginning diving and water safety instruction. The class is designed to develop proficiency in the basic swim strokes. 18 lecture hours, 18 lab hours. CSU;UC

KIN 143
Swimming - Intermediate/Advanced
1 Unit

Grade or Pass/No Pass

Strongly Recommended: KIN 142.

This course is designed to develop knowledge and skill in competitive swimming strokes. Swimming strokes to be taught are the freestyle, back stroke, breast stroke, and dolphin butterfly. The class will emphasize the development of cardiovascular aerobic conditioning. 18 lecture hours, 18 lab hours. CSU;UC

KIN 144
Water Safety Instructor
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an opportunity for the student to qualify for the American Red Cross Safety Instructor Certificate. The class is designed to teach the student how to teach swimming on all levels as well as basic and advanced lifesaving. If a student wishes to receive a certification card they must pay the required Red Cross fee. 18 lecture hours, 18 lab hours. CSU;UC

KIN 145
Strength Training, Balance and Agility
1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Designed to introduce students to prop-

riceptive training. Proprioceptive training can improve balance, core strength, quickness, and agility and reduce the risk of injury. This type of training can benefit all movements performed in our daily life, not just those dealing with sports or athletic movements. 18 lecture hours, 18 lab hours. CSU;UC

KIN 147
Swimming for Cardiovascular Improvement
 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Instructor evaluation of swimming skills through application of swimming stroke pretest.

This course will emphasize swimming for health and physical fitness. The class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through the use of aerobic and anaerobic conditioning. Participating adults and others seeking a fitness program may expect to improve their overall fitness level through aquatic training. 18 lecture hours, 18 lab hours. CSU;UC

KIN 148
Adapted Aquatic Exercises
 1 Unit

Grade or Pass/No Pass

Prerequisite(s): Physician's written diagnosis of physical disability and exercise limitations.

Designed for the student with a physical disability who is unable to participate in regular physical education classes. A medical doctor's written prescription of exercise limitations is required. 18 lecture hours, 18 lab hours. CSU;UC

KIN 150
Adapted Physical Education
 1 Unit

Grade or Pass/No Pass

Prerequisite(s): A medical doctor's written prescription of exercise limitations.

Designed for the student with a physical disability who is unable to participate in regular physical education classes. A medical doctor's written prescription of exercise limitations is required. 54 lab hours. CSU

KIN 151
Body Conditioning
 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will include general conditioning exercises, aerobic exercises, and exercises to develop flexibility and strength. 18 lecture hours, 18 lab hours. CSU;UC

KIN 152
Weight Training
 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to develop both the large and small group skeletal muscles through a program of weight lifting, circuit training, power lifting, Olympic lifting, and conditioning. 18 lecture hours, 18 lab hours. CSU;UC

KIN 153
Walking/Jogging
 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A Walking/Jogging program that consists of cardiovascular activity alternately at a slow to moderate pace. This program is designed to build cardiorespiratory stamina and endurance, attack excessive weight, relieve psychological tension, and enhance one's sense of wellbeing. 18 lecture hours, 18 lab hours. CSU;UC

KIN 154
Advanced Weight Training
 2 Units

Grade or Pass/No Pass

Strongly Recommended: KIN 152 or previous weight training experience.

This course is designed to study methods applicable to power lifting, Olympic lifting, and conditioning. Students will participate in formulation of individual workout sessions. Emphasis will be on increasing strength, flexibility, and quickness. 18 lecture hours, 54 lab hours. CSU;UC

KIN 159
Cardiovascular Training
 1 Unit

Grade or Pass/No Pass

This course will offer a non-competitive environment in which the student can develop a total fitness program. This program will promote areas of muscular strength, flexibility and cardiovascular endurance. A philosophy of "Fitness for Life" will be the ultimate objective. Every student will be encouraged to regulate his/her program so that it will be enjoyable on a long-term basis. 18 lecture hours, 18 lab hours. CSU;UC

KIN 169
Introduction to Coaching
 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is to study the different aspects of coaching including philosophies and techniques. It will provide the student with a basic understanding of coaching on all levels. The topics included will be recruiting, tryouts, pre and post season development, conditioning, weight training, practice organization, game strategies, motivation techniques, legal aspects, public relations, media, fundraising and ethics. 54 lecture hours. CSU;UC

KIN 170
Fitness for Life
 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course explains the mechanics of a proper exercise and diet program through lecture and exercise activities. Various forms of exercise will be presented for trial by each student to develop a personal fitness prescription. 54 lecture hours. CSU;UC

KIN 171
Health Science
 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to explore the major areas of health that will have an effect on the well-being of the individual now and in the future. 54 lecture hours. CSU;UC

KIN 171H
Health Science - Honors
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to explore the major areas of health that will have an effect on the well-being of the individual now and in the future. Students are expected to work and participate at an honors level which includes strong critical thinking skills, through analysis of readings, presentation, and leadership skills demonstrated through class participation/presentation during the investigation of health/fitness topics. 54 lecture hours. CSU;UC

KIN 172
Introduction to Physical Education
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course explores the history and principles of physical education, exercise science, and sport. The objectives are to define and investigate the importance of physical education with a view toward developing a basic philosophy and background for professional education. 54 lecture hours. CSU;UC

KIN 173
Nutrition for Fitness
3 Units
Grade or Pass/No Pass

This course is designed to provide knowledge about the basic principles of nutrition and to study the role nutrition plays in health promotion. 54 lecture hours. CSU;UC

KIN 174
Introduction to Team Sports
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course of study to give the student entering the field of physical education a survey and basic analysis of the team sports: football, baseball, basketball, softball, volleyball, soccer, badminton, tennis, swimming, water polo and track. 54 lecture hours. CSU;UC

KIN 175
Introduction to Individual and Dual Sports
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course of study to give the student entering the field of physical education a survey and basic analysis of individual sports: archery, badminton, bowling, golf, handball, karate, angling, skateboarding, swimming, tennis, track and field, weightlifting and wrestling. 54 lecture hours. CSU;UC

KIN 176
Elementary School Physical Education
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course that will acquaint students with physical education programs for grades K-6. The course will include observation and visitation with elementary age students. The course will include methods, skills, and activities used in teaching elementary physical education. The class is recommended for elementary education and physical education majors. 54 lecture hours. CSU

KIN 177
First Aid - Responding to Emergencies
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Complies with requirements as set forth by the American National Red Cross for first aid responding to emergencies. Students have the option to receive certification cards in Adult CPR/AED, Child and Infant CPR and First Aid. There is a lab fee to receive the certification that will be collected in class. Material fee. 54 lecture hours. CSU;UC

KIN 182
Care and Prevention of Athletic Injuries
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is an overview of sports medicine, intended for those students in the fields of physical education, coaching and athletic training. This course covers the basics of exercise physiology, biomechanics, human motor learning, sports injuries and other special topics in sports medicine. 54 lecture hours. CSU;UC

KIN 184
Volleyball Theory
2 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course focuses on the biomechanical and technical analysis of intercollegiate volleyball. 36 lecture hours. CSU;UC

KIN 185
Softball Theory
2 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course prepares the student to administer a softball program. It will include practice organization, administration, and live game strategy. 36 lecture hours. CSU;UC

KIN 186
Baseball Theory
2 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course prepares the student to administer a baseball program. It will include teaching methods, practice organization, administration, scouting and live game strategy. 36 lecture hours. CSU;UC

KIN 187
Techniques and Strategy of Intercollegiate Football
2 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A practical study of game techniques and strategy used in intercollegiate football, including techniques of offensive and defensive play. 36 lecture hours. CSU;UC

KIN 188**Basketball Theory****2 Units****Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Development of game techniques and strategy used in intercollegiate basketball. The course will also include teaching methods, practice organization, scouting and administration. 36 lecture hours. CSU;UC

KIN 191**Theory of Intercollegiate Golf****2 Units****Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course is designed to further the development of techniques and strategy of match and medal play for the serious intercollegiate golfer interested in competition. Understanding the proper use of technical golf rules and etiquette in competitive play. 36 lecture hours. CSU;UC

KIN 192**Aquatic Theory and Techniques****2 Units****Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Content focuses on the biomechanical and technical analysis of intercollegiate water polo, swimming and diving. 36 lecture hours. CSU;UC

KIN 193**Track and Field Theory and Techniques****2 Units****Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course prepares the student to administer a track and field program. It will include teaching methods, practice organization, administration and officiating at track and field meets. 36 lecture hours. CSU;UC

KIN 194**Soccer Theory****2 Units****Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course focuses on the biomechanical and technical analysis of intercollegiate soccer. 36 lecture hours. CSU;UC

Kinesiology Competitive Athletics Courses

Participation in varsity sports is available to students who possess the highest level of athletic proficiency. Participation includes competition against other California Community Colleges.

Student-athletes must be actively enrolled and attending 12 units during their first semester of competition (9 of which must be academic) including enrollment in the varsity sport class. Student-athletes must maintain a 2.0 grade point average and have passed a cumulative 24 units (18 of which must be academic) to qualify for their second season of the same sport.

Student-athletes can only compete in two years of the same sport.

A student transferring for academic or athletic participation, who has previously participated in intercollegiate athletics at another California Community College, must complete 12 units in residence prior to the beginning of the semester of competition of which a maximum of 8 units may be earned during the summer session. Participants must pass a physical examination prior to being released to compete. See Athletic Director for more information.

KINC 101**Physical Conditioning for Varsity Volleyball****2 Units****Grade or Pass/No Pass**

Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate volleyball. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 102**Physical Conditioning for Varsity Soccer****2 Units****Grade or Pass/No Pass**

Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate soccer. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 103**Physical Conditioning for Varsity Water Polo****2 Units****Grade or Pass/No Pass**

Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate Water Polo. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 104**Physical Conditioning for Varsity Football****1 Unit****Grade or Pass/No Pass**

Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate football. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 54 lab hours. CSU

KINC 105**Physical Conditioning for Varsity Cross Country****2 Units****Grade or Pass/No Pass**

Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate Cross

Country. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 106
Physical Conditioning for Varsity Golf

2 Units

Grade or Pass/No Pass

Must be a varsity college athlete/ varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate golf. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 107
Physical Conditioning for Varsity Softball

2 Units

Grade or Pass/No Pass

Must be a varsity college athlete/ varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate softball. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 108
Physical Conditioning for Varsity Baseball

2 Units

Grade or Pass/No Pass

Must be a varsity college athlete/ varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate baseball. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 109
Physical Conditioning for Varsity Swimming

2 Units

Grade or Pass/No Pass

Must be a varsity college athlete/ varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate swimming. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU

KINC 110
Physical Conditioning for Varsity Basketball

1 Unit

Grade or Pass/No Pass

Must be a varsity college athlete/ varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate basketball. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 54 lab hours. CSU

KINC 130
Off Season Conditioning for Varsity Basketball

1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/ college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity basketball. This course may be taken four times. 54 lab hours.

KINC 131
Off Season Conditioning for Varsity Volleyball

1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/ college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity volleyball. This course may be taken four times. 54 lab hours.

KINC 132
Off Season Conditioning for Varsity Soccer

1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/ college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity soccer. This course may be taken four times. 54 lab hours.

KINC 133
Off Season Conditioning for Water Polo

1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/ college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity water polo. This course may be taken four times. 54 lab hours.

KINC 134
Off Season Conditioning for Varsity Football

1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/ college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity football. This course may be taken four times. 54 lab hours.

KINC 135
Off Season Conditioning for Varsity Cross Country

1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/ college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity cross country. This course may be taken four times. 54 lab hours.

KINC 137
Off Season Conditioning for Varsity Softball
 1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity softball. This course may be taken four times. 54 lab hours.

KINC 138
Off Season Conditioning for Varsity Baseball
 1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity baseball. This course may be taken four times. 54 lab hours.

KINC 139
Off Season Conditioning for Varsity Swimming
 1 Unit

Grade or Pass/No Pass

Must be a college varsity athlete/college varsity prospect or with coaches' permission.

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity swimming. This course may be taken four times. 54 lab hours.

KINC 145
Strength Training, Balance and Agility for Varsity Athletes
 1 Unit

Grade or Pass/No Pass

Must be a varsity college athlete/varsity college prospect or with coaches' permission.

Designed to introduce student-athletes to proprioceptive training. Proprioceptive training can improve balance, core strength, quickness, and agility and reduce the risk of injury. This type of training can benefit all movements performed in our daily life, not just those dealing with sports or athletic movements. This course may be taken four times. 54 lab hours. CSU

KINC 209
Women's Varsity Soccer
 3 Units

Grade or Pass/No Pass

Advanced soccer skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity soccer. This course may be taken four times. 162 lab hours. CSU;UC

KINC 211
Women's Varsity Volleyball
 3 Units

Grade or Pass/No Pass

Advanced volleyball skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity volleyball. This course may be taken four times. 162 lab hours. CSU;UC

KINC 212
Varsity Swimming
 2 Units

Grade or Pass/No Pass

Advanced swimming skills to participate in a competitive collegiate experience. Must be a varsity college athlete / varsity college prospect or have coach's permission.

Intercollegiate competition in varsity swimming. This course may be taken four times. 108 lab hours. CSU;UC

KINC 213
Women's Varsity Basketball
 2 Units

Grade or Pass/No Pass

Advanced basketball skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity basketball. This course may be taken four times. 108 lab hours. CSU;UC

KINC 214
Women's Varsity Softball
 2 Units

Grade or Pass/No Pass

Advanced softball skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity softball. This course may be taken four times. 108 lab hours. CSU;UC

KINC 215
Varsity Track and Field
 2 Units

Grade or Pass/No Pass

Advanced track and field skills to participate in a competitive collegiate experience. Must be a varsity college athlete/varsity college prospect or have coach's permission.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU;UC

KINC 216
Varsity Cross Country
 3 Units

Grade or Pass/No Pass

Advanced cross country skills to participate in a competitive collegiate experience. Must be a collegiate varsity athlete/varsity college prospective athlete or with coach's permission.

Intercollegiate competition in varsity cross country. This course may be taken four times. 162 lab hours. CSU;UC

KINC 220
Men's Varsity Football
 3 Units

Grade or Pass/No Pass

Advanced football skills to participate in a competitive collegiate experience.

Intercollegiate competition in men's varsity football. This course may be taken four times. 162 lab hours. CSU;UC

KINC 221
Men's Varsity Basketball
 2 Units

Grade or Pass/No Pass

Advanced basketball skills to participate in a competitive collegiate experience.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU;UC

KINC 224
Men's Varsity Baseball
 2 Units

Grade or Pass/No Pass

Advanced baseball skills to participate in a competitive collegiate experience.

Intercollegiate competition in men's varsity baseball. This course may be taken four times. This course may be taken four times. 108 lab hours. CSU;UC

KINC 225**Men's Varsity Golf****3 Units****Grade or Pass/No Pass****Advanced golf skills to participate in a competitive collegiate program.**

Intercollegiate competition in men's varsity golf. This course may be taken four times. 162 lab hours. CSU;UC

KINC 227**Women's Varsity Golf****3 Units****Grade or Pass/No Pass****Advanced golf skills to participate in a competitive collegiate experience.**

Intercollegiate competition in women's varsity golf. This course may be taken four times. 162 lab hours. CSU;UC

KINC 229**Men's Varsity Water Polo****3 Units****Grade or Pass/No Pass****Advanced swimming skills to participate in a competitive collegiate experience.**

Intercollegiate competition in men's varsity water polo. This course may be taken four times. 162 lab hours. CSU;UC

KINC 230**Women's Varsity Water Polo****2 Units****Grade or Pass/No Pass****Advanced swimming skills to participate in a competitive collegiate experience.**

Intercollegiate competition in women's varsity water polo. This course may be taken four times. 162 lab hours. CSU;UC

KINC 231**Men's Varsity Soccer****3 Units****Grade or Pass/No Pass****Advanced soccer skills to participate in a competitive collegiate experience.**

Intercollegiate competition in men's varsity soccer. This course may be taken four times. 162 lab hours. CSU;UC

KINC 232**Intercollegiate Basketball for Men****1 Unit****Grade or Pass/No Pass**

Intercollegiate competition for men's varsity basketball. This course may be taken four times. 54 lab hours. CSU

KINC 233**Intercollegiate Basketball for Women****1 Unit****Grade or Pass/No Pass****Advanced basketball skills to participate in a competitive collegiate experience.**

Intercollegiate competition for women's varsity basketball. This course may be taken four times. 54 lab hours. CSU

KINC 234**Intercollegiate Softball****1 Unit****Grade or Pass/No Pass****Advanced softball skills to participate in a competitive collegiate experience.**

Intercollegiate competition for women's varsity softball. This course may be taken four times. 54 lab hours. CSU

KINC 235**Intercollegiate Baseball****1 Unit****Grade or Pass/No Pass****Advanced baseball skills to participate in a competitive collegiate experience.**

Intercollegiate Competition for Men's Varsity Baseball. This course may be taken four times. 54 lab hours. CSU

KINC 236**Intercollegiate Swimming****1 Unit****Grade or Pass/No Pass**

Advanced swimming skills to participate in a competitive collegiate experience. Intercollegiate Competition for Varsity Swimming. This course may be taken four times. 54 lab hours. CSU

Leadership Course

(Office of Student Life and Leadership)

The program is unique in that one of its goals is to ensure the continuation of quality student representation in the participatory decision making efforts of the district. The program seeks to instill within its students a practical sense of dynamics within an organization and some of the techniques that leaders utilize to enhance the effectiveness of the group as well as how to run meetings through the proper use of parliamentary procedure. In addition, the program places a heavy emphasis on self-knowledge based on reflection

LEAD 103**Foundations of Leadership****3 Units****Grade Only****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

A survey of the foundational theories and applications of leadership. Leadership is examined from the individual to its applications in the team and organizational settings. Emphasis is placed on the development of the student as a leader. This course is required either as a co-requisite or prerequisite to holding a leadership position in the campus' student government association. 54 lecture hours. CSU;UC

Linguistics

(Language Arts Department)

LING 101**Introduction to Language and Linguistics****3 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.**

An introduction to the study of language and the fundamental concepts in the field of linguistics. Emphasis is on the nature of human language, including differences and universalities of linguistic structures, and the analysis of the syntactic, morphological, and phonological systems of languages. First and second language acquisition and the role of language in society will also be explored. Does not meet Major Prep requirements for Anthropology. 54 lecture hours. CSU;UC

Mathematics

(Mathematics Department)

Mathematics is the abstract deductive study of structure and pattern which serves as the foundation of science and technology. Transfer courses in mathematics emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Courses satisfy general education requirements for an associate degree in mathematics, an associate degree in liberal arts with an emphasis in mathematics, and lower division transfer.

Mathematics Courses

MATH 020 Arithmetic Fundamentals 1 Unit Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Placement is based on multiple assessment measures.

The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. This course is offered for Pass/No Pass grading only. 54 lab hours.

MATH 029 Prealgebra 4 Units Grade or Pass/No Pass

Prerequisite(s): MATH 020 or placement is based on multiple assessment measures.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is designed to prepare a student for Elementary Algebra. Topics include a review of arithmetic, a study of signed numbers, an introduction to fundamental algebraic concepts, solving equations, and solving applied problems. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 72 lecture hours.

MATH 030 Elementary Algebra 4 Units Grade or Pass/No Pass

Prerequisite(s): MATH 029 or placement is based on multiple assessment measures.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Placement is based on multiple assessment measures.

Fundamental operations with polynomials and rational expressions, products and factoring, linear and quadratic equations in one variable, inequalities, exponents, radicals, graphing linear equations, systems of equations, applications, and introduction to functions. 90 lecture hours.

MATH 032 Beginning and Intermediate Algebra I 4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 029.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Properties of real numbers and expressions; linear equations and inequalities in one and two variables; systems; proportion and variation; exponents; polynomials; factoring; graphs; functions; applications. NOTE: The precollegiate algebra sequence is Math 029, 030, and 150 OR Math 029, 032, and 142. CREDIT MAY NOT BE EARNED FOR BOTH MATH 032 AND MATH 030. 90 lecture hours.

MATH 131 Plane Geometry 4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 030 or placement is based on multiple assessment measures.

A first course in geometry. Elementary logic, properties of geometric figures, parallel and perpendicular lines, ratio and proportion, congruence, area, and volume. 72 lecture hours.

MATH 142 Beginning and Intermediate Algebra II 5 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 032.

Rational, Radical, Quadratic, Exponential and Logarithmic Expressions, Functions, and Equations; Complex Numbers; Inverse Functions; Conic Sections. NOTE:

The precollegiate algebra sequence is Math 029, 030, and 150 OR Math 029, 032, and 142. THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 148, 149 OR 150. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 142, 148, 149, AND 150. 90 lecture hours.

MATH 148 Intermediate Algebra I 2.5 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 030 or placement is based on multiple assessment measures.

Presents the first half of a two-semester alternative to intermediate algebra. This

course enables students to complete Intermediate Algebra (MATH 150) at a slower pace. Real number properties, first degree equations and inequalities, absolute value equations and inequalities, formulas, applications, exponents, polynomials, the binomial theorem, factoring, linear systems, and functions. NOTE: BOTH MATH 148 AND MATH 149 MUST BE COMPLETED TO SATISFY ANY PREREQUISITE REQUIRING MATH 150. MAY NOT BE TAKEN CONCURRENTLY WITH MATH 150. STUDENTS MAY NOT EARN MORE THAN FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150. 54 lecture hours.

MATH 149 Intermediate Algebra II 2.5 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 148 or placement is based on multiple assessment measures.

Presents the second half of a two-semester course in intermediate algebra. This course enables students to complete Intermediate Algebra (MATH 150) at a slower pace. Rational expressions, variation, radicals, complex numbers, quadratic equations, applications, conics, inverse functions, and exponential and logarithmic functions. NOTE: BOTH MATH 148 AND MATH 149 MUST BE COMPLETED TO SATISFY ANY PREREQUISITE REQUIRING INTERMEDIATE ALGEBRA. THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH MATH 150. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150. 54 lecture hours.

MATH 150 Intermediate Algebra 5 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 030 or placement is based on multiple assessment measures.

Real number properties, first degree equations and inequalities, absolute value equations and inequalities, formulas, applications, exponents, polynomials, the binomial theorem, factoring, linear systems, functions, rational expressions, variation, radicals, complex numbers, quadratic equations, conics, inverse functions, and exponential and logarithmic functions. NOTE: THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 148 OR 149. STUDENTS

MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150. 90 lecture hours.

MATH 151

Plane Trigonometry

4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 131 or high school Geometry and MATH 142 or MATH 149 or MATH 150 or placement for algebraic readiness is based on multiple assessment measures.

Functions, the trigonometric functions: their graphs and identities, laws of sines and cosines, solutions of triangles, trigonometric equations, inverse trigonometric functions, polar coordinates, DeMoivre's Theorem. 72 lecture hours. CSU

MATH 160

Survey of Mathematics

4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 142, or MATH 148 and 149, or MATH 150 or placement is based on multiple assessment measures.

A course in mathematical concepts for the liberal arts student. Topics include sets and logic, problem solving, numeration systems, consumer applications, geometry, probability, statistics, and computer applications. 72 lecture hours. CSU

MATH 162

Introductory Mathematical Analysis

4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 142, or MATH 148 and 149, or MATH 150 or placement is based on multiple assessment measures.

Concepts of function and limits: applied calculus emphasizing techniques of integration and differentiation with applications in social and life sciences, business administration, economics, and engineering technology. 72 lecture hours. CSU;UC

MATH 165

Introductory Statistics

4 Units

Grade Only

Prerequisite(s): MATH 142, or MATH 148 and 149, or MATH 150 or placement is based on multiple assessment measures.

Introductory course to statistics and

probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi-square, and applications in diverse disciplines. 72 lecture hours. CSU;UC

MATH 168

Mathematics for Elementary

Teachers I

4 Units

Grade Only

Prerequisite(s): MATH 142 or MATH 149 or MATH 150 or placement is based on multiple assessment measures.

Course is designed for prospective elementary teachers. The course covers sets, logic, number systems, number theory and algebra functions. Techniques in instructional delivery explored. 72 lecture hours. CSU;UC

MATH 169

Mathematics for Elementary

Teachers II

4 Units

Grade Only

Prerequisite(s): MATH 168 or placement is based on multiple assessment measures.

Second class for elementary school teachers. Course covers topics in measurement, geometry, probability and statistics. Techniques in the design of instruction delivery will be explored. 72 lecture hours. CSU;UC

MATH 170

College Algebra

4 Units

Grade Only

Prerequisite(s): MATH 142 or MATH 149 or MATH 150 or placement is based on multiple assessment measures.

Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 72 lecture hours. CSU;UC

MATH 175

Pre-Calculus

4 Units

Grade Only

Prerequisite(s): MATH 151 or placement is based on multiple assessment measures.

Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; mathematical induction. 72 lecture

hours. CSU;UC

MATH 190

Calculus with Analytic Geometry I

4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 175 or placement is based on multiple assessment measures.

Introduction to differential and integral calculus with applications; functions; limits; and continuity; techniques of differentiation; exponential; logarithmic; and inverse trigonometric functions. 72 lecture hours. CSU;UC

MATH 191

Calculus with Analytic Geometry II

4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 190.

Continuation of integral calculus with applications; techniques of integration; sequences and series; analytic geometry; plane curves; parametric equations; and polar coordinates. 72 lecture hours. CSU;UC

MATH 210

Calculus with Analytic Geometry III

4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 191.

Vectors, calculus of functions of more than one variable, partial derivatives, multiple integration, vector calculus, Green's Theorem, Stokes' Theorem, and divergence theorem. 72 lecture hours. CSU;UC

MATH 211

Differential Equations

5 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 210.

First and Second Order (Linear and Non-linear) Differential Equations, with emphasis on modeling applications. Numerical Methods. Basic Linear Algebra. Systems of Linear and Non-linear Differential Equations and their applications. Application of Linear Algebra to Systems. Power Series Methods. 90 lecture hours. CSU;UC

MATH 212

Introduction to Linear Algebra

4 Units

Grade Only

Prerequisite(s): MATH 191.

An introduction to linear algebra that complements coursework in calculus.

Topics include systems of linear equations, matrix operations, determinants, vectors and vector spaces, eigenvalues and eigenvectors and linear transformations. 72 lecture hours. CSU;UC

Motorcycle Technology

(Automotive Technology Department)

Motorcycle Technology, a career technical program, provides the theoretical background and practical experience necessary to gain entry-level employment or advancement as motorcycle technicians. Courses lead to a certificate of achievement in Motorcycle Service, Diagnosis and Repair Technician.

Motorcycle Technology Courses

MOTO 101 Fundamentals of Motorcycle Service, Diagnosis and Repair 5 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Intended for motorcycle technology majors, this class serves as the pre-requisite for all motorcycle technology certificate and/or degree-applicable courses. Motorcycles, ATVs and scooters will be explored from the point of view of the service technician. Scientific principles and operation of essential motorcycle technologies are central to the course goal of preparing students for entry into the motorcycle technology core curriculum. Appropriate lab activities in motorcycle inspection, service and repair are included. 72 lecture hours, 54 lab hours. CSU

MOTO 141 Motorcycle Engine Mechanical Systems Service, Diagnosis & Repair 4 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101 or MOTO 101.

Intended for those students majoring in motorcycle technology or those currently employed with a motorcycle service/repair establishment seeking to improve their skills. This course covers essential engine theory, inspection, diagnosis, service and repair. Engine inspection and measurements are covered, with

emphasis on in-vehicle repairs. 54 lecture hours, 54 lab hours. CSU

MOTO 142 Motorcycle Power Transmission System Service, Diagnosis & Repair 5 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101 or MOTO 101.

Intended for those students majoring in motorcycle technology or those currently employed with a motorcycle service/repair establishment seeking to improve their skills. The course covers essential power transmission theory; inspection, diagnosis, service & repair of transmissions primary and secondary drive systems including chain, belt, gear, and shaft-drive systems. 72 lecture hours, 54 lab hours. CSU

MOTO 144 Motorcycle Chassis System Service, Diagnosis & Repair 5 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101 or MOTO 101.

Generally intended for those students majoring in motorcycle technology and/or currently employed with a motorcycle service/repair establishment. The course covers essential chassis system theory; inspection, diagnosis, service & repair of the following motorcycle systems: Brake, steering, suspension, alignment, wheels and tires. ABS and linked-brake systems are introduced. 72 lecture hours, 54 lab hours. CSU

MOTO 146 Motorcycle Electrical System Service, Diagnosis & Repair 4 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101 or MOTO 101.

Generally intended for those students majoring in automotive technology and/or currently employed with a motorcycle service/repair establishment. This course covers essential electrical and electronic systems theory, along with inspection, diagnosis, service & repair of specific electrical systems including the battery, starting systems, charging systems, lighting systems, gauges, instrument-panel warning lights and power accessories. 54 lecture hours, 54 lab hours. CSU

MOTO 148 Motorcycle Engine Management System Service, Diagnosis & Repair 5 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101 or MOTO 101 and AUTO 146 or AUTO 156 or MOTO 146.

Generally intended for those students majoring in motorcycle technology and/or currently employed with a motorcycle service/repair establishment. The course covers essential engine management system theory, along with inspection, diagnosis, service & repair of the following systems: Ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. 72 lecture hours, 54 lab hours. CSU

MOTO 201 Motorcycle Dynamics and Chassis Systems 4 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 151 and AUTO 156.

Intended for students who have completed key automotive technology courses, this intermediate course builds on existing technical knowledge to prepare students for a career as a motorcycle service technician. Study of motorcycle accessory systems and suspension & brake systems is included. Emphasis is placed on motorcycle suspension & brake systems, routine maintenance, routine adjustments, and customization. 54 lecture hours, 54 lab hours.

MOTO 291 Engine Performance Enhancements and Tuning 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The class covers the engine performance enhancements available for motorcycle vehicles. The subject areas covered include stand-alone engine management systems, fuel systems, turbo chargers, superchargers, nitrous oxide, ignition systems, and the use of the chassis dynamometer as a tuning tool. 36 lecture hours, 54 lab hours.

Medium & Heavy Diesel Truck Technology

(Automotive Technology Department)

Medium and Heavy Truck Technology, a career technical program, provides the theoretical background and practical experience necessary to gain entry-level employment or advancement as heavy duty truck, bus, and heavy equipment technicians. Courses lead to a certificate of achievement in Medium and Heavy Truck Service, Diagnosis, and Repair Technician.

Medium & Heavy Diesel Truck Classes

MTRK 151

Medium and Heavy Truck Engines Service, Diagnosis, and Repair 5 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 029 or higher.

Intended for those students majoring in Medium and Heavy Duty Truck or those currently employed with a medium and heavy truck service/repair establishment seeking to improve their skills. This course covers essential engine theory, inspection, diagnosis, service and repair. Engine inspection and measurements are covered, with emphasis on in-vehicle repairs. This course prepares students for ASE Truck Gas and Diesel Engine Repair (T-1, T-2) certification exam. 54 lecture hours, 126 lab hours. CSU

MTRK 152

Medium and Heavy Truck Drivetrain Service, Diagnosis, and Repair 5 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 029 or higher.

Intended for those seeking a career in the medium and heavy truck service and repair industry. This course focuses on the service, diagnosis and repair of the manual and automatic automotive drivetrain systems. Appropriate lab activities in automobile drivetrain inspection, service and repair are included. The course prepares students for the ASE Automatic Transmission (H3, S3) and Manual

Drivetrain(T3) certification exams. 54 lecture hours, 126 lab hours. CSU

MTRK 154

Medium and Heavy Truck Chassis Service, Diagnosis, and Repair 5 Units

Grade or Pass/No Pass

Prerequisite(s): AUTO 101.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher.

Intended for those seeking a career in the medium and heavy duty truck service and repair industry, this course covers essential chassis system theory, along with inspection, diagnosis, service & repair of the following systems: brake, steering, suspension, alignment, wheel/tire, and ABS. Course prepares students for ASE Suspension and Steering (T4) and ASE Brakes (T5) certification. 54 lecture hours, 126 lab hours. CSU

Music

(Performing Arts Department)

The study of music provides training in instrumental competency, vocal competency, performance, techniques, and application and provides a foundational background for music appreciation, history and theory. Music offers courses in four areas of concentration: commercial music, history and theory, instrumental, and vocal. Both a transfer and a career technical education program, music offers performance opportunities for music majors and non-majors. Courses in music satisfy general education requirements for the associate degree and lower division transfer requirements.

Important Information About Music Course Descriptions

Most music courses are now grouped together as course "families." Students are allowed to take only four courses from each "family." All grades received, including F, WD, and NC grades count towards the four courses.

The Music course families are listed as follows:

Developmental

MUSE 020 – Foundational Music Reading

MUSE 070 – Foundational Rhythm Section Pedagogy

MUSE 090 – Introduction to Instrumental Ensemble Performance

Individual Instruction

MUSP 290 – Applied Music I Beginning

MUSP 291 – Applied Music II Intermediate

MUSP 292 – Applied Music III Intermediate/Advanced

Choral

MUSC 106 – Citrus College Show Choir I

MUSC 107 – Show Choir II

MUSP 100 – Concert Choir I Beginning

MUSP 101 – Concert Choir II Intermediate

MUSP 105 – Women's Ensemble I - Beginning

MUSP 106 – Women's Ensemble II - Intermediate

MUSP 108 – Men's Ensemble

MUSP 110 – Vocal Ensemble I Beginning

MUSP 111 – Vocal Ensemble II Intermediate

MUSP 200 – Concert Choir III Intermediate/Advanced

MUSP 201 – Concert Choir IV Advanced

Symphonic

MUSP 145 – Wind Symphony I

MUSP 146 – Wind Symphony II

Jazz

MUSC 122 – Jazz Ensemble

MUSC 123 – Jazz Ensemble II

Commercial

MUSC 100 – Styles, Techniques, and the Soul of Popular Singing

MUSC 102 – Pop/Rock Ensemble I

MUSC 103 – Pop/Rock Ensemble II

MUSC 104 – Pop, Rock, and Jazz Performance Styles I

MUSC 105 – Pop, Rock, and Jazz Performance Styles II

MUSC 204 – Pop, Rock, and Jazz Performance Styles III

Chamber Music

MUSC 142 – Jazz Combos I

MUSP 143 – Jazz Combos II

MUSC 144 – Fusion Ensemble

MUSC 146 – Chamber Jazz

MUSP 115 – Chamber Chorale I

MUSP 120 – Chamber Singers I

MUSP 121 – Chamber Singers II

MUSP 133 – Brass Choir I

- MUSP 134 – Brass Choir II
 MUSP 136 – Percussion Ensemble I
 MUSP 138 – World Percussion Ensemble I
 MUSP 140 – Chamber Winds I
 MUSP 141 – Chamber Winds II
 MUSC 242 – Jazz Combos III
 MUSC 243 – Jazz Combos IV

Techniques

- MUSC 140 – Jazz Improvisation I
 MUSC 141 – Jazz Improvisation II
 MUSC 151 – Songwriting I
 MUSC 152 – Songwriting II
 MUSE 130 – Voice - Beginning
 MUSE 131 – Intermediate Voice
 MUSE 160 – Standard Percussion Instrumentation/Techniques
 MUSE 161 – World Percussion Instrumentation/Techniques
 MUSE 180 – Summer Instrumental Music Academy
 MUSE 188 – Music Production Software/Hardware I
 MUSE 189 – Music Production Software/Hardware II
 MUSE 225 – Popular Piano Styles
 MUSE 230 – Voice- Intermediate/Advanced
 MUSE 231 – Voice IV - Advanced
 MUSP 151 – Individual Performance Techniques

Studio

- MUSC 120 – Studio Laboratory Band I
 MUSC 121 – Studio Laboratory Band II
 MUSC 130 – Studio Orchestra I
 MUSC 131 – Studio Orchestra II

Musical Theatre

- MUSE 170 – Musical Theatre Academy Techniques
 MUSE 171 – Musical Theatre Techniques
 MUSP 170 – Musical Theatre Academy Production
 MUSP 171 – Musical Theatre Workshop
 MUSP 173 – Musical Theatre Production I
 MUSP 178 – Opera Workshop
 MUSP 181 – Musical Theatre Orchestra I
 MUSP 182 – Musical Theatre Orchestra II
 MUSP 281 – Musical Theatre Orchestra III
 MUSP 282 – Musical Theatre Orchestra IV

Career Development

- MUSC 118 – Music Performance for Events
 MUSC 170 – Classical Performance Techniques Tour (Vocal)

- MUSC 171 – Commercial Performance Techniques Tour (Vocal)
 MUSC 175 – Jazz Ensemble Tour
 MUSC 177 – Professional Performance Techniques
 MUSC 251 – Professional and Transfer Audition Preparation
 MUSC 271 – Professional Performance Techniques (Vocal)

Commercial Music Courses

MUSC 100 Styles, Technique, and the Soul of Popular Singing

2 Units

Grade or Pass/No Pass

Strongly Recommended: Audition.

Development of basic techniques and skills appropriate for singing various styles of commercial and popular music. Emphasis will be on fundamental singing techniques, song interpretation, and the joy of performing. Some music technology and the business of music will also be discussed. Solo and ensemble (back-up) singing performances are included. 36 lecture hours, 18 lab hours.

MUSC 102 Pop/Rock Ensemble I

2 Units

Grade Only

Prerequisite(s): Audition.

Successful completion of MUSE 070 or MUSE 090 will support audition success.

A course for vocalists and instrumentalists in the techniques from Doo-Wop, Rockabilly, Rhythm and Blues, "Covers" to Classic Rock, Teen Idols and Girl Groups, with a focus on the small ensemble setting. Students will work extensively on these early rock and pop stylings and within small groups, with the intention of public performance. Public performance required. 36 lecture hours, 36 lab hours. CSU

MUSC 103 Pop/Rock Ensemble II

2 Units

Grade Only

Prerequisite(s): Audition.

A course for vocalists and instrumentalists in the techniques from Motown, Soul, Folk-Rock and Psychedelic Rock of the 60's to contemporary pop and rock, Tex-Mex and Salsa, and contemporary vocal jazz groups, with a focus on the small ensemble setting. Students will work extensively on these rock and pop styl-

ings and within the application of a small group, with the intention of public performance. Public performance required. 36 lecture hours, 36 lab hours. CSU

MUSC 104 Pop, Rock, and Jazz Performance Styles I

4 Units

Grade Only

Prerequisite(s): Audition.

Successful completion of MUSE 070 or MUSE 090 will support audition success. Introductory study and performance of contemporary Pop, Rock, and Jazz styles. This course will focus on the various fusions of these diverse styles - including appropriate rehearsal and performance techniques. 36 lecture hours, 126 lab hours arranged. CSU

MUSC 105 Pop, Rock, and Jazz Performance Styles II

4 Units

Grade Only

Prerequisite(s): Audition.

Strongly recommended: MUSC 104.

Intermediate study and performance of contemporary Pop, Rock, and Jazz styles. This course will focus on the various fusions of these diverse styles, including appropriate rehearsal and performance techniques. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSC 106 Citrus College Show Choir I

4 Units

Grade Only

Prerequisite(s): Audition.

Successful completion of MUSE 070 or MUSE 090 will support audition success.

This class is an introduction to "Show Choir". This class includes singing, dance and movement for vocalists and rhythm section/horn accompaniment. Public Performance is required. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSC 107 Show Choir II

4 Units

Grade Only

Strongly Recommended: MUSC 106 or placement through skill assessment.

This class is designed to develop student's "Show Choir" level to intermediate status. This class includes singing, dance and movement for vocalists and rhythm

section/horn accompaniment. Public Performance required. 36 lecture hours, 108 lab hours arranged. CSU

MUSC 118
Music Performance for Events
1 Unit
Grade Only

Music Performance for Events is designed for the student to learn and enjoy the art of performing music for sports events and related functions. This course will incorporate the selection of, and the ability to perform the appropriate material. 72 lab hours.

MUSC 120
Studio Laboratory Band I
4 Units
Grade Only

Prerequisite(s): Audition.
Successful completion of MUSE 070 or MUSE 090 will support audition success.

Exploration and performance of beginning (Grade 2) large studio ensemble literature. Topics include the performance of various contemporary styles, section playing, and solo preparation in the studio ensemble setting. 54 lecture hours, 54 lab hours arranged. CSU;UC

MUSC 121
Studio Laboratory Band II
4 Units
Grade Only

Prerequisite(s): Audition.
 Exploration and performance of intermediate (Grade 3) large studio ensemble literature. Topics include the performance of various contemporary styles, section playing, and solo preparation in the studio ensemble setting. 54 lecture hours, 72 lab hours arranged. CSU;UC

MUSC 122
Jazz Ensemble
4 Units
Grade Only

Prerequisite(s): Audition.
 Study and performance of jazz and big band music. This course provides an opportunity to learn the techniques applicable to the large ensemble. Public performance required. 36 lecture hours, 126 lab hours arranged. CSU;UC

MUSC 123
Jazz Ensemble II
4 Units
Grade Only

Prerequisite(s): Audition.
 An intermediate study and performance of large jazz ensemble music. This course applies jazz techniques to performance situations for the large jazz ensemble. Public performance required. 36 lecture hours, 126 lab hours arranged. CSU;UC

MUSC 130
Studio Orchestra I
4 Units
Grade Only

Prerequisite(s): Audition.
Successful completion of MUSE 070 or MUSE 090 will support audition success.

A beginning study of the studio environment including recording of various musical styles. Public and studio performance required. 36 lecture hours, 126 lab hours arranged. CSU

MUSC 131
Studio Orchestra II
4 Units
Grade Only

Strongly Recommended: MUSC 130 or placement through skill assessment.

An intermediate study of the studio environment including recording of various musical styles. Public and studio performance required. 36 lecture hours, 126 lab hours arranged. CSU

MUSC 140
Jazz Improvisation I
3 Units
Grade Only

This is a class for music majors and performing artists. Fundamental jazz harmonic theory, techniques, and practices of jazz improvisation in a variety of styles will be introduced and explored. 54 lecture hours, 18 lab hours. CSU;UC

MUSC 141
Jazz Improvisation II
3 Units
Grade Only

Prerequisite(s): Audition.
 This is a class for music majors and performing artists. Advanced jazz harmonic theory, techniques, and practices of jazz improvisation in a variety of styles will be introduced and explored. 54 lecture hours, 18 lab hours. CSU;UC

MUSC 142
Jazz Combos I
1 Unit
Grade Only

Prerequisite: Audition.
Strongly recommended: MUSE 070, MUSE 090, or MUSC 140.

An introduction to small jazz ensemble performance practices and techniques, including improvisation. Students will study and perform easy standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU;UC

MUSC 143
Jazz Combos II
1 Unit
Grade Only

Prerequisite: Audition.
Strongly recommended: MUSC 141 or MUSC 142.

Intermediate small jazz ensemble performance practices and techniques, including improvisation. Students will study and perform intermediate-level standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU;UC

MUSC 144
Fusion Ensemble
1 Unit
Grade Only

Prerequisite(s): Audition.
 Students will work extensively on contemporary jazz styles including fusion of rock and jazz elements, post "Be-Bop" and avant garde styles. This class will be divided into small ensembles. Public performance required. 72 lab hours. CSU;UC

MUSC 146
Chamber Jazz
4 Units
Grade Only

Prerequisite(s): Audition.
 Exploration and performance of medium-advanced and advanced (Grade 4 and 5) large jazz ensemble literature. Topics include the performance of various jazz styles, jazz ensemble section playing, and solo preparation in the large jazz ensemble setting. Public performance required. 36 lecture hours, 126 lab hours arranged. CSU;UC

MUSC 151
Songwriting I
2 Units

Grade or Pass/No Pass

Strongly Recommended: MUSE 100 or placement through skill assessment.

This course acquaints the student with commercial songwriting techniques. Included are developing an idea, writing a melody, melodic expansion, chord progressions, form, and light orchestration. 36 lecture hours, 18 lab hours. CSU

MUSC 152
Songwriting II
2 Units

Grade or Pass/No Pass

Strongly Recommended: MUSC 151 or placement through skill assessment.

This course expands the student's commercial songwriting techniques. Included are development of ideas, writing melodies, melodic expansion, chord progressions, form, and light orchestrations. 36 lecture hours, 18 lab hours. CSU;UC

MUSC 160
Sight Reading for the Studio I
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MUSE 100.

A preparatory course in sight-reading for the aspiring performer/studio musician. Focus is upon polished/professional performance through the application of music theory and analysis to the sight-reading process. 54 lecture hours. CSU

MUSC 161
Sight Reading for the Studio II
3 Units
Grade Only

Prerequisite(s): MUSC 160 or Audition.

A continuation and further expansion upon the reading and performance concepts of music covered in Sight Reading for the Studio I. Public performance is required. 54 lecture hours. CSU

MUSC 170
Classical Performance Techniques Tour (Vocal)
4 Units
Grade Only

Prerequisite(s): Audition.

Strongly Recommended: ENGL 099 if

required by English placement exam or if required by English level.

An advanced course for the vocal performance major. Advanced classical vocal techniques in a professional quality performance/tour ensemble setting. 54 lecture hours, 54 lab hours arranged. CSU;UC

MUSC 171
Commercial Performance Techniques Tour (Vocal)
4 Units
Grade Only

Prerequisite(s): Audition.

An advanced course for the vocal performance major. Integration of advanced pop vocal techniques, dance, and body movement, and tour exposure in a professional-quality performance/tour ensemble setting. 54 lecture hours, 54 lab hours arranged. CSU;UC

MUSC 175
Jazz Ensemble Tour
7 Units
Grade Only

Prerequisite(s): Audition.

This course prepares the student for a unique instrumental ensemble experience through classroom instruction, laboratory training, and performance. Emphasis on solos as well as ensemble, study of jazz compositions, combined with an in-depth travel experience abroad. Public performance required. 72 lecture hours, 252 lab hours arranged. CSU;UC

MUSC 177
Professional Performance Techniques
3 Units
Grade Only

Prerequisite(s): Audition.

The Professional Performance Techniques for the musician class provides the musician with the necessary fundamentals, to accurately assess a performance setting and make appropriate decisions for its success. The course stresses detailed style analysis in a broad range of musical settings. Logistical necessities will be examined and the course will culminate with musical performances. 18 lecture hours, 108 lab hours arranged.

MUSC 190
Career Opportunities in the Music Entertainment Industry
3 Units
Grade Only

This is a class for students interested

in the music entertainment industry. Practices and procedures of artists and performers, record companies, live performance and touring, publishing, management, promotion, artist, radio station, video, and retail sales will be examined. Emphasis will be on prominent guest lecturers from various fields. 54 lecture hours.

MUSC 204
Pop, Rock, and Jazz Performance Styles III
4 Units
Grade or Pass/No Pass

Prerequisite(s): MUSC 104 or Audition.

A more in depth study and performance of contemporary Pop, Rock, and Jazz styles. 36 lecture hours, 126 lab hours arranged. CSU

MUSC 206
Show Choir III
4 Units
Grade Only

Prerequisite: Audition. Successful completion of MUSE 070 or MUSE 090 will support audition success.

This class is designed to develop student's "Show Choir" level to intermediate advanced status. This class includes singing, dance and movement for vocalists and rhythm section/horn accompaniment. Public performance required. 36 lecture hours, 108 lab hours. CSU

MUSC 242
Jazz Combos III
1 Unit
Grade Only

Prerequisite: Audition.

Strongly recommended: MUSC 143 or MUSC 240.

Intermediate-Advanced small jazz ensemble performance practices and techniques, including improvisation. Students will study and perform intermediate-advanced-level standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU;UC

MUSC 243
Jazz Combos IV
1 Unit
Grade Only

Prerequisite: Audition.

Strongly recommended: MUSC 241 or MUSC 242.

Advanced jazz ensemble performance practices and techniques, including improvisation. Students will study and perform advanced-level standard and non-standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU;UC

MUSC 251
Professional and Transfer Audition Preparation
2 Units
Grade Only

Prerequisite(s): Audition.

This course for music majors focuses on procedures, preparations and strategies that lead to audition success. Each student will develop a professional or transfer audition portfolio. Includes coaching, mock audition performance, and lecture and demonstration performance presentations from guest artists and academic and industry experts. 18 lecture hours, 72 lab hours arranged. CSU

MUSC 271
Professional Performance Techniques (Vocal)
4 Units
Grade or Pass/No Pass

Prerequisite(s): Audition.

An advanced course for the vocal performance major. Advanced vocal techniques in a professional-quality setting. Emphasis on rehearsal techniques, total presentation, body movement, and audience rapport. 54 lecture hours, 54 lab hours arranged.

Music Education Courses

MUSE 020
Foundational Music Reading
2 Units
Grade Only

Placement through skill assessment.

This course introduces foundational music reading skills in an ensemble environment. 18 lecture hours, 54 lab hours.

MUSE 070
Foundational Rhythm Section Pedagogy
3 Units
Grade Only

Placement through skill assessment.

This course presents an introduction to fundamental rhythm section instrument functions. Basic preparation for college level ensemble rehearsal and perfor-

mance environments. Included is an overview of rhythm section functions in various forms of music. Introductory musicianship, sight reading and theoretical concepts will be addressed. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED FOR THE 60 UNITS FOR GRADUATION. 36 lecture hours, 72 lab hours.

MUSE 090
Introduction to Instrumental Ensemble Performance
4 Units
Grade Only

Placement through skill assessment.

This course presents an introduction to foundational instrumental ensemble performance skills and concepts. Basic preparation for college level ensemble rehearsal and performance environments. Included is an overview of foundational instrumental pedagogy, instrumental music notation, and terminology. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED FOR THE 60 UNITS FOR GRADUATION. 54 lecture hours, 72 lab hours.

MUSE 100
Music Fundamentals
3 Units
Grade or Pass/No Pass

This course emphasizes basic music skills. Recommended for all students desiring a foundation in beginning theory, notation, ear training, and composition. 54 lecture hours. CSU;UC

MUSE 101
Musicianship I
2 Units
Grade Only

Co-Requisite(s): MUSE 102 and recommendation by instructor(s) of music courses which require knowledge of sightsinging.

An introductory class for the music major. Practice and skill development in melodic and rhythmic dictation, intervals, and sightsinging. Required of all music majors. 36 lecture hours. CSU;UC

MUSE 102
Harmony I
3 Units
Grade Only

Co-Requisite(s): MUSE 101.

Strongly Recommended: MUSE 100.

An introductory class in music theory for the music major. Study of scales, intervals, chord types, and harmonic progres-

sion. Required of all music majors. 54 lecture hours. CSU;UC

MUSE 103
Musicianship II
2 Units
Grade Only

Prerequisite(s): MUSE 101 and MUSE 102.

Co-Requisite(s): MUSE 104 and recommendation by instructor(s) of music courses which require knowledge of sightsinging.

Continuation of materials and skills developed in Music 100. Continued practice and skill development in melodic and rhythmic dictation, intervals, and sightsinging. Required of all music majors. 36 lecture hours. CSU;UC

MUSE 104
Harmony II
3 Units
Grade Only

Prerequisite(s): MUSE 102.

Co-Requisite(s): MUSE 103.

Continuation of materials and skills developed in Music 102. Additional study and analysis of scales, intervals, chord types and harmonic progression. Required of all music majors. 54 lecture hours. CSU;UC

MUSE 109
Music Appreciation
3 Units
Grade Only

This course is an introduction to music from the Middle Ages to the 20th Century. Instruction includes basic music theory, a study of prominent composers, and a survey of musical forms. Recommended for the non-music major. Required for music majors. 54 lecture hours. CSU;UC

MUSE 110
History of Music I
3 Units
Grade Only

This is an in-depth course examining the history of music as well as the lives and contributions of major composers from Antiquity, the Middle Ages, the Renaissance, and the Baroque periods. Required for music majors. 54 lecture hours. CSU;UC

MUSE 111
History of Music II
3 Units
Grade Only

This is an in-depth course examining the history of music as well as the lives and contributions of major composers from the Classical, Romantic, and 20th Century periods. Required for music majors. 54 lecture hours. CSU;UC

MUSE 112
History of Jazz
3 Units
Grade Only

A survey of jazz music. This course provides an opportunity to explore jazz music, its origins, its many styles, and some of the great names whose artistry influenced its development. The effect of jazz on other musical forms such as classical and rock & roll will be explored as well. 54 lecture hours. CSU;UC

MUSE 113
History of Rock and Roll
3 Units
Grade Only

This course focuses on the rock musician, the music and the manner in which sociological, political, and economic conditions merged in the evolution of this art form. - Listening and classroom discussion will be stressed. 54 lecture hours. CSU;UC

MUSE 114
Introduction to American Music
3 Units
Grade Only
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of American music from the seventeenth century until the present. Units include the Colonial music, spirituals, and gospel music, parlor songs, the ragtime and jazz era, the rise of classical music, music for the stage and screen, the blues, folk and protest music, country and western, and the birth of rock and roll. 54 lecture hours. CSU;UC

MUSE 120
Elementary Piano I
2 Units
Grade Only

For the beginning music student or non-music major. Covers all basic elements in elementary piano, including music reading, rhythm studies, technique, and scales. 36 lecture hours. CSU;UC

MUSE 121
Elementary Piano II
2 Units
Grade Only

Prerequisite(s): MUSE 120 or Audition.

Minimum of beginning standards of reading and performance for piano.

Continuation of skills and techniques learned in MUSE 120. Emphasis on reading skills, major scales, compound meters, ensemble playing, harmonization, and elementary classical keyboard literature. 36 lecture hours. CSU;UC

MUSE 130
Voice – Beginning
2 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides instruction and physical participation in the basic techniques necessary for good singing including posture, breathing, range extension and musicality. Additionally, beginning harmonic ear training provides tools for gradual improvement and musical achievement. 36 lecture hours, 18 lab hours. CSU;UC

MUSE 131
Intermediate Voice
2 Units
Grade or Pass/No Pass

Prerequisite(s): MUSE 130 or Audition.

This course provides a review of basic singing techniques with additional intermediate level instruction in greater vocal range, tone emission, and song memorization for the development of skill in performing literature for the solo voice. 36 lecture hours, 18 lab hours. CSU;UC

MUSE 140
Beginning Guitar I
2 Units
Grade Only

Stringing, tuning, fingering, playing techniques, notation, chords and chord progressions, reading guitar music, playing simple melodies and accompaniment. 36 lecture hours. CSU;UC

MUSE 141
Beginning Guitar II
2 Units
Grade Only

Prerequisite(s): MUSE 140 or Audition.

This course continues the development of skill begun in MUS 122. In addition, the following areas are covered: barre chords, additional accompaniment techniques, and major and minor scale patterns in first position. 36 lecture hours. CSU;UC

MUSE 160
Standard Percussion Instrumentation/Techniques
1 Unit
Grade Only

Prerequisite(s): Audition.

This course, for the percussionist, introduces appropriate exercises in rhythm, technique and consistency. Special selected studies including specific techniques and rhythmic patterns are chosen to advance the student's proficiency on the standard percussion instruments. Study of solo and ensemble literature from different periods of music chosen to suit the student's performance level. 18 lecture hours, 36 lab hours. CSU;UC

MUSE 161
World Percussion Instrumentation/Techniques
1 Unit
Grade Only

Prerequisite(s): Audition.

This course introduces appropriate exercises in rhythm, technique and consistency. Special selected studies include specific techniques and rhythm patterns which are chosen to advance the students proficiency on ethnic percussion instruments. Study of instruments and rhythms from Latin American, Middle Eastern, and other ethnic cultures. 18 lecture hours, 36 lab hours. CSU;UC

MUSE 170
Musical Theatre Academy Techniques
2 Units
Grade or Pass/No Pass

Prerequisite(s): Audition.

Musical Theatre Academy Techniques course provides students with the vocal training, dance technique, and acting fundamentals needed to perform. The course culminates in a final showcase which allows each student the training, experience, and exposure of performing for a live audience. 36 lecture hours, 36 lab hours. CSU

MUSE 171**Musical Theatre Techniques****3 Units****Grade or Pass/No Pass**

This introductory course provides an overview of the techniques necessary for the performer in a live musical theatre production. Topics include history of American musical theatre, audition technique, rehearsal and performance techniques, and methods of production evaluation. 36 lecture hours, 54 lab hours arranged. CSU;UC

MUSE 180**Summer Instrumental Music Academy****3 Units****Grade Only**

Summer Instrumental Music Academy (SIMA) provides high school and college level wind and percussion musicians the opportunity to review, strengthen and refine performance skills and techniques. SIMA includes large ensemble and small ensemble performance, instrument specific workshops, performance associated music theory and musicianship, and other unique musical explorations. Topics include sightreading, musical style and historical contexts, ensemble rehearsal techniques and live and studio performance preparation. SIMA culminates with a series of recording sessions in the Citrus Recording Technology studios. 18 lecture hours, 108 lab hours. CSU

MUSE 188**Music Production Software/Hardware I****2 Units****Grade Only**

Prerequisite(s): MUSE 100 or MUSE 120 or Audition.

Strongly Recommended: CIS 099.

An introductory course in the use of music production software and hardware in the composition and arranging of music. Included are music sequencing, music revision/editing, instrumental mixing, enhancing effects, and CD production. Designed for the music major. 36 lecture hours. CSU

MUSE 189**Music Production Software/Hardware II****2 Units****Grade Only**

Prerequisite(s): MUSE 188 or Audition.

This course is a continuation of the

use of music production software and hardware in the computerized realization ('mock up') of a musical composition/arrangement. Included are advanced concepts in music affected by the process of sequencing, editing, mixing and effects. 36 lecture hours. CSU

MUSE 201**Musicianship III****2 Units****Grade Only**

Prerequisite(s): MUSE 103 and MUSE 104.

Co-Requisite(s): MUSE 202.

Melodic and rhythmic dictation and sight singing. Identification of intervals, chord qualities, scales, phrases and harmonic function. Required for transferring music majors. 36 lecture hours. CSU;UC

MUSE 202**Harmony III****3 Units****Grade Only**

Prerequisite(s): MUSE 104.

Co-Requisite(s): MUSE 201.

Continuation of first year's study, including seventh chords, secondary dominants, modality, harmonic structure of the phrase, harmonization of a given part, harmonic rhythm, irregular resolutions of secondary dominants, analysis of melodies, short works for piano, chorales, and songs. Required of all transferring music majors. 54 lecture hours. CSU;UC

MUSE 203**Musicianship IV****2 Units****Grade Only**

Prerequisite(s): MUSE 201 and MUSE 202.

Co-Requisite(s): MUSE 204.

A continuation of MUSE 201. This course will include more challenging rhythmic, melodic, and harmonic dictation and solfège. Required for transferring music majors. 36 lecture hours. CSU;UC

MUSE 204**Harmony IV****3 Units****Grade Only**

Prerequisite(s): MUSE 201 and MUSE 202.

Co-Requisite(s): MUSE 203.

Continuation of first year's study, including seventh chords, secondary dominants, modality, harmonic structure of the phrase, harmonization of a given

part, harmonic rhythm, irregular resolutions of secondary dominants, analysis of melodies, short works for piano, chorales, and songs. Required of all transferring music majors. 54 lecture hours. CSU;UC

MUSC 206**Show Choir III****4 Units****Grade Only**

Prerequisite: Audition. **Successful completion of MUSE 070 or MUSE 090 will support audition success.**

This class is designed to develop student's "Show Choir" level to intermediate advanced status. This class includes singing, dance and movement for vocalists and rhythm section/horn accompaniment. Public performance required. 36 lecture hours, 108 lab hours. CSU

MUSE 220**Intermediate Piano I****2 Units****Grade Only**

Prerequisite(s): MUSE 121 or Audition.

Continued development of essential keyboard skills. This course emphasizes improvisation, melodic harmonization, and reading music at sight. 36 lecture hours. CSU;UC

MUSE 221**Intermediate Piano II****2 Units****Grade Only**

Prerequisite(s): MUSE 220 or Audition.

Continued development of essential keyboard skills learned in Intermediate Piano I. This course emphasizes working with lead sheets, interpretation of chord symbols, advanced scale types, and transcription. 36 lecture hours. CSU;UC

MUSE 222**Advanced Piano I****2 Units****Grade Only**

Prerequisite(s): MUSE 221 or Audition.

This course continues the development of skills begun in MUS 105, 106, and 205 with emphasis on increased proficiency. Included in the repertoire are moderately difficult compositions representative of selected stylistic periods of piano literature. This course, or a similar background, is required for music majors. 36 lecture hours. CSU;UC

MUSE 223
Advanced Piano II
2 Units
Grade Only

Prerequisite(s): *MUSE 222 or Audition.*

This course is a continuation of the first semester of second year piano and emphasizes the further development of those skills previously set forth. This course, or a similar background, is highly recommended for all transferring music majors. 36 lecture hours. CSU;UC

MUSE 224
Keyboard Skills for the Music Major
3 Units
Grade or Pass/No Pass

A keyboard skills class for music majors. Covers all basic elements of piano; includes skills that are specifically essential for musicians, such as: accompaniment, score reading, harmonization, sight-reading, keyboard harmony, and ensemble playing. 54 lecture hours.

MUSE 226
Functional Piano for the Music Major
2 Units
Grade or Pass/No Pass

Strongly Recommended: *MUSE 100.* Functional piano skills for all music majors whose primary instrument is not the piano. Implementation of keyboard familiarity and basic technique to music theory (harmony), chord structures in improvisation, melodic study and music production software. 36 lecture hours.

MUSE 230
Voice – Intermediate/Advanced
2 Units
Grade Only

Prerequisite(s): *MUSE 131 or Audition.*

This course provides a review of Intermediate vocal techniques and introduces the first processes of advanced level instruction. Vocal exercises include extension of range, stylistic analysis, and repertoire development used in performing literature for the solo voice. 36 lecture hours, 18 lab hours. CSU;UC

MUSE 231
Voice IV - Advanced
2 Units
Grade Only

Prerequisite(s): *MUSE 230 or Audition.*

Advanced vocal exercises and tech-

niques, analysis and repertoire development used in performing literature for the solo voice. 36 lecture hours, 18 lab hours. CSU;UC

MUSE 240
Intermediate Guitar I
2 Units
Grade Only

Prerequisite(s): *MUSE 141 or Audition.*

Instruction in scales, chords, and arpeggios in all keys and positions. Improvising, accompanying, sight reading, transposing, and performing of popular and classical styles. 36 lecture hours. CSU;UC

MUSE 241
Intermediate Guitar II
2 Units
Grade Only

Prerequisite(s): *MUSE 240 or Audition.*

This course is a continuation of the first semester intermediate guitar (Music 124). Course includes solo guitar playing techniques, and ensemble playing. 36 lecture hours. CSU;UC

Music Performance Courses

MUSP 100
Concert Choir I - Beginning
3 Units
Grade Only

Strongly Recommended: *MUSE 130 or previous participation in choral ensembles.*

Open to all students capable of sustaining a vocal harmony part. Instruction in choral literature for the large choral ensemble. Special attention is given to choral tone production, phrasing and interpretation. Participation in public performances is required. 54 lecture hours, 18 lab hours arranged. CSU;UC

MUSP 101
Concert Choir II-Intermediate
3 Units
Grade Only

Prerequisite(s): *Audition.*

Additional study of standard choral literature for the large choral ensemble. Students receive intermediate level instruction in tone production, phrasing, and interpretation. Participation in public performances is required. 54 lecture hours, 18 lab hours arranged. CSU;UC

MUSP 105
Women's Ensemble I Beginning
4 Units
Grade Only

Prerequisite(s): *Audition.*

This course prepares the student for in-depth women's ensemble performance at the beginning level. Emphasis on study and performance of classical and popular compositions for women's ensemble. Public performance is required. 36 lecture hours, 126 lab hours arranged. CSU;UC

MUSP 106
Women's Ensemble II Intermediate
4 Units
Grade or Pass/No Pass

Prerequisite(s): *MUSP 105 or Audition.*

This course prepares the student for in-depth women's ensemble performance at the intermediate level. Emphasis on study and performance of pop compositions for women's ensemble. Public performance is required. 36 lecture hours, 126 lab hours arranged. CSU;UC

MUSP 110
Vocal Ensemble I Beginning
3 Units
Grade Only

Prerequisite(s): *Audition.*

Strongly Recommended: *ENGL 099 if required by English placement exam or if required by English level.*

Recommended for all beginning students interested in learning and performing repertoire for the small vocal ensemble. Includes standard vocal literature for various combinations of voices with intensive preparation in choral techniques for public concerts. Public performances required. 54 lecture hours, 18 lab hours arranged. CSU;UC

MUSP 111
Vocal Ensemble II
3 Units
Grade or Pass/No Pass

Recommended for all students interested in furthering and expanding their knowledge of repertoire for the small vocal ensemble. Includes more in-depth study of standard vocal literature for various combinations of voices with intensive preparation of choral literature for public concerts. Public performance required. 36 lecture hours, 54 lab hours arranged. CSU;UC

MUSP 115
Chamber Chorale I Beginning
4 Units
Grade Only

Prerequisite(s): Audition.

This course prepares the student for more in-depth ensemble experience. Emphasis on study and performance of classical and pop compositions for small vocal ensembles. Public performances are required. 36 lecture hours, 126 lab hours. CSU;UC

MUSP 120
Chamber Singers I Beginning
4 Units
Grade Only

Prerequisite(s): Audition.

This course includes the study and performance of composition for the mixed chamber choral ensemble. Includes compositions of the Baroque, Classic, and Romantic style period. Public performance required. Audition required 36 lecture hours, 126 lab hours. CSU;UC

MUSP 121
Chamber Singers II Intermediate
4 Units
Grade Only

Prerequisite(s): MUSP 120 or Audition.

This course includes the study and performance of composition for the mixed chamber chorale setting. Includes traditional compositions as well those of the contemporary style period. Public performance required. 36 lecture hours, 126 lab hours. CSU;UC

MUSP 133
Brass Choir I
3 Units
Grade Only

Prerequisite(s): Audition.

Successful completion of MUSE 090 will support audition success.

Study and performance of brass ensemble music. This course provides an opportunity to learn performance practices of brass music in various styles through the medium of a large brass ensemble. Literature from the Renaissance through the Classical period will be covered. Public performance required. 36 lecture hours, 54 lab hours. CSU;UC

MUSP 134
Brass Choir II
3 Units
Grade Only

Prerequisite(s): Audition.

Study and performance of contemporary brass ensemble music. This course provides an opportunity to learn performance practices of brass music in various styles through the medium of a large brass ensemble. Literature from the Romantic Era to the 20th Century will be covered. Public performance required. 36 lecture hours, 54 lab hours. CSU

MUSP 136
Percussion Ensemble I
1 Unit

Grade or Pass/No Pass

Prerequisite(s): Audition.

A course for percussionists in the study, rehearsal, and performance of classical, modern and novelty percussion ensemble chamber music with a focus on the small to medium size (4 - 16) ensemble setting. Students will explore the rhythmic and stylistic idiosyncrasies of this group of musical styles in sectional and full ensemble settings, with the intention of public performance. Public performance required. 18 lecture hours, 36 lab hours. CSU;UC

MUSP 138
World Percussion Ensemble I
1 Unit
Grade or Pass/No Pass

Prerequisite(s): Audition.

A course for percussionists in the study, rehearsal, and performance percussion ensemble chamber music from Latin American, Middle Eastern and various other ethnic cultures with a focus on the small to medium size (4 - 16) ensemble setting. Students will explore the rhythmic and stylistic idiosyncrasies of this group of musical styles in sectional and full ensemble settings, with the intention of public performance. Public performance required. 18 lecture hours, 36 lab hours. CSU;UC

MUSP 140
Chamber Winds I
4 Units
Grade Only

Prerequisite(s): Audition.

Successful completion of MUSE 090 will support audition success.

The study and performance of medium-advanced instrumental chamber wind literature. Students will be organized into

various chamber music ensembles to prepare, perform and record assigned literature. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 141
Chamber Winds II
4 Units
Grade Only

Prerequisite(s): Audition.

The study and performance of advanced instrumental chamber wind literature. Students will be organized into various chamber music ensembles to prepare, perform and record assigned literature. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 145
Wind Symphony I
4 Units
Grade Only

Prerequisite(s): Audition.

Strongly Recommended: MUSE 090.

The study and performance of beginning-intermediate (Grade 2-3) level wind band literature, with an emphasis on the development of high standards of personal and musical professionalism. Public performance and field trips required. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 146
Wind Symphony II
4 Units
Grade Only

Prerequisite(s): Audition.

Successful completion of MUSE 090 will support audition success.

The study and performance of intermediate level wind band literature, with an emphasis on the development of high standards of personal and musical professionalism. Public performance and field trips required. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 151
Individual Performance Techniques
2 Units
Grade Only

Prerequisite(s): Audition.

This course offers music majors instruction for solo and recital performance. Repertoire selection and development will be covered. Includes master class and coaching opportunities, programming, solo and recital attire and etiquette, and accompaniment coordination. 18 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 170
Musical Theatre Academy
Production
4 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

An in-depth survey of the skills necessary for the performer in a live musical theatre production. Emphasis on the audition process, script analysis, role preparation, theatre and rehearsal etiquette and rehearsal technique culminating in a live, full-length fully-produced musical. 36 lecture hours, 126 lab hours. CSU;UC

MUSP 171
Musical Theatre Workshop
4 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

A practical overview of, and creative workshop on, the process and skills of developing, producing, and performing in a musical. Emphasis on script analysis, character development, production themes, and vocal production, culminating in a live, full-length, fully-produced musical. 36 lecture hours, 108 lab hours arranged. CSU

MUSP 173
Musical Theatre Production I
Beginning
4 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Basic musicianship and sight reading skills Vocal quality assessment Ability to hold individual vocal part. Live musical theatre production. Students will function as principles and ensemble members in a fully produced musical. The course is also open to qualified musicians and technicians who wish to participate in production. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 178
Opera Workshop
2 Units
Grade Only

Prerequisite(s): Audition.

Training and performance in solos, trios and small ensembles from the light opera and operatic repertoire. Introduction to standard literature, languages/diction, staging, and performance of this repertoire in scenes or in full opera productions. 18 lecture hours, 54 lab hours. CSU;UC

MUSP 181
Musical Theater Orchestra I
4 Units
Grade Only

Prerequisite(s): Audition.

Successful completion of MUSE 070 or MUSE 090 will support audition success.

Musical Theater Orchestra I offers beginning instruction in instrumental performance of conducted orchestral ensemble accompaniment of live staged dance, drama and song, including contemporary Broadway literature, and film and media soundtrack. This course introduces the unique challenges of musical theatre performance that differ from those of concert stage performance, including following live dramatic action, pit orchestra orientation, woodwind doubling, underscore, click track and headphone use, book organization and music marking. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 182
Musical Theatre Orchestra II
4 Units
Grade Only

Prerequisite(s): Audition.

Musical Theater Orchestra II offers intermediate level instruction in instrumental performance of conducted orchestral ensemble accompaniment of live staged dance, drama and song, including contemporary Broadway literature, and film and media soundtrack. This course provides continuing opportunities to meet the unique challenges of musical theatre performance that differ from those of concert stage performance, including following live dramatic action, pit orchestra orientation, woodwind doubling, underscore, click track and headphone use, book organization and music marking. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 200
Concert Choir III Intermediate/
Advanced
3 Units
Grade Only

Prerequisite(s): Audition.

An intermediate/advanced study of standard choral literature of various periods for the large choral ensemble. Additional instruction in tone production, phrasing, range extension, and interpretation. Participation in public performances is required. 54 lecture hours, 18 lab hours arranged. CSU;UC

MUSP 201
Concert Choir IV - Advanced
3 Units
Grade Only

Prerequisite(s): Audition.

Advanced study of standard choral literature of various musical periods and vocal techniques as they apply to the advanced choral singer in a large choral ensemble. 54 lecture hours, 18 lab hours arranged. CSU;UC

MUSP 255
Competitive Collegiate Jazz
Ensemble
4 Units
Grade Only

Prerequisite(s): Audition.

This course involves preparation and participation in collegiate jazz competitions 54 lecture hours, 72 lab hours arranged. CSU;UC

MUSP 281
Musical Theatre Orchestra III
4 Units
Grade Only

Prerequisite(s): Audition.

Musical Theater Orchestra III offers advanced-intermediate level instruction in instrumental performance of conducted orchestral ensemble accompaniment of live staged dance, drama and song, including contemporary Broadway literature, and film and media soundtrack. This course provides continuing opportunities to meet the unique challenges of musical theatre performance that differ from those of concert stage performance, including following live dramatic action, pit orchestra orientation, woodwind doubling, underscore, click track and headphone use, book organization and music marking. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 282
Musical Theatre Orchestra IV
4 Units
Grade Only

Prerequisite(s): Audition.

Musical Theater Orchestra IV offers advanced level instruction in instrumental performance of conducted orchestral ensemble accompaniment of live staged dance, drama and song, including contemporary Broadway literature, and film and media soundtrack. This course provides continuing opportunities to meet the unique challenges of musical theatre performance that differ from those of concert stage performance, including fol-

lowing live dramatic action, pit orchestra orientation, woodwind doubling, underscore, click track and headphone use, book organization and music marking. 36 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 290
Applied Music I Beginning
2 Units
Grade Only

Prerequisite(s): Audition.

A beginning level workshop class in applied music including a private one-half hour lesson per week, attendance and participation in a weekly concert hour and skill and repertoire building activities. 18 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 291
Applied Music II Intermediate
2 Units
Grade Only

Prerequisite(s): MUSP 290 or Audition.

An intermediate level workshop class in applied music with an emphasis on classical techniques which includes a private one-half hour lesson per week, attendance and participation in a weekly concert hour and skill and repertoire building activities. 18 lecture hours, 108 lab hours arranged. CSU;UC

MUSP 292
Applied Music III Intermediate/Advanced
2 Units
Grade Only

Prerequisite(s): MUSP 291 or Audition.

An advanced level workshop class in applied music with an emphasis on popular techniques which includes a private one-half hour lesson per week, attendance and participation in a weekly concert hour and skill and repertoire building activities. 18 lecture hours, 108 lab hours arranged. CSU;UC

Natural History

(Natural Sciences Department)

Field work courses in the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of various geographical areas are offered under the umbrella of Natural History. Courses in natural history transfer to CSU as elective units.

Natural History Courses

NAT 180A
Natural History Series - Deserts A
2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the desert region will be covered. Possible locations of interest but not restricted to include Death Valley, high desert, Anza Borrego-Salton Basin, Western Colorado Plateau, Eastern Colorado Plateau, Southeastern Arizona, Trans-Pecos or Baja California. There will be three to ten days of class depending in the region visited. A transportation fee may be assessed. 36 lecture hours. CSU

NAT 180B
Natural History Series - Deserts B
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the desert region will be covered. Possible locations of interest but not restricted to include Death Valley, high desert, Anza Borrego-Salton Basin, Western Colorado Plateau, Eastern Colorado Plateau, Southeastern Arizona, Trans-Pecos or Baja California. There will be three to ten days of class depending in the region visited. A transportation fee may be assessed. 54 lecture hours. CSU

NAT 181A
Natural History Series - Coastal Mountains, Coastlines, Tropical Regions and Islands A
2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the region will be covered. Possible locations of interest include, but are not restricted to San Gabriel Mountains, southern, central and northern California Coastlines, Hawaiian Islands, Channel Islands, Oregon Coast, Galapagos Islands,

Costa Rica or Belize. There will be three to ten days of class depending in the region visited. A transportation fee may be assessed. 36 lecture hours. CSU

NAT 181B
Natural History Series - Coastal Mountains, Coastlines, Tropical Regions and Islands B
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the region will be covered. Possible locations of interest include, but are not restricted to San Gabriel Mountains, southern, central and northern California Coastlines, Hawaiian Islands, Channel Islands, Oregon Coast, Galapagos Islands, Costa Rica or Belize. There will be three to ten days of class depending in the region visited. A transportation fee may be assessed. 54 lecture hours. CSU

NAT 182A
Natural History Series - Inland Mountains, Valleys and Alaska A
2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the region will be covered. Possible locations of interest but not restricted to include Sierra Nevada, Owens Valley, San Andreas Fault Region, Cascades, Banff-Jasper, Alaska, and Rio Grand Valley. There will be three to ten days of class depending in the region visited. A transportation fee may be assessed. 36 lecture hours. CSU

NAT 182B
Natural History Series - Inland Mountains, Valleys and Alaska B
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the region will be covered. Possible locations of interest but not restricted

to include Sierra Nevada, Owens Valley, San Andreas Fault Region, Cascades, Banff-Jasper, Alaska, and Rio Grand Valley. There will be three to ten days of class depending in the region visited. A transportation fee may be assessed. 54 lecture hours. CSU

Nursing Courses

(Health Sciences Department)

Nursing, a Health Sciences program, prepares students to care for individuals, families, and communities so they may attain, maintain, or recover optimal health and quality of life. Refer to other sections of this chapter for information on the Registered Nursing and Vocational Nursing programs. This page describes programs at the entry-level of a nursing career; students may earn a skill award in Nurse Assistant. Nursing 101 Nurse Assistant trains students in the theory and skills needed to care for residents in a long-term care facility. Upon successful completion of coursework, students become eligible to take the California Nurse Assistant Examination for Certification.

NRS 100

Introduction to Vocational Nursing 3 Units

Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 029.

This course is a prerequisite for entrance into the vocational nursing program. It offers an introduction to the fundamental skills needed for a career as a licensed vocational nurse, including medical terminology, elements of pharmacology, introductory anatomy and physiology, legal issues related to healthcare, and communication skills. This course is offered for Pass/No Pass grading only. 36 lecture hours, 54 lab hours.

NRS 101

Nurse Assistant 5 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Provision of basic nursing care to residents in a long-term care facility. Upon successful completion of this course, students become eligible to sit for the nurse assistant competency exam for certification. 54 lecture hours, 108 lab hours.

NRS 102

Home Health Aide 1 Unit

Grade Only

Prerequisite(s): NRS 101 and proof of a current, active, Certified Nursing Assistant Certificate issued by the California Department of Public Health Services and Health Sciences Department approval.

Prepares an active certified nursing assistant to deliver care with the skills needed to provide safe and appropriate health care services to clients in a home or assisted living environment. 20 lecture hours, 20 lab hours. CSU

Registered Nursing

(Health Sciences Department)

The registered nursing program prepares students to care for individuals, families, and communities so they may attain, maintain, or recover optimal health and quality of life. The program includes the dual emphasis of nursing theory and clinical practice of direct patient care. The program meets the training requirements identified by the California Board of Registered Nursing and qualifies students to take the licensure examination (NCLEX-RN). Upon successful completion of this examination, students are able to enter practice as a Registered Nurse. Additionally, completion of the Associate in Science Degree in Nursing prepares students for transfer to a four-year institution to study for a baccalaureate in nursing degree. Advanced placement in the program may be granted to students with prior vocational nursing or registered nursing education or equivalent.

Registered Nursing Courses

RNRS 190

Foundations of Nursing 4 Units

Grade Only

Prerequisite(s): Admission to the ADRN program.

The first course in the nursing sequence, students are introduced to the applications of critical thinking and the nursing process needed to provide basic care to clients in a variety of community, long term and acute care settings. Emphasis is on promoting optimum health across the health-illness continuum. Clinical experiences provide the opportunity to practice basic skills in the skills lab and the clinical setting. 36 lecture hours, 108 lab hours.

RNRS 191

Intro to Medical/Surgical Nursing I 5 Units

Grade Only

Prerequisite(s): BIOL 200, BIOL 201 and BIOL 220.

Co-Requisite(s): RNRS 190 and RNRS 192.

Introduction to Medical-Surgical Nursing I introduces the first year nursing student to concepts and practices as they relate to the non-critical patient in the medical-surgical environment. Through utilization of the nursing process, the student will recognize alterations in functioning or illness and formulate age-appropriate nursing interventions by utilizing the nursing process and critical thinking skills. 36 lecture hours, 162 lab hours.

RNRS 192

Pharmacology for Nurses 2 Units

Grade Only

Prerequisite(s): BIOL 200, BIOL 201 and BIOL 220.

Co-Requisite(s): RNRS 190 and RNRS 191.

The course introduces students to basic understandings of the interaction between drugs and living systems and prepares students for system application of drug therapy throughout the remainder of the program. The course includes instruction in drug classes and schedules, principles of drug administration, pharmacokinetics, pharmacodynamics across the life span, and legal and ethical issues related to drug administration. 36 lecture hours.

RNRS 193

Pediatric Nursing 3.5 Units

Grade Only

Prerequisite(s): RNRS 190, RNRS 191 and RNRS 192.

Co-Requisite(s): RNRS 194 and RNRS 195.

This course focuses on integration and application of the nursing process as it relates to the nursing care of children and their families. Emphasis is on the concepts and skills related to age and developmentally appropriate family centered care. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of pediatric settings. 36 lecture hours, 81 lab hours.

RNRS 194
Obstetrics/Maternity Nursing
3.5 Units
Grade Only

Co-Requisite(s): RNRS 195.

This course will enable the student to attain knowledge and skills necessary to provide safe, effective, culturally sensitive physiological and psychosocial care using the nursing process and family centered approach for childbearing clients and their families. Clinical experiences will provide opportunities for students to participate in therapeutic activities during antepartum, intrapartum, and postpartum periods; as well as the care and monitoring of the newborn. 36 lecture hours, 81 lab hours.

RNRS 195
Beginning Medical/Surgical Nursing II
5 Units
Grade Only

Prerequisite(s): RNRS 190, RNRS 191 and RNRS 192.

Co-Requisite(s): RNRS 193 and RNRS 194.

Medical Surgical Nursing II develops the first year nursing student's knowledge and skills as they relate to the adult non-critical moderately complex medical-surgical patient. Through utilization of the nursing process, the student will recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Psychomotor skills associated with moderately complex needs, medication administration and intravenous therapy will be studied and practiced. The impact of multiple nursing diagnoses on patient outcomes will be introduced. 45 lecture hours, 135 lab hours.

RNRS 200
Role Transition: LVN to RN
3 Units
Grade Only

Prerequisite(s): BIOL 200, BIOL 201 and BIOL 220.
and current licensure in California as a Licensed Vocational Nurse.

This course is designed to assist the LVN in transitioning from the LVN role to the expected role of the ADN student. Course content includes nursing process, critical thinking, therapeutic communication, delegation skills, physical assessment and legal/ethical concerns. The on-campus lab provides opportunity for students to validate nursing skill and

practice new skills like physical assessment.

RNRS 201
Medical-Surgical Nursing III
5 Units
Grade Only

Prerequisite(s): RNRS 193, RNRS 194 and RNRS 195 or RNRS 200 and current licensure in California as a Licensed Vocational Nurse.

This course examines the nursing care of selected individuals throughout the lifespan who are experiencing complex alterations in wellness involving multiple systems. Clinical experiences in local health care agencies and computerized simulation manikins and scenarios provide students opportunity to apply theoretical concepts to actual care of clients. 45 lecture hours, 135 lab hours.

RNRS 203
Mental Health-Psychiatric Nursing
3 Units
Grade Only

Prerequisite(s): RNRS 193, RNRS 194 and RNRS 195 or RNRS 200 or current standing as a LVN in California.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course presents the principles of mental health and the social, economic, cultural and physiological factors that predispose a person to dysfunctional human behavior. Emphasis is placed on the therapeutic role of the nurse in promoting, preventing, maintaining and restoring individuals to optimal mental well-being. Concepts of therapeutic communication, age-related concerns, treatment modalities, and delivery of mental health services are included. Clinical laboratory experiences are provided in community care facilities. 27 lecture hours, 81 lab hours.

RNRS 251
Medical-Surgical Nursing IV
6 Units
Grade Only

Prerequisite(s): RNRS 201 and RNRS 203.

Co-Requisite(s): RNRS 252.

This course is a continuation of the nursing care of selected individuals throughout the life span who are experiencing complex alterations in wellness involving multiple systems. Care of clients experiencing multi-system failure and severe trauma is also included. Clinical

experiences in local health care agencies provide students opportunity to apply theoretical concepts to actual care of patients. 54 lecture hours, 162 lab hours.

RNRS 252
Leadership for Professional Nursing Practice
2 Units
Grade Only

Prerequisite(s): RNRS 201.

Co-Requisite(s): RNRS 251.

This course socializes students into the graduate registered nurse role. It focuses on the exploration and analysis of contemporary nursing practice, current trends, and issues impacting nursing care delivery. Advanced leadership and management concepts are discussed as part of the nursing role. Clinical experiences will be provided in Nursing 251. 36 lecture hours.

RNRS 290
Gerontological Nursing
2 Units
Grade Only

Prerequisite(s): RNRS 195.

This course provides knowledge regarding the care of geriatric clients, including facts and theories of aging and cultural perspectives as well as specific information about each body system and alterations associated with aging. The course concludes with a discussion of gerontological issues. 18 lecture hours, 54 lab hours.

Vocational Nursing
 (Health Sciences)

Vocational nursing, a career technical education program, provides the educational opportunity for students to develop the social, technical, and professional skills required of a licensed vocational nurse. The program prepares the student for the NCLEX-VN examination for state licensure through the Board of Vocational Nurses and Psychiatric Technicians. Upon successful completion of this examination, students are able to enter practice as Licensed Vocational Nurses. Successfully completed vocational nursing coursework may be applied toward an associate degree as electives.

Vocational Nursing Courses

VNRS 150 Fundamentals of Nursing 3 Units Grade Only

Prerequisite(s): NRS 100

Co-Requisite(s): VNRS 151L and current admission to the Vocational Nursing program.

This course presents the evolution of nursing through history until the present time, defines the paradigm of health and illness, explores the issues of culture and ethnicity, and examines the nurse-client relationship. The course presents a wide variety of basic nursing procedures used in the practice of vocational nursing, including how to do the procedure, as well as why and when these procedures should be done. The course presents special tools of nursing: the nursing diagnosis and the nursing process, which are used to provide individualized care to clients. 54 lecture hours.

VNRS 151L Fundamentals of Nursing Lab 3 Units Pass/No Pass

Prerequisite(s): NRS 100.

Co-Requisite(s): VNRS 150 and current admission to the Vocational Nursing program.

Clinical application of theoretical concepts of basic nursing functions. This course is offered for Pass/No Pass grading only. 162 lab hours.

VNRS 152 Pharmacology I 1 Unit Grade Only

Prerequisite(s): NRS 100.

A beginning course in pharmacology. Elementary use of drug formulas, conversions, and dosage forms. Interpreting medical orders, and reading drug labels by learning common abbreviations; calculating I.V. flow rates is also included. 18 lecture hours.

VNRS 153 Introductory Nutrition for the Vocational Nurse 1 Unit Grade Only

Prerequisite(s): NRS 100 and current admission to the Vocational Nursing program.

This course introduces the fundamentals of nutrition to the nursing student

by discussing the relationship of food and health and the body's utilization of the six essential nutrients. Content also includes the five basic food groups, the food guide pyramid, and how to define and achieve a well-balanced diet. This course establishes the foundation needed for further study of nutrition in VNRS 163. 18 lecture hours.

VNRS 154 Body Structure and Function for the Vocational Nurse I 1.5 Units Grade Only

Prerequisite(s): NRS 100.

Co-Requisite(s): VNRS 150, VNRS 151L, VNRS 152, VNRS 153 and VNRS 155.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Vocational nursing students will explore the basic facts of human anatomy and the principals of physiology with selected clinical examples. 27 lecture hours.

VNRS 155 Social-Psychology for the Vocational Nurse 1 Unit Grade Only

Prerequisite(s): NRS 100.

Co-Requisite(s): VNRS 150, VNRS 151L and VNRS 152.

This course introduces basic concepts of psychology while helping students relate them to their patient and themselves. It includes information about personality development, wellness, and personal care, assertiveness, job-related communication, cultural and spiritual differences, employability skills, the role of the LVN, general legal aspects and nursing ethics. 18 lecture hours.

VNRS 160 Medical-Surgical Nursing I 3 Units Grade Only

Prerequisite(s): VNRS 150

Co-Requisite(s): VNRS 161L and current admission to the Vocational Nursing program.

This course presents the theory and principles of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. The course presents the principles and skills needed to perform a beginning level assessment of clients with alterations of these systems, within

the scope of practice of the LVN. The course presents the application of the nursing process to the planning and care of these clients. 54 lecture hours.

VNRS 161L Medical-Surgical Nursing I Lab 3 Units Pass/No Pass

Prerequisite(s): VNRS 151L.

Co-Requisite(s): VNRS 160.

Clinical application of theoretical concepts of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. Offered for Pass/No Pass grading only. 162 lab hours.

VNRS 162 Pharmacology II 1 Unit Grade Only

Prerequisite(s): VNRS 150, VNRS 151L, VNRS 152, VNRS 153A, VNRS 154, and VNRS 155.

Fundamental principles of drug action, the application of specific drugs in the treatment of disease, and the appropriate nursing actions to maximize the desired outcome of therapy. 18 lecture hours.

VNRS 163 Diet Therapy for the Vocational Nurse 1 Unit Grade Only

Prerequisite(s): VNRS 153 and current admission to the Vocational Nursing program.

This course presents nutritional needs across the lifespan, including the nutritional needs of healthy adults and the needs of people with certain illnesses, as well as nutritional needs related to pregnancy and lactation. Content includes nutritional assessment and planning, and the use of therapeutic diets in the treatment of certain illnesses. This course builds on the fundamentals of nutrition presented in VNRS 153. 18 lecture hours.

VNRS 164 Body Structure and Function for the Vocational Nurse II 1.5 Units Grade Only

Prerequisite(s): VNRS 154.

Co-Requisite(s): VNRS 160 and current admission into the Vocational Nursing Program.

A continuation of body structure and

function for the vocational nurse with clinical case studies. 27 lecture hours.

VNRS 165

Adult Growth and Development for the Vocational Nurse

**1 Unit
Grade Only**

Prerequisite(s): VNRS 150 and current admission to the Vocational Nursing program.

Theoretical principles of growth and development. Nursing assessment and promotion of health of the adult from early adulthood through death. 18 lecture hours.

VNRS 170

Medical-Surgical Nursing II

**7 Units
Grade Only**

Prerequisite(s): VNRS 160, VNRS 161L, VNRS 162, VNRS 163 and VNRS 164.

Co-Requisite(s): VNRS 171L.

Provide advanced nursing students the theory needed to perform skills and procedures for the adult in VNRS 171L. By consistently emphasizing the nursing process and rationale, the approach to each body system includes basic assessment or data collection, planning, implementation, evaluation and documentation. Basic nursing skills are reinforced while advanced skills include those related to the following body systems: cardiovascular, respiratory, neurological, genitourinary, endocrine and special senses. 126 lecture hours.

VNRS 171L

Medical-Surgical Nursing II Lab

**7 Units
Pass/No Pass**

Co-Requisite(s): VNRS 170 and VNRS 183.

Clinical application of theoretical concepts of medical-surgical nursing of clients with alterations of respiration, circulation, blood and immune system, endocrine, special senses, neurological, and genito-urinary conditions. Offered for Pass/No Pass grading only. 378 lab hours.

VNRS 172

Advanced Pharmacology

**2 Units
Grade Only**

Prerequisite(s): VNRS 162.

Fundamental principles of drug action and the application of specific drugs for

the treatment of patients with alterations of respiration, renal system, circulation, the blood, endocrine function, neurological function, vision, and hearing. 36 lecture hours.

VNRS 173

Psychology for Vocational Nurses

**2 Units
Grade Only**

Prerequisite(s): VNRS 160.

Co-Requisite(s): VNRS 172.

Mental health care for patients and their families who are experiencing the pain of mental disorders. Teaches the nurse to plan and deliver care and provide health teaching so that effective self-care is possible when discharge occurs. 36 lecture hours.

VNRS 180

Pediatric Nursing

**3.5 Units
Grade Only**

Prerequisite(s): VNRS 160, VNRS 161L, VNRS 162, VNRS 163, VNRS 164 and VNRS 181 or current enrollment.

This course covers normal and abnormal conditions of the child from infancy through adolescence. It includes pediatric nursing experience in a local hospital, day care center, and/or clinic. 36 lecture hours, 90 lab hours.

VNRS 181

Growth and Development: Infancy-Adolescence

**1 Unit
Grade Only**

Prerequisite(s): VNRS 160.

Basic knowledge of child development and guidelines for use in primary health care settings. 18 lecture hours.

VNRS 182

Obstetrical-Gynecological Nursing

**4 Units
Grade Only**

Prerequisite(s): VNRS 160, VNRS 161L, VNRS 162, VNRS 163, VNRS 164 and VNRS 165.

This course covers obstetrical and gynecological conditions of the female patient, with clinical experience in a local community hospital. 36 lecture hours, 126 lab hours.

VNRS 183

Leadership in Nursing

**3 Units
Grade Only**

Prerequisite(s): VNRS 160, VNRS 161L, VNRS 170 and/or VNRS 171L and/or concurrent enrollment.

Teaches advanced nursing students the theory needed to perform skills and procedures used by nursing team leaders in a clinical setting. 36 lecture hours, 54 lab hours.

Office Technology and Computer Applications

(Technology and Engineering Department)

The Office Technology and Computer Applications discipline trains students in the use of current office applications using state-of-the-art equipment in preparation for professional careers, transfer study, and/or personal use. The program provides training appropriate for entry-level office jobs and administrative assistant positions; to update students' work skills in computers, management, keyboarding and other office related functions; and employment training in a broad area of study including records management, purchasing, business machine skills, office procedures, filing, word processing, scheduling, business English, publishing, and business mathematics. Students may earn skill awards in Information/ File Clerk and General Office Clerk. Students may earn a certificate of achievement in Administrative Office Occupations. Courses satisfy general education requirements for an associate degree in Business with an emphasis in Office Occupations.

Office Technology Courses

OFF 101

Introduction to Microsoft Office Applications

**3 Units
Grade or Pass/No Pass**

Introduction to Windows and Microsoft Office Suite applications. Computer applications include word processing, spreadsheets, database management, presentation graphics, scheduling/time management, and the Internet. 54 lecture hours, 36 lab hours. CSU

OFF 120
Microsoft Excel
3 Units

Grade or Pass/No Pass

An Excel worksheets and workbooks course to include: formatting, calculating sums, formulas, charts, enhancing the worksheet, and making decisions using the IF function, completing financial functions, data lists, large workbooks using templates, using advanced sorting and filtering, creating charts, diagrams, and templates, creating PivotTable, Pivot-Chart reports, and auditing worksheets, using data analysis, solver, and scenario features, using macros, and Visual Basic for applications, external data, data-base functions, side-by-side tables, and collaborating with others and preparing a workbook for distribution. 54 lecture hours, 18 lab hours. CSU

OFF 215
Microsoft Outlook
2 Units

Grade or Pass/No Pass

Strongly Recommended: CIS 099.

An introduction to Microsoft Outlook scheduling and organizing program. Topics include creating and editing a calendar, contacts, task list, journal, notes, synchronizing personal digital assistant, and communicating with an electronic mail system. 36 lecture hours.

OFF 260
Computer Keyboarding and Document Processing
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course introduces skills and techniques fundamental to touch keyboarding on a microcomputer. This course also introduces document processing of letters, memorandums, reports and tables and is open to students with no previous keying experience. 54 lecture hours, 36 lab hours. CSU

OFF 281
Filing and Records Management
3 Units

Grade or Pass/No Pass

An overview of records management which involves practical fundamentals of records management, basic filing principles, procedures, and systems. Emphasis is on non-correspondence records, information storage, and retrieval

systems. Management aspects of records retention, disposition, and the operation of a records management program. 54 lecture hours.

OFF 285
Administrative Office Procedures
3 Units

Grade or Pass/No Pass

This is a course in office procedures and protocol for the person preparing for an office career. It emphasizes continuous self-evaluation and self-development in the areas of basic office skills, professional responsibilities, communication, and human relations. 54 lecture hours.

OFF 294
Microsoft Word
3 Units

Grade Only

Word processing concepts with topics to include: creating and editing text and printing office documents such as, letters from templates, research papers, resume, mail merge, and newsletters. Creating mailing labels, using styles and creating multi-level lists and charts. Using mark-up tools, building reusable documents, advance table features, creating mass mailings, creating standardized forms, working with long documents, embedding, linking objects using Macros, and integrating Word with PowerPoint. This course will also include proofreading and editing skills. 54 lecture hours, 18 lab hours.

Philosophy

(Social Sciences Department)

Philosophy is the study of the nature of reality, knowledge, and values through a critical analysis of fundamental assumptions or beliefs. The study of logic, ethics, and the history of philosophy provides a means of systemizing, assimilating, and evaluating information and the development of philosophical perspective. The study of philosophy is a valuable background for students interested in social or natural sciences, or humanities and particularly in law, theology, and education. Philosophy courses satisfy general education requirements for an associate degree, a liberal arts degree with an emphasis in arts and humanities/philosophy, and lower division transfer. The Honors Program includes one philosophy course: PHIL 106H Introduction to Philosophy—Honors

Philosophy Courses

PHIL 101
Great Religions of the World
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The historical development, principal ideas and contributions of the world's religions. 54 lecture hours. CSU;UC

PHIL 106
Introduction to Philosophy
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The foundations of philosophy in terms of modes of critical thinking, significant philosophical problems, and a representative sampling of primary philosophical writings. 54 lecture hours. CSU;UC

PHIL 106H
Introduction to Philosophy - Honors
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is a degree-applicable, introductory level course for honors students. Students are expected to work and participate at an honors level, which includes strong critical thinking skills, thorough analysis of philosophical writings, and presentation skills as demonstrated by leading a seminar discussion. 54 lecture hours. CSU;UC

PHIL 108
Philosophy/Ethics
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A critical analysis of ethical theories including Kantianism, Utilitarianism and Virtue Ethics, as well as the application of these ethical theories to moral problems. 54 lecture hours. CSU;UC

PHIL 110
Philosophy/Logic
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam

or if required by English level.

A course introducing fundamental problems and principles of formal and informal logic, featuring proofs of validity, deductive and inductive reasoning, and detection and analysis of fallacies. 54 lecture hours. CSU;UC

Photography

(Fine Arts Department)

Prepares students to enter the field of professional photography with the ability to become successful business people and highly valued employees. Career choices include working as commercial advertising photographers, corporate photographers, portrait and wedding photographers, photographic lab technicians.

PHTO 101 Basic Photography 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Fundamental still photography with emphasis on planning a photograph, choice of camera, choice of films and papers, use of natural and artificial light, function of lenses and shutters, and techniques for processing sensitized materials. Also basic computer skills. Material fee. 36 lecture hours, 90 lab hours. CSU;UC

PHTO 102 Intermediate Photography 3 Units

Grade or Pass/No Pass

Prerequisite(s): PHTO 101.

Provides emphasis on lighting, control of lighting and subject contrast, advanced composition and photographic print quality. Students will acquire intermediate level digital image processing skills. Material fee. 36 lecture hours, 90 lab hours. CSU;UC

PHTO 103 Advanced Photography 3 Units

Grade or Pass/No Pass

Prerequisite(s): PHTO 102.

A study of black and white photographic techniques introducing advanced methods and medium and large format as applied to commercial and industrial careers working with more specialized equipment. Material fee. 36 lecture hours, 90 lab hours. CSU

PHTO 125 Photography as an Art Medium 3 Units

Grade or Pass/No Pass

Prerequisite(s): PHTO 102.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Develop skills in the use of graphic arts processes and materials as well as photo techniques currently used by professional photographers, commercial artists, fashion illustrators, cinematographers, and graphic designers. Material fee. 36 lecture hours, 54 lab hours. CSU;UC

PHTO 126 Advanced Photography as an Art Medium 3 Units

Grade or Pass/No Pass

Prerequisite(s): PHTO 125.

A continuation of PHTO 125. This course provides advanced digital techniques and wet lab processes. Utilizing materials relevant to the photography industry today, students will create artistic photographic images. Material fee. 36 lecture hours, 54 lab hours.

PHTO 202 Photojournalism 3 Units

Grade or Pass/No Pass

Strongly Recommended: PHTO 101.

Covers the theory and practice of news photography. Students will capture digital images of live situations on campus and in nearby communities. Material fee. 36 lecture hours, 54 lab hours. CSU

PHTO 205 Color Photography 3 Units

Grade or Pass/No Pass

Prerequisite(s): PHTO 101.

A course on color photography in the digital/electronic format. Instruction includes use of cameras, filters, white balancing, exposure, lighting equipment, and color analysis for color printing with digital printers. Material fee. 36 lecture hours, 90 lab hours. CSU;UC

PHTO 206 Intermediate Color Photography 3 Units

Grade or Pass/No Pass

Prerequisite(s): PHTO 205.

Covers the use of electronic flash equipment and experimental exposures. Students will print from scanned negatives,

slides and different electronic file types. Assignments will cover control of color balance, Kelvin temperature and white balance. Material fee. 36 lecture hours, 90 lab hours. CSU

PHTO 213 Studio & Environmental Portraiture 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, PHTO 101, PHTO 102, and PHTO 215.

Articulates the principles of taking portraits indoors and outdoors utilizing various lighting equipment for the professional photographer. Material fee. 36 lecture hours, 90 lab hours.

PHTO 215 Digital Photographic Imaging 3 Units

Grade or Pass/No Pass

Strongly Recommended: PHTO 101 and PHTO 205.

In this practical hands-on introduction, the fundamental technical and aesthetic principles of digital photographic processes are addressed, including instruction on DSLR camera operation, composition, and digital retouching and manipulation. Instruction also includes Adobe Photoshop software acquisition techniques and output technologies. Discussion covers contemporary digital imaging and its application within commercial and fine arts. Assignments demonstrate mastery of technical skills and individual creative expression. Helps if student has own DSLR but not required. Material fee. 36 lecture hours, 90 lab hours.

Physics

(Physical Sciences Department)

Physics, a natural science, is the scientific study of matter and energy and of the interaction between the two. Courses in physics satisfy general education requirements for the associate degree and lower division transfer and can fulfill some of the major requirements for the associate degree in Biological and Physical Sciences and Mathematics.

Physics Courses

PHYS 106

Physical Science for Educators

4 Units

Grade Only

Prerequisite(s): MATH 030 or concurrent enrollment.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of chemistry and physics and the relationships among these disciplines. Emphasis is placed on the ways in which chemistry and physics affect everyday life. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. PHYS 106 and CHEM 106 are the same course. 54 lecture hours, 54 lab hours. CSU

PHYS 110

Introduction to College Physics

4 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030.

A general physics course for non-majors that explores fundamental principles of the physical world, including kinematics, Newton's laws of motion, conservation laws, electromagnetism, waves, optics and modern physics. 54 lecture hours, 54 lab hours. CSU;UC

PHYS 111

Physics for Life Sciences I

4 Units

Grade Only

Prerequisite(s): MATH 151 or concurrent enrollment.

The first in a two-course sequence in algebra/trigonometry-based physics including mechanics, energy, matter and thermodynamics with an emphasis on how these concepts apply to biological systems. This course is designed for students planning to enter medicine, dentistry, pharmacy, optometry, forestry, and (4 year) nursing. (For transfer as a calculus-based physics course, students must take PHYS 111C). 54 lecture hours, 54 lab hours. CSU;UC

PHYS 111C

Physics for Life Sciences I Calculus Supplement

1 Unit

Grade Only

Prerequisite(s): PHYS 111 and MATH 190 or concurrent enrollment.

Application of calculus to topics covered in PHYS 111. The course is intended for students who require credit for a calculus-based physics for life science course. 18 lecture hours. CSU;UC

PHYS 112

Physics for Life Sciences II

4 Units

Grade Only

Prerequisite(s): MATH 151.

Strongly Recommended: PHYS 111.

One of two algebra/trigonometry based physics courses covering waves, optics, electromagnetism and modern physics with an emphasis on how these concepts apply to biological systems. This course is designed for students planning to enter medicine, dentistry, pharmacy, optometry, forestry, and (4 year) nursing. 54 lecture hours, 54 lab hours. CSU;UC

PHYS 201

Physics A: Mechanics

5 Units

Grade Only

Prerequisite(s): MATH 190.

Fundamental principles of mechanics, vectors, motion, work, energy, momentum, and rotational motion. Required of all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU;UC

PHYS 202

Physics B: Thermodynamics and Electromagnetism

5 Units

Grade Only

Prerequisite(s): PHYS 201 and MATH 191.

Strongly Recommended: MATH 210 (As prerequisite or corequisite).

Core topics include the laws of thermodynamics, kinetic theory, electrostatics, magnetism, DC and AC circuits, and Maxwell's equations. This course is part of a three-semester sequence and is required of all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU;UC

PHYS 203

Physics C: Waves, Optics & Modern Physics

5 Units

Grade Only

Prerequisite(s): PHYS 201 and MATH 191 or concurrent enrollment.

Core topics are waves, optics and modern physics. This course is intended for students majoring in physical sciences and engineering and is part of a three-semester course. 72 lecture hours, 54 lab hours. CSU;UC

PHYS 220A

Introduction to Independent Research in Physics

1 Unit

Grade Only

Strongly Recommended: PHYS 201 and ENGL 101.

An introductory course in research for students interested in physics-related research or projects. This course includes an introduction to research methods, directed reading, or other advanced study beyond the introductory physics level. 54 lab hours. CSU;UC

PHYS 225

Team-based Research in Physics I

1 Unit

Grade Only

Prerequisite(s): PHYS 110 or PHYS 201 or concurrent enrollment.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course in research for students participating in team based, physics-related research or projects. Topics include conducting a literature review, learning to be part of an effective research/design team and selecting feasible research ideas for implementation and outreach. 54 lab hours. CSU;UC

PHYS 226

Team-based Research in Physics II

1 Unit

Grade Only

Prerequisite(s): PHYS 201 and PHYS 220A or PHYS 225 and MATH 151 or MATH 190.

Strongly Recommended: ENGL 101.

A second course in research for students participating in team based, physics-related research or projects. Topics include preparing and presenting a professional-style research proposal and the development of an experimental design to carry out the research. 54 lab hours. CSU;UC

Political Science

(Social Sciences Department)

Political science, a social science, is the study of the processes, principles, and structure of government and political institutions, and the analysis of issues that governments face in developing policies in the current domestic and global context. Political science contributes to an understanding of democracy that equips students to fulfill the obligations of citizenship. Political science courses satisfy general education requirements for an associate degree, a liberal arts degree with an emphasis in social and behavioral sciences/political science, and lower division transfer requirements. The Honors Program includes: POLI 103H American Government and Politics - Honors.

Political Science Courses

POLI 103

American Government and Politics 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course deals with the origins and functions of the government of the United States with special emphasis on the background and causes of present problems. It meets the United States Constitution graduation requirement and includes local and state government. 54 lecture hours. CSU;UC

POLI 103H

American Government and Politics - Honors 3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course deals with the origins and functions of the government of the United States with special emphasis on the background and causes of present problems. It meets the United States Constitution graduation requirement and includes local and state government. Students are expected to work and participate at an honors level which includes demonstrating strong critical thinking skills through analysis of social scientific literature and original research in a seminar style class format. 54 lecture hours. CSU;UC

POLI 104

Introduction to Political Science 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to the principles and practices of government. Political theories and contemporary ideologies; nature of the state; constitution and law; public opinion; mass media; the nature of foreign policy and international politics. 54 lecture hours. CSU;UC

POLI 105

Comparative Politics 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course to acquaint students with the types of governmental systems which people establish in their various localities around the world and the competing values that tend to result in conflicts between opposing groups of people. An in-depth analysis of contending political ideologies, electoral procedures, and governing institutions is the course's main focus. This course is structured to provide a regional and comparative approach to the study of politics at the global level. 54 lecture hours. CSU;UC

POLI 108

Political Theory 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 101 if required by English placement exam or if required by English level.

This course traces the development of key concepts in political theory such as justice, democracy, liberty, equality, order, citizenship, sovereignty, power and revolution over the course of Western history to include the ancient, modern, and contemporary periods. The course traces the evolution of key political concepts through an examination of thinkers from these periods, including Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Madison, Mill, Marx, and Arendt. 54 lecture hours. CSU;UC

POLI 116

International Relations 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An examination of basic theories of international relations and their relevance to contemporary world politics. 54 lecture hours. CSU;UC

Psychology

(Behavioral Sciences Department)

Psychology is the scientific study of behavior and cognitive processes. Using the scientific method, this discipline examines thoughts, emotions, and behavior from biological and physiological perspectives. Courses in psychology satisfy general education requirements for an associate degree in liberal arts with an emphasis in social and behavioral sciences, and lower division transfer. The Honors Program Includes: PSY 101H - Honors Introduction to Psychology and PSY 250 Honors Topics Seminar.

Psychology Courses

PSY 101

Introduction to Psychology 3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course is an introduction to psychology as an empirical science involving a synthesis of theory and research within the domains of behavior, cognition and affect. Students are expected to work and participate using critical thinking skills, thoughtful analysis/synthesis of readings, presentations and discussions within the class environment. 54 lecture hours. CSU;UC

PSY 101H

Introduction to Psychology - Honors 3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course is an introduction to psychology as an empirical science involving a synthesis of theory and research within the domains of behavior, cognition and affect. Students are expected to work

and participate at an honors level which includes demonstrating strong critical thinking skills through analysis of social scientific literature and original research in a seminar style class format. 54 lecture hours. CSU;UC

PSY 102
Psychobiology

3 Units

Grade or Pass/No Pass

Prerequisite(s): PSY 101.

Strongly Recommended: BIOL 104 or BIOL 105 and ENGL 101.

Study of the effects of biology upon behavior, the relationship between psychological processes and the nervous system, muscular, and glandular features of the response mechanism, and the structure and functions of the sense organs. 54 lecture hours. CSU;UC

PSY 103
Statistics for the Social and Behavioral Sciences

3 Units

Grade Only

Prerequisite(s): MATH 150.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An elementary course in statistical concepts designed especially for students in the social or behavioral sciences area. The development of basic skills in descriptive statistics and inferential statistics is stressed. Reliability and validity problems when generalizing from samples to population will be considered. 54 lecture hours. CSU;UC

PSY 110
Psychology of Religion I

3 Units

Grade or Pass/No Pass

This course explores the connection between psychology and religion. It focuses on how different schools of psychological thought view and interpret religious concepts and experiences. The major psychological perspectives that are studied include: Psychoanalytic theory, Behavioristic and Humanistic theories. The psychological principles embedded in religion will be studied. 54 lecture hours. CSU;UC

PSY 203
Research Methods in Psychology

4 Units

Grade Only

Prerequisite(s): PSY 101 and PSY 103

or MATH 165.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course in research methodology designed for students in the behavioral and social sciences. The application of basic skills in descriptive and inferential statistics is stressed, as well as critical analysis of experimental and non-experimental research methods in basic and applied research settings. 54 lecture hours, 54 lab hours. CSU;UC

PSY 205
Developmental Psychology

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Developmental Psychology is the scientific study of progressive changes in behavior, cognition, and abilities. Attention is paid to issues related to the roles of nature and nurture in developmental processes. 54 lecture hours. CSU;UC

PSY 206
Child Growth and Development

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course examines major physical, psychosocial, and cognitive/language developmental milestones as they pertain to the various ages and stages in a child's life from the prenatal development through adolescence. Practices of investigative research methodologies, caregiving, education, teaching, and parenting that derive from diverse cultural and theoretical perspectives will be analyzed. Students will learn to observe and children, evaluate individual differences and analyze characteristics of development at various stages. Interactions between maturational and environmental factors will be explored. 54 lecture hours. CSU

PSY 212
Behavioral Disorders

3 Units

Grade or Pass/No Pass

Prerequisite(s): PSY 101.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course provides an overview of the various mental disorders as listed in the

Diagnostic and Statistical Manual (DSM IV-R) and identifies therapies used in treatment of these disorders. 54 lecture hours. CSU;UC

PSY 213
Survey of Drug and Alcohol Use and Abuse

3 Units

Grade or Pass/No Pass

Prerequisite(s): PSY 101.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This survey course includes drug classification, drug physiology and psychopharmacology, theories of addiction, history and theories of treatment, dual diagnosis, drug testing and social policy, recovery and rehabilitation, and other related topics. 54 lecture hours. CSU;UC

PSY 220
Introduction to Social Psychology

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to the study of social psychology emphasizes the nature of socially determined behavior as seen in the areas of conformity, propaganda, prejudice, social roles, social process, social perception, and culturally determined personality. 54 lecture hours. CSU;UC

PSY 225
Psychology of Human Sexuality

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory survey of the psychological bases and dimensions of human sexuality with emphasis on the socio-cultural factors involved in intimate relating, sexuality, and loving. 54 lecture hours. CSU;UC

PSY 226
Psychology of Women

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course will examine theory and research on female development from birth to death, taking into consideration

psychological, sociological and biological factors. Implications for personal and social change will be emphasized through critical analysis of contemporary gender issues, data and psychological theory. 54 lecture hours. CSU;UC

PSY 250
Honors Topics Seminar
0.5 Units
Grade Only

Co-Requisite(s): Enroll in approved course as determined by honors program.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Seminar is designed to enhance the learning experience for students enrolled in traditional sections of courses when an honors section is not available. Seminar will feature the additional academic components needed to achieve honors credit. Instructor/student contact is required. 27 lab hours. CSU

Public Works

(Public Services Department)

Public Works, a career technical program, provides training for entry-level employment or advancement in public works occupations. Job opportunities include public works maintenance worker, arborist, and landscape or park management worker. Upon completion of the courses in this discipline as well as the general education requirements, students may earn an associate degree in Public Works. Students may also earn certificates of achievement in Public Works I or Public Works II.

Public Works Courses

PUB 150
Public Works I
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Basic course in street maintenance covering the materials utilized; a review of equipment and techniques used in their applications. Additional public works programs will be introduced such as, but not limited to: street tree programs, street painting and sign programs, street sweeping, weed control, and watershed management. 54 lecture hours.

PUB 151
Street Construction and Maintenance
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, PUB 150.

A course in street maintenance covering materials and methods, with emphasis on preventive maintenance of asphaltic and Portland Cement concrete pavements. Specifications, records and cost accounting systems, as well as revenue sources and budget preparation, will be reviewed. Other subjects include safety, drainage, equipment records and specifications, review of watershed management, and public relations. Codes which pertain to improvements and repair will be reviewed. 54 lecture hours.

PUB 154
Soils - Trenching and Grading
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The course will cover the technology of soils as they are used in public works construction. This technology includes the identification and classification of soils, soil testing, and the application of these tests in the construction, maintenance, trenching and grading operations of public works projects. 54 lecture hours.

PUB 155
Public Works Inspection
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A comprehensive course in public works inspection, including Portland cement concrete, asphaltic concrete, soils, base and subgrade materials. Contracts and specifications and plans will be discussed. Utilities, including underground water, sewer and storm drains will be covered, with emphasis on the safety aspects of trenching, tunneling and jacking. Responsibilities of the contractor, the engineer, the inspector and the owner will be included. Surveying and staking will be reviewed. Prime consideration will be given to inspection records, duties and job diary techniques. 54 lecture hours.

PUB 156
Concrete Structures and Inspection
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher.

An advanced course in public works inspection covering Portland cement concrete culvert and bridge construction beginning with the field work of site preparation, structural excavation, concrete footings, "false-work" structures, structural and reinforcing steel, and concrete placement. Prime considerations will be given to inspection reporting, records, and new advances in technology. 54 lecture hours.

PUB 157
Asphalt and Portland Cement
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A comprehensive course in asphaltic concrete and Portland Cement concrete construction technology following the standards of the Asphalt Institute, standard specifications for public works construction, American Concrete Institute and the Portland Cement Association. Included will be design production, placement, consolidation and compaction of the materials. Evaluation of surface defects, maintenance and safety will be covered. 54 lecture hours.

PUB 158
Municipal and Urban Tree Care
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in tree care for persons working in public works or private industry: tree anatomy, physiology, pruning, cabling, identification, root structure and its effects on infrastructure, soil management and irrigation. The course is designed to prepare students to pass the Tree Worker Certification exam given by Western Chapter, International Society of Arboriculture. WCISA contact hours available upon successful completion. 54 lecture hours. CSU;UC

PUB 159
Urban Forest Management Planning
3 Units

Grade or Pass/No Pass

Strongly Recommended: Successful completion of Student Learning Outcomes from one or more Public Works classes.

This course will guide students in developing an urban forest management plan. It is intended for those who manage populations of trees: municipalities, golf courses, educational institutions, public gardens, and property managers. Plans will be based on interdisciplinary activities that influence and are related to urban forest activities. Students will create a ready-to-use management plan and receive peer review. 54 lecture hours. CSU

PUB 160
Public Administration
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A basic course covering the overview of local government functions; development of the role of public works; the constraints of operation; techniques of administration in planning, finance, and personnel; the traditional model of public works organization and new advances in technology. 54 lecture hours.

PUB 161
California Occupational Safety and Health
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course covering California Occupational Safety and Health standards and the National Occupational Safety and Health Act of 1970 as applied to public works. The safety standards for excavations, trenches, tunnels, rock drilling, construction and hauling equipment, flammable vapors, and toxic substances. 54 lecture hours.

PUB 162
Traffic Control Standards, Practices, and Policies
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam

or if required by English level.

This course provides a greater awareness and appreciation of the unique design, installation, and maintenance techniques required for the proper control and regulation of traffic according to the Manual on Uniform Traffic Control Devices (MUTCD). Course is intended for public works personnel. 54 lecture hours.

PUB 164
Plan Interpretation and Cost Estimating
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in developing the ability to read and interpret plans and estimate time, material, labor and equipment needed for public works projects. 54 lecture hours.

PUB 165
Environmental Management in Public Works
3 Units

Grade or Pass/No Pass

Strongly Recommended: PUB 150.

This course is an overview of environmental issues in Public Works. Topics include water quality, watershed management, integrated waste management, air pollution control, regulatory compliance, sustainability, and related issues. 54 lecture hours. CSU

PUB 166
Supervision in Public Works
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Fundamentals of supervision focusing on the public works industry. Topics to be covered include communications, employee orientation and training, motivating employees, decision making, performance appraisal writing, and disciplinary action. 54 lecture hours.

Reading & College Preparation

(Language Arts Department)

Reading courses facilitate the development of students' critical and analytical thinking skills in reading and comprehending college-level texts. Courses are

offered at the developmental, non-degree-applicable level and college-level. Courses are also taught within learning communities. READ 099 Reading Skills satisfies the associate degree reading competency requirement and is strongly recommended for virtually all transfer courses. Reading is one of the three core measurements for assessment and placement.

Reading Courses

READ 019
Literacy Skills
3 Units

Grade or Pass/No Pass

This course is designed for students who need a non-competitive environment to develop basic literacy skills including decoding, vocabulary acquisition, and literal comprehension. 54 lecture hours.

READ 040
Basic Reading Skills
3 Units
Grade Only

Prerequisite(s): READ 019 or placement based on multiple measure assessment.

Development of basic reading strategies which focus on word analysis, vocabulary development, ability to respond orally and in writing to materials read independently from a variety of textual complexities, patterns, and forms including reference, informational, persuasive and literary genres. Designed primarily for students preparing for READ 099. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.

READ 099
Reading Skills
3 Units

Grade or Pass/No Pass

Prerequisite(s): ESL 054 or placement at the READ 099 level as defined by the College and/or successful completion with a C or better in ESL 054, as a result of previous Accuplacer placement in ESL.

An introduction to the fundamental techniques of college reading designed to develop student's literal and inferential comprehension while extending critical reading/thinking skills. This course meets the graduation reading competency requirement. Placement based on multiple

measure assessment as defined by the College, successful completion of READ 040, or successful completion of ESL 054. 54 lecture hours.

READ 120 College Reading 3 Units

Grade or Pass/No Pass

Prerequisite(s): *READ 099 or placement based on multiple measures.*

This course develops students' literal, interpretive, and critical comprehension skills; expands their critical reading and analysis skills; increases their reading speed. 54 lecture hours. CSU

Real Estate

(Business Department)

The Real Estate Program encompasses an area of study which includes real estate principles, pre-license, finance, legal aspects, appraisal, practice, property management, escrow, and investment analysis. The Real Estate Program within the Citrus College Business Department prepares students for professional careers and offers courses that are transferable for credit to four year colleges and universities. The program combines classroom lectures, demonstrations, and individual hands-on training in work-experience settings. The faculty works closely with various industry sectors and professional organizations.

Real Estate Courses

REAL 210 Real Estate Principles 3 Units

Grade or Pass/No Pass

Strongly Recommended: *ENGL 099 if required by English placement exam or if required by English level.*

A basic course for those who plan to enter the real estate field vocationally or who desire a background in the subject. Topics include: contracts, economics, history, financing, deeds, leases, and partial preparation for California Real Estate Salesperson License Examination. 54 lecture hours. CSU

REAL 212 Real Estate Practice 3 Units

Grade or Pass/No Pass

Strongly Recommended: *ENGL 099 if required by English placement exam*

or if required by English level. Also, REAL 210.

This course covers office procedures and practices in listing agreements, conflicts in agency, escrow, disclosures, and requirements for a real estate exchange. 54 lecture hours. CSU

Recording Technology (Fine Arts Department)

This is a one-year audio recording program intended to teach you the basics of how to engineer any kind of music, from hip-hop to classical to movie scenes.

Recording Technology Courses

REC 100 Survey of Entertainment Technology 4 Units Grade Only

Strongly Recommended: *ENGL 099 if required by English placement exam or if required by English level.*

This course is an introduction to conventional and online entertainment technology. Includes exploring the content and creation of recorded music, television, radio, live theatre, film, video and electronic gaming; lecture, demonstration, field trips and guest professionals; media creation. 72 lecture hours.

REC 102 Record Production Basics 4 Units Grade Only

This is a course in the study and implementation of production techniques for the music industry. Students will develop a selected project from an initial concept to a finished product. 36 lecture hours, 108 lab hours.

REC 103 Introduction to Audio Engineering 4 Units Grade Only

Strongly Recommended: *ENGL 099 if required by English placement exam or if required by English level.*

This course is an introduction to the current technology, terminology and techniques used in audio engineering for recorded music, video and online media. Includes the history of audio, basic audio electronics, microphones, consoles, computer-based production systems and related signal processors. 54 lecture hours, 72 lab hours.

REC 105 Fundamentals of Audio Technology 4 Units Grade Only

Prerequisite(s): *REC 100, REC 103 and REC 140.*

This course is an introduction to audio technologies and recording techniques. Units include computer basics for audio production, the production console, microphones, digital recording systems, signal processing, and studio techniques. 54 lecture hours, 72 lab hours.

REC 115 Recording Studio Workshop I 4 Units Grade Only

Prerequisite(s): *REC 100, REC 103, and REC 140.*

This applied workshop course provides an introduction to basic audio hardware, software and recording techniques. Units include digital audio workstation set-up and operation, basic microphone techniques, software and hardware-based recording and mixing. 54 lecture hours, 72 lab hours.

REC 125 Digital Audio Technology I 3 Units Grade Only

Prerequisite(s): *REC 100, REC 103 and REC 140.*

Strongly Recommended: *SPCH 100 or have passed a multiple measures skills assessment.*

This course is the study and implementation of MIDI technology in the audio recording industry. The course covers standard software sequencers, controllers, modules, soft-synths and applications of the technology in the industry. 54 lecture hours, 36 lab hours. CSU

REC 135 Live Sound Reinforcement 4 Units Grade Only

Co-Requisite(s): *REC 105 or THEA 120.*

This course focuses on the basic elements of sound reinforcement: acoustics, equalization, microphone placement, and mixing techniques. The major emphasis is on the acoustics, speaker and microphone placement and the effects on the final sonic product. 54 lecture hours, 72 lab hours.

REC 140
Music Theory for Engineers
3 Units
Grade Only

An introductory course in music theory for the Recording Technology major. A study of the elements of music including melody, rhythm, chords, musical forms, and related concepts. Music notation, terminology and score reading are emphasized. 54 lecture hours. CSU

REC 145
Critical Listening Skills for Engineers
3 Units
Grade Only

Prerequisite(s): REC 100, REC 103 and REC 140.

Co-Requisite(s): REC 105, REC 115, REC 125 and REC 135 or have passed a Multiple Measures Skills assessment.

A course in aural skills development for recording engineers. This class will focus on music, acoustic and electronic timbres, general instrument ranges and sonic properties, blend, balance, equalization, panning, reverb, compression, limiting and other tools used in the recording process. 54 lecture hours.

REC 205
Advanced Audio Technology
4 Units
Grade Only

Prerequisite(s): REC 105, REC 115, REC 125, REC 135 and REC 145.

Co-Requisite(s): REC 215, REC 225, REC 235 and REC 245.

This course is an advanced study of new technologies and techniques in multi-track recording, editing and mixing, as well as surround recording and mixing for post-production. 54 lecture hours, 72 lab hours.

REC 215
Recording Studio Workshop II
4 Units
Grade Only

Prerequisite(s): REC 105, REC 115, REC 125, REC 135 and REC 145.

Co-Requisite(s): REC 205, REC 225, REC 235 and REC 245.

This course is a project-based course intended to solidify the core principles of audio. Projects will include recording, mixing and mastering, post-production and surround mixing techniques. 54 lecture hours, 72 lab hours.

REC 225
Digital Audio Technology II
4 Units
Grade Only

Prerequisite(s): REC 105, REC 115, REC 125, REC 135 and REC 145.

Co-Requisite(s): REC 205, REC 215, REC 235 and REC 245.

This course focuses on the detailed workings of digital audio as a whole, and specifically on the ProTools platform. This is a detailed class in all aspects of digital audio inclusive of tracking, mixing, repair techniques, and plug-ins. 54 lecture hours, 72 lab hours.

REC 235
Acoustics for Engineers
3 Units
Grade Only

Prerequisite(s): REC 105, REC 115, REC 125, REC 135 and REC 145.

Co-Requisite(s): REC 205, REC 215, REC 225 and REC 245.

This course is a study of Acoustics principles and the physics of sound. It includes sound propagation, hearing and sound perception, room resonances, acoustic calculations, studio design and acoustical treatments. 54 lecture hours.

REC 245
Music Business/Audio Careers
3 Units
Grade Only

Prerequisite(s): REC 105, REC 115, REC 125, REC 135 and REC 145.

Co-Requisite(s): REC 205, REC 215, REC 225 and REC 235.

This is a survey focusing on the practices and procedures of record companies, publishing companies, performing rights societies and unions. The course will also study the processes of record and film production as well as career opportunities in these fields. Also includes an introduction to further courses of study in a targeted audio field. 54 lecture hours.

REC 255
Live Sound Workshop
4 Units
Grade Only

Prerequisite: REC 135.

Strongly recommended: ENGL 099 if required by English placement or if required by English level.

This course focuses on further concepts in sound reinforcement; mixing skills, system troubleshooting, sound system design for different types of venues, audio editing for live applications and live recording. 54 lecture hours, 72 lab hours.

Sociology
 (Social Sciences Department)

Sociology is the systematic study of social interactions and societies. Sociologists examine group structure, social relationships, and how social processes shape human behavior. Courses in sociology satisfy general education requirements for the associate degree, a degree in liberal arts with an emphasis in social and behavioral sciences, and lower division transfer. The Honors Program includes two sociology courses: SOC 201H Introduction to Sociology – Honors and SOC 218H Presentation Seminar – Honors. Program offers a transfer degree.

SOC 118
Minorities in America
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course gives an overview of the psychological, social, economic, and political aspects of minority groups in contemporary American culture. It will emphasize the relationships between these groups and the dominant culture. 54 lecture hours. CSU;UC

SOC 201
Introduction to Sociology
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Emphasis is placed on the study of the basic structure of human society, the main forces that hold groups together or weaken them, as well as conditions that transform social life, and basic social concepts. 54 lecture hours. CSU;UC

SOC 201H
Introduction to Sociology - Honors
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Must be a member in good standing of the Citrus College Honors Program or recommendation from an honors instructor.

Emphasis is placed on the study of the basic structure of human society, the main forces that hold groups together

or weaken them, as well as conditions that transform social life, and basic social concepts. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of sociological readings, presentation, and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU;UC

SOC 202
Contemporary Social Problems
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Emphasis is placed on American society and social problems. Special attention is given to the causes and effects of social problems. Course content includes research, field observation studies, seminar discussion with special resource professionals. College level reading is strongly recommended for success in the course. 54 lecture hours. CSU;UC

SOC 216
Sex and Gender in a Cross Cultural Perspective
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, ANTH 210 or SOC 201.

A cross-cultural look at different groups' ideas of sex and gender. The course will focus on attitudes, beliefs, and socialization techniques. Theories behind the formation of gender will be explored. Both Anthropological and Sociological terms and concepts will be utilized for a cross disciplinary approach. 54 lecture hours. CSU;UC

SOC 218H
Honors Presentation Seminar
1 Unit
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Must be a member in good standing of the Citrus College Honors Program or recommendation from an honors instructor.

A course designed to help honors students further their research skills, professional presentation skills, and to promote transfer. Research topics from previous

honors classes will be enhanced with further research and presented in a professional manner in class. Materials will also be submitted to local honors conferences for presentation to peers. Honors students should be in good standing and must be recommended by an honors professor. 18 lecture hours. CSU

SOC 220
Introduction to Gender
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This course is an introduction to the sociological analysis of gender in contemporary American society. It focuses on macro level analyses of how institutions shape gender and micro level analyses of how individuals are socialized and how they "do" and practice gender. 54 lecture hours. CSU;UC

Spanish

(Foreign Language Department)

The Foreign Languages Department offers proficiency-based instruction in listening, speaking, reading, and writing in these languages: Spanish, German, Chinese, and Japanese. The study of each language includes vocabulary, grammar, syntax, pronunciation, and cultural and historical understanding. Intermediate level courses include a literature component. Courses combine classroom lectures, guided practice, and language activities with individual work conducted online.

Spanish Courses

SPAN 101
Spanish I
5 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in elementary Spanish grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing (including spelling) simple Spanish and serves as an introduction to the geography, history, and culture of the Spanish-speaking world. 90 lecture hours. CSU;UC

SPAN 102
Spanish II
5 Units

Grade or Pass/No Pass

Prerequisite(s): SPAN 101 or two years of high school Spanish. Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A further study of elementary Spanish grammar and vocabulary that develops understanding, speaking, reading and writing (including spelling) skills. Affords opportunities to apply communication skills to new social, professional, and travel contexts. Explores the cultural heritage and civilization of Spain and Latin America through technology and level-appropriate readings. The class will be taught primarily in Spanish. 90 lecture hours. CSU;UC

SPAN 127
Spanish Civilization
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Spanish Civilization provides an interdisciplinary global understanding of the culture and history of Spain. The course critically analyzes contemporary Spanish society by examining the social and historical traditions and institutions that shape the Spanish way of life in the 20th century. 54 lecture hours. CSU;UC

SPAN 130
Latin American Culture and Civilization
3 Units

Grade or Pass/No Pass

Latin American Culture and Civilization is a survey course providing an interdisciplinary approach to understanding the culture and history of Latin America. The course critically analyzes historical and contemporary social traditions and institutions in order to reach an understanding of modern day Latin America. 54 lecture hours. CSU;UC

SPAN 140
Beginning Conversational Spanish
3 Units

Grade or Pass/No Pass

Prerequisite(s): SPAN 101 or one year of high school Spanish.

This course is designed for students who wish to improve their oral speaking skills and expand their vocabulary in Spanish. 54 lecture hours. CSU

SPAN 141
Intermediate Conversational Spanish
3 Units

Grade or Pass/No Pass

Prerequisite(s): SPAN 102 or two years of high school Spanish.

This course is designed for students who wish to further improve their oral proficiency in Spanish. 54 lecture hours. CSU

SPAN 201
Spanish III
5 Units

Grade or Pass/No Pass

Strongly recommended: Completion of SPAN 102. Also, ENGL 099 if required by English placement exam or if required by English level.

This intermediate level course was created with both native Spanish speakers and students studying Spanish as a second language in mind. Current social themes and vocabulary support a comprehensive review of Spanish grammar. The discussion of contemporary cultural topics, the reading of authentic texts, and the development of writing skills are all features of this class that help all intermediate Spanish students to refine and enjoy using their language skills. Class is conducted primarily in Spanish. Note that Spanish 3 and 4 do not need to be taken in order. 90 lecture hours. CSU;UC

SPAN 202
Spanish IV
5 Units

Grade or Pass/No Pass

Strongly recommended: Completion of SPAN 102. Also, ENGL 099 if required by English placement exam or if required by English level.

This intermediate level course, which may be taken before or after Spanish 3, was designed for both native Spanish speakers and students studying Spanish as a second language. Contemporary cultural topics and vocabulary will provide a context for the study of higher level Spanish grammar. Meaningful readings and the refinement of writing skills will help students to further develop their cultural and linguistic competence. This interactive course is conducted primarily in Spanish. 90 lecture hours. CSU;UC

SPAN 210
Intermediate Spanish for Speakers of Spanish
5 Units

Grade or Pass/No Pass

Prerequisite(s): Oral fluency in Spanish.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course designed to help students who are fluent in spoken, informal Spanish, but who need to improve writing, reading and grammar skills. Emphasis on acquiring formal oral Spanish skills and a knowledge of Spanish and Latin American literature and culture. Equivalent to SPAN 201. 90 lecture hours. CSU;UC

SPAN 211
Reading and Composition for Speakers of Spanish II
5 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, SPAN 210 and fluency in oral Spanish.

A course for students who are fluent speakers of Spanish but who need to practice and refine their writing skills and formal oral skills. Reading in the literature of Spanish-speaking cultures. Review of grammar. 90 lecture hours. CSU;UC

Speech Courses

(See Also Communications)

SPCH 100
Interpersonal Communication
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Introduction to interpersonal communication: verbal and non-verbal face-to-face interactions; understanding messages sent and received; awareness and resolutions of communication barriers. 54 lecture hours. CSU

SPCH 101
Public Address
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introductory course in speaking skills,

including the selection, preparation, and delivery of speeches for various audiences and situations. The goal will be the achievement of ethical, purposeful, and effective public speaking. 54 lecture hours. CSU;UC

SPCH 101H
Public Address - Honors
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

This is an honors introductory course in public speaking skills, including research, reasoning, organization, composition, presentation, and evaluation of informative and persuasive speeches for various audiences and situations. The goal will be the achievement of ethical, purposeful, and effective public speaking. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU;UC

SPCH 103
Argumentation and Debate
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Basic theories, principles, and methods for various levels and forms of argumentation and debate. Preparation and presentation of practice debates on current issues. 54 lecture hours. CSU;UC

SPCH 106
Small Group Communication
3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Principles, techniques, and uses of discussion in contemporary society. Training and practice in informal group discussion, panel discussion, symposium and forum. Emphasis on collaborative decision-making. 54 lecture hours. CSU;UC

Theatre Arts

(Performing Arts Department)

The discipline of theatre arts includes theoretical and practical courses in all aspects of theatre, providing preparation in acting, directing, and technical theatre through productions. Students take courses to prepare for transfer and/or for professional training. Performance and technical theatre opportunities are available to both majors and non-majors. Courses satisfy general education requirements for the associate degree, pending Chancellor's Office approval, in theatre arts, theatre arts with an acting emphasis, and theatre arts with a technical and design emphasis, and an associate degree in liberal arts with an emphasis in arts and humanities, and lower division transfer.

Important Information About Theatre Arts Courses

Most theatre arts courses are now grouped together as course "families." Students are allowed to take only four courses from each "family." All grades received, including F, WD, and NC grades count towards the four courses.

The Theatre Arts course families are listed as follows. New courses are in blue.

TECHNIQUE

- THEA 201 – Stage Acting I – Beginning
- THEA 202 – Stage Acting II – Intermediate
- THEA 205 – Stage Acting III – Intermediate/Advanced
- THEA 206 – Stage Acting IV – Advanced

ACTING – STYLES

- THEA 284 – Acting Shakespeare
- THEA 292A – Special Techniques in Acting – Beginning
- THEA 292B – Special Techniques in Acting – Intermediate

FILM AND TELEVISION

- THEA 211A – Camera Acting I – Beginning
- THEA 211B – Camera Acting II – Intermediate
- THEA 211C – Camera Acting III – Intermediate/Advanced
- THEA 211D – Camera Acting IV – Advanced

DIRECTING

- THEA 241A – Fundamentals of Stage Directing – Beginning
- THEA 241B – Fundamentals of Stage Directing – Intermediate

WRITING FOR STAGE AND SCREEN

- THEA 204A – Stage and Screenwriting - Beginning
- THEA 204B – Stage and Screenwriting - Intermediate
- THEA 204C – Stage and Screenwriting - Intermediate/Advanced
- THEA 204D – Stage and Screenwriting - Advanced

THEATRE PRODUCTION

- THEA 210 – Rehearsal and Performance in Production (May be repeated)

EXPERIMENTAL THEATRE

- THEA 220 – Rehearsal and Performance II
- THEA 221 – Theatre Practicum/Special Projects I – Storytelling
- THEA 222 – Theatre Practicum/Special Projects II – Physical Life
- THEA 294 – Shakespeare in Production

TOURING AND REPERTORY

- THEA 250 – Theatre Appreciation
- THEA 290 – Citrus Theatre Academy
- THEA 291 – Citrus Theatre Academy II
- THEA 293A – Theatre for Young Audiences- Beginning
- THEA 293B – Theatre for Young Audiences - Intermediate

Theatre Arts Classes

THEA 101

Introduction to Theatre Arts

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Background and foundation for appreciation and evaluation of theatre arts. Course will include a study of dramatic structure, history of the theatre, plays and playwrights, and a study of contemporary theatre production. 54 lecture hours. CSU;UC

THEA 104A

Voice and Movement for the Actor

I - Beginning

3 Units

Grade or Pass/No Pass

Strongly Recommended:

THEA 201 or concurrent enrollment ENGL 099 if required by English placement exam or if required by English level.

A beginning course in vocal anatomy, physiology, and phonetics as well as the exploration of how the voice and body work. Designed to develop the actor's awareness, relaxation, flexibility, and responsiveness in order to communicate openly and expressively. 54 lecture hours. CSU;UC

THEA 104B

Voice and Movement for the Actor

II - Intermediate

3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 104A.

An intermediate course in vocal anatomy, physiology and phonetics with a deeper exploration of how the voice and body work. A more detailed look at how the voice, body and text combine to create complex characters for performance. 54 lecture hours. CSU;UC

THEA 105

Improvisation for the Theatre

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A fundamental course introducing the techniques of improvisation to enhance character development. Focus is on group expression, problem-solving, focus, imagination, concentration and spontaneity with and without dramatic text. 54 lecture hours. CSU;UC

THEA 120

Introduction to Tech for Theatre, TV and Film

3 Units

Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to the technical areas of lighting, scenery, sound and costumes for theatre, film and television. Field trips include area theatres and studios. 54 lecture hours. CSU;UC

THEA 122

Stagecraft

3 Units

Grade Only

Prerequisite(s): THEA 120 or concurrent enrollment.

Planning and constructing stage and television scenery. Use of tools and stage equipment. Work in the scenic lab for department productions is required. 54 lecture hours, 18 lab hours. CSU

THEA 125
Technical Theatre Production
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A course in which students will gain practical experience while participating in a variety of productions in any of the following: construction crew, scenery crew, properties crew, costume crew, lighting crew, sound crew, or running crew. 36 lecture hours, 54 lab hours. CSU;UC

THEA 130
Introduction to Theatrical Scenery
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level. Also, THEA 120.

A study of the equipment, processes and techniques used in planning and executing scenery for the stage. 36 lecture hours, 54 lab hours. CSU;UC

THEA 140
Introduction to Lighting for Theatre, Television and Film
3 Units
Grade Only

Prerequisite(s): THEA 120 or concurrent enrollment.
Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A visual survey through field trips, lecture, video and computer of lighting design for theatre, television, film and concerts. 54 lecture hours, 18 lab hours. CSU;UC

THEA 145
Anatomy of Intelligent Lighting Instruments
3 Units
Grade Only

Prerequisite(s): THEA 120 and THEA 140.

The study, dissection and manipulation of intelligent lighting instruments and their use in various aspects of the entertainment field 54 lecture hours, 18 lab hours.

THEA 150
Introduction to Intelligent Lighting Consoles
3 Units
Grade Only

Prerequisite(s): THEA 120, THEA 125, and THEA 140.

The study, manipulation and application of intelligent lighting consoles and their use in various aspects of the entertainment field. 54 lecture hours, 18 lab hours. UC

THEA 160
Computer Aided Design for Theatre
4 Units
Grade Only

Prerequisite(s): THEA 145, THEA 150 and THEA 255.

Strongly recommended: ENGL 099 if required by English placement or if required by English level.

Entertainment design and technical production with an emphasis on the computer as a design and drafting tool. Applications include Vectorworks and Sketch-up. 54 lecture hours, 54 lab hours. CSU

THEA 200
The Art of the Theatre
3 Units
Grade Only

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Introduction to theatre as an art form involving the inter-related processes of all elements of theatre with the primary focus being on script analysis. Includes the study of plays throughout history with emphasis on dramatic analysis and cultural significance. 54 lecture hours. CSU;UC

THEA 201
Stage Acting I - Beginning
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A beginning level performance class with an introduction to the Stanislavski Method of Acting. Provides a beginning in memorization, stage movement, vocal production and interpretation of text. 54 lecture hours, 36 lab hours. CSU;UC

THEA 202
Stage Acting II - Intermediate
3 Units
Grade or Pass/No Pass

Prerequisite(s): THEA 201 or Audition.

An extension of the concepts as introduced in THEA 201. A more in-depth approach to contemporary theatre using the Stanislavski method as well as other methods of acting in character and scene study and analysis. Students may perform in an Acting Showcase at semester's end. 54 lecture hours, 36 lab hours. CSU;UC

THEA 204A
Stage and Screenwriting - Beginning
3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 101. Beginning playwrights and screenwriters discover the basic craft of creating scripts for stage, screen, and television. Focus is on short films and on writing Act I of a full-length play or screenplay. 54 lecture hours, 18 lab hours. CSU

THEA 204B
Stage and Screenwriting - Intermediate
3 Units
Grade or Pass/No Pass

Prerequisite(s): THEA 204A. A more detailed study of the fundamental techniques required in creating scripts for stage, screen and television. Focus is on short films and on writing Act II of a full-length play or screenplay. 54 lecture hours, 18 lab hours. CSU;UC

THEA 204C
Stage and Screenwriting - Intermediate/Advanced
3 Units
Grade or Pass/No Pass

Prerequisite(s): THEA 204B. A further exploration of the skills developed in Stage and Screenwriting 204 A and B. Focus is on writing Act III of a full-length play or screenplay and creating a dramatic story with a fully realized beginning, middle and end. 54 lecture hours, 18 lab hours. CSU;UC

THEA 204D
Stage and Screenwriting - Advanced
3 Units
Grade or Pass/No Pass

Prerequisite(s): THEA 204C. A deeper exploration of the skills developed in Stage and Screenwriting 204 A, B & C. Focus is on original script rewrites and an introduction to writing for Television. 54 lecture hours, 18 lab hours. CSU;UC

THEA 205
Stage Acting III - Intermediate/Advanced
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 202.

An extension of the concepts as introduced in Thea 201 and 202. Creating roles through intensive scene and monologue study. Approaches to individual actor problems. Students may perform in an Acting Showcase at semester's end. 54 lecture hours, 36 lab hours. CSU;UC

THEA 206
Stage Acting IV - Advanced
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 205.

An extension of the concepts as introduced in Thea 201, 202 and 205. A more detailed breakdown of the basic concepts in the Stanislavski System. A focus on creating more nuanced characterizations. Students will perform in an Acting Showcase at semester's end. 54 lecture hours, 36 lab hours. CSU;UC

THEA 210
Rehearsal and Performance in Production
3 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Participation in the production of a full length play for public performance. Productions will be entered into the American College Theatre Festival for adjudication and competition. 18 lecture hours, 108 lab hours. CSU;UC

THEA 211A
Camera Acting I - Beginning
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The practice and study of the fundamental techniques required in acting before the camera in film and television in contrast to the variance from stage work. Students will address areas of non-verbal imagination work and movement for the camera; the structure of film and television settings; marketing strategies; "green screen" performance and improvisation techniques. 54 lecture hours, 36 lab hours. CSU;UC

THEA 211B
Camera Acting II - Intermediate
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 211A.

A more detailed study of the fundamental techniques required in acting before the camera in film and television in contrast to the variance from stage work. Students will address areas of scripted monologues, blocking, memorization, basic audition techniques, Voice Overs, ADR techniques and the concept of Continuity. 54 lecture hours, 36 lab hours. CSU;UC

THEA 211C
Camera Acting III - Intermediate/Advanced
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 211B.

A build upon the skills developed in content introduced in Camera Acting I and II. A more intense and comprehensive introduction to specific performance, terminology, working in studio and on location front-of-camera experience. Skills addressed are given circumstances, casting/director workshops, and the division of labor on television and film sets. 54 lecture hours, 36 lab hours. CSU;UC

THEA 211D
Camera Acting IV - Advanced
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 211C.

A build upon the skills developed in content introduced in Camera Acting I, II and III. An introduction to multi-camera situations - soap opera, sitcom and film. Group projects coordinating all the elements in a film and/or television setting. 54 lecture hours, 36 lab hours. CSU;UC

THEA 220
Rehearsal and Performance II
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 210.

Continued and more in-depth participation in the production of full-length play for public performance. 18 lecture hours, 108 lab hours. CSU;UC

THEA 221
Theatre Practicum/Special Projects I - Physical Life
3 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Strongly Recommended: ENGL 099 if

required by English placement exam or if required by English level.

Developing the actor's free and responsive body through character study. A personal in-depth approach to creating character from the external to the internal through improvisation and physical exercises. 18 lecture hours, 108 lab hours. CSU;UC

THEA 222
Theatre Practicum/Special Projects II - Storytelling
3 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Methods and techniques of storytelling using a variety of scripted material to enhance and enrich characterization 18 lecture hours, 108 lab hours. CSU;UC

THEA 240
Introduction to Live Video Event Production
3 Units

Grade Only

Prerequisite(s): THEA 120, THEA 125, THEA 140, and REC 135.

An introduction into multi-imaging; digital camera systems; high power video projection from LED scenic video and large screen displays to content delivery systems. 54 lecture hours, 18 lab hours.

THEA 241A
Fundamentals of Stage Direction – Beginning
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A beginning approach to the director's involvement in play analysis, casting, and rehearsal techniques leading to a performance. Students will receive practical experience in directing short scenes. 54 lecture hours, 36 lab hours. CSU;UC

THEA 241B
Fundamentals of Stage Direction - Intermediate
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 241A.

An intermediate approach to the director's involvement in play analysis, casting, and rehearsal techniques leading to a performance. Students will explore

character nuance, behavior shifts, rhythm, tempo and build upon staging techniques. 54 lecture hours, 36 lab hours. CSU;UC

THEA 245 **Stage and Project Management for Theatre, TV and Film**

3 Units
Grade Only

Prerequisite(s): THEA 120, THEA 122, THEA 125, and THEA 140.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A survey of stage management and project management exploring the relationship between the artistry and the execution of show production in the entertainment industry. 36 lecture hours, 54 lab hours. CSU

THEA 250 **Theatre Appreciation**

3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An introduction to methods of evaluating theatre in performance. Students will view and critique at least five off-campus plays per semester. Transportation may be provided. 36 lecture hours, 54 lab hours. CSU;UC

THEA 255 **Entertainment Production for Theme Parks and Themed Environments**

2 Units
Grade Only

Prerequisite(s): THEA 120, THEA 122, THEA 125, and THEA 140.

An in-depth look at how to produce and execute themed entertainment for corporate events/shows and other non-traditional theatrical venues. 36 lecture hours, 9 lab hours.

THEA 260 **Introduction to Show Production Systems**

3 Units
Grade Only

Prerequisite(s): THEA 145, THEA 150, and THEA 160.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

The study of show production systems. The function and inter-relation of com-

plete entertainment staging systems in a single environment including: physical staging systems, projection systems, truss systems, lighting rig, sound rig, computer and show control methods and rigging, power and distribution, crew and performer safety and access, trouble shooting and maintenance. Includes a study of the technical and design challenges posed by a variety of venues including, theatre, theme parks, exhibit and trade shows, conventions, and cruise lines. College level reading strongly recommended. 54 lecture hours, 18 lab hours. CSU

THEA 262 **Rigging and Automation for Theatre and Live Events**

2 Units
Grade Only

Prerequisite(s): THEA 150, THEA 160, and REC 255.

The theory and practice of scenery automation and stage rigging with emphasis on theatre venues and the design of systems for special production events. 36 lecture hours, 9 lab hours.

THEA 270 **Introduction to Production Management**

3 Units
Grade Only

Co-Requisite(s): THEA 101, THEA 120, and THEA 125.

A survey of Production Management, exploring the relationship between the artistry and the execution of show production in the entertainment industry. 54 lecture hours, 18 lab hours arranged.

THEA 284 **Acting Shakespeare**

3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

An exploration of Shakespeare's plays and poetry through scene study, monologues, rehearsal, and performance. This course aims to introduce a process and technique for analyzing play scripts and poetry for performance. 54 lecture hours, 18 lab hours. CSU;UC

THEA 290 **Citrus Theatre Academy**

3 Units
Grade or Pass/No Pass

Prerequisite(s): Audition.

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Preparation, rehearsal and public performance of college sponsored productions in an organized summer theatre company. This course provides continuing development of acting, technical theatre and design skills for Citrus students. When appropriate, students have opportunities to work with outside professionals and learn the skills of an understudy. Participants selected by application and audition. 18 lecture hours, 108 lab hours. CSU;UC

THEA 291 **Citrus Theatre Academy II**

3 Units
Grade or Pass/No Pass

Prerequisite(s): THEA 290 or Audition.

An extension of the concepts as introduced in THEA 290. Within an organized summer theatre company, a deeper investigation of character development will include material from a variety of genres. A more in-depth personal contact with outside professionals when appropriate and the possibility of performing if cast as an understudy will occur. Participants selected by audition into the course. 18 lecture hours, 108 lab hours. CSU;UC

THEA 292A **Special Techniques in Acting - Beginning**

3 Units
Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Students will begin to critically examine how the Stanislavski Method applies to various genres of theatrical literature. A fundamental examination of how social and cultural influences affect the playwright's choices will be analyzed through scenes and monologues. 54 lecture hours, 36 lab hours. CSU;UC

THEA 292B **Special Techniques in Acting - Intermediate**

3 Units
Grade or Pass/No Pass

Prerequisite(s): THEA 292A.

A more detailed approach in applying the Stanislavski Method to various genres of theatrical literature. A closer examination of how social influences affect the playwright's creative choices through

scenes and monologues and short plays. 54 lecture hours, 36 lab hours. CSU;UC

THEA 293A
Theatre for Young Audiences-
Beginning
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A fundamental introduction to theatre for child audiences. Students are required to participate in a theatrical production for young audiences. Content includes an introduction to techniques towards leading creative dramatic workshops. Along with "on-campus" performances, the production may include a tour to local elementary schools. In-class and out-of-class rehearsals may be necessary to complete production. 54 lecture hours, 36 lab hours. CSU

THEA 293B
Theatre for Young Audiences -
Intermediate
3 Units

Grade or Pass/No Pass

Prerequisite(s): THEA 293A.

An intermediate approach to theatre for child audiences. Students are required to participate in a theatrical production for young audiences. Content includes hands-on methods in leading creative dramatic workshops. Along with "on-campus" performances, the production may include a tour to local elementary schools. In-class and out-of-class rehearsals may be necessary to complete production. 54 lecture hours, 36 lab hours. CSU;UC

THEA 294
Shakespeare in Production
3 Units
Grade or Pass/No Pass

Strongly Recommended: THEA 284 and ENGL 099.

Translating the Shakespearean text into an hour long performance adaptation. Students are required to participate in a theatrical production of a Shakespearean play for middle and high school students as well as public performance. In-class and out-of-class rehearsals may be necessary in order to complete production. 54 lecture hours, 36 lab hours. CSU

Water Technology
 (Public Services Department)

Water Technology, a career technical program, prepares students for entry-level employment or advancement in the public water sector, including the distribution and treatment of water. The courses prepare students to take Department of Public Health certification examinations to qualify as a Water Treatment Operator or a Water Distribution Operator. The program also sponsors an annual one-day seminar with multiple fee based workshops to provide workers throughout southern California with required updated professional development in water technology and to maintain their certifications. Courses in this discipline lead to either an associate degree in Water Technology or a certificate of achievement in Water Technology.

Water Technology Courses

WATR 150
Introduction to Water Systems
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

A basic course in water distribution and treatment covering water quality control practices, water sources, public health aspects of water regulations, supply, water treatment arithmetic, chemical treatment, filtration, corrosion, disinfection, tastes and odors in water, water system operation and maintenance, valves, pipes, pumps, and meters. The material covered in this course will be helpful to those preparing for the D-1 and D-2 Water Distribution Operator's Certificate examinations and the T-1 Water Treatment Operator's Certificate examination given by the State of California. 54 lecture hours.

WATR 151
Water Resources and Distribution I
3 Units

Grade or Pass/No Pass

Strongly Recommended: WATR 150 and MATH 030.

A course designed for water distribution systems operators. This course continues WATR 150. Topics include: water production, types of reservoirs, water lines, pumps, water chemistry, water treatment, arithmetic, chemical treatment, appurtenances, method of installation,

repair of facilities, back up theory, and administrative functions behind the distribution system. This course prepares the student for the D2 and D3 Water Distribution Operator's examinations. 54 lecture hours.

WATR 153
Water Resources and Distribution II
3 Units

Grade or Pass/No Pass

Strongly Recommended: WATR 150, WATR 151, and MATH 030.

A course in practical water supply hydraulics with emphasis on the basic principles of hydraulics. The purpose of the course is to clarify pressure, head, buoyancy, friction loss, forces, velocity of flow and size capacity relationship of distribution systems. The course includes the study of pump characteristics, sizing of pumps, water chemistry, water treatment, arithmetic, chemical treatment, and efficiency test procedures. Typical calculations include line loss in series and parallel pipe systems, residual pressure, forces on thrust blocks, and horsepower requirements for pumps. This course prepares the student for the D3, D4, and D5 Water Distribution Operator's examinations. 54 lecture hours.

WATR 155
Water Distribution Operator Exam
Preparation
1 Unit

Grade or Pass/No Pass

Strongly Recommended: WATR 150 or possession of a D-1 Distribution Operator Certification.

A course in drinking water distribution designed as a review for water distribution operators preparing to take the California Department of Public Health D2 or D3 examinations. 18 lecture hours.

WATR 156
Water Treatment I
3 Units

Grade or Pass/No Pass

Strongly Recommended: WATR 150 and MATH 030.

Course covering water resources, water quality, unit operations of water treatment, public health requirements, and the basics of water chemistry and aquatic microbiology. Prepares students for the T1, T2, and T3 Water Treatment Operator's Certificate examinations given by the State of California. 54 lecture hours.

WATR 157
Water Treatment II
3 Units

Grade or Pass/No Pass

Strongly Recommended: WATR 156.

A course covering water resources, water quality, unit operations of advanced water treatment systems, public health, water chemistry and microbiology, and fluoridation. Prepares students for T3, T4, and T5 Water Treatment Operator's Certificate examinations required by the California Department of Public Health. 54 lecture hours.

WATR 162
Water Conservation
3 Units

Grade or Pass/No Pass

This class provides an overview and technical information on the role of the water conservation coordinator in the public water supply industry. Topics include: water supply and cycle, structure and operations of utilities, regulatory agencies, best management practices, water conservation programs and technologies. This class will help the student prepare for the AWWA grade one Water Conservation Practitioner Certification. 54 lecture hours.

WATR 165
Water Systems Operations and Technology Update
1 Unit

Grade or Pass/No Pass

Strongly Recommended: WATR 151 or WATR 156.

A course in drinking water distribution and treatment designed to update current system operators on the latest improvements in technology and upcoming regulations in the water supply field. Students will be introduced to new technologies and methods used in water systems today and will be given valuable information on the latest adopted and pending regulations from CDHS, OEHHA, CDRW, SWRCB, LARWQCB, AQMD, and CalOSHA. The course will be helpful to those in need of contact hours to fulfill California Department of Health Services requirement for renewal of Distribution and/or Treatment Operator Certificate. 18 lecture hours.

Cooperative Education Courses

Cooperative Work Experience (Co-op Ed) links student learning in a Citrus College class to a job that relates to that class. The student, Citrus College instructor, and the worksite supervisor all work together to create learning objectives that the student must accomplish during the semester at their place of employment or training site. The job must pay at least minimum wage though students who volunteer at a nonprofit agency may also receive Co-op Ed credit. The student may enroll in one to four Co-op Ed units, which are determined by the number of hours they will work towards their learning objectives during the semester. Students enrolled in Co-op Ed courses may take classes for a letter grade or as Pass/No Pass. Approval is required prior to enrollment. For more information, contact the academic department.

Citrus College offers Co-op Ed courses in the following departments and disciplines.

The series 698 A, B, C, D courses are the Non-Profit Volunteer work ranging in units from 1 to 4.

The series 699 A, B, C, D courses are the Paid Work courses ranging in units from 1 to 4.

Administration of Justice
Contact department
(626) 914-8860

AJ 698 C
 AJ 699 C

Art, Photography, Theatre Arts
Contact department
(626) 914-8580

ART 698 A, B, C, D
 ART 699 A, B, C, D
 PHTO 698 A, B, C, D
 PHTO 699 A, B, C, D
 THEA 698 C
 THEA 699 A

Automotive Technology, Drafting, Electronics, Heating and Air Conditioning, Information Technology, Motorcycle Technology, Office Technology and Computer Applications.
Contact department
(626) 852-6402

AUTO 698 A, B, C, D
 AUTO 699 A, B, C, D
 DRAF 698 C
 DRAF 699 A, C
 ELEC 698 A, B, C, D
 ELEC 699 A, B, C, D
 IT 698 B, D
 IT 699 B, D
 MTRK 698 A, B, C, D
 MTRK 699 A, B, C, D
 OFF 698 A, B, C, D

Biology, Chemistry, Earth Science

Contact department
(626) 914-8789

BIOL 698 A, B, C, D
 BIOL 699 A, B, C, D
 CHEM 698 A, B, C, D
 CHEM 699 A, B, C, D
 ESCI 698 A, B, C, D
 ESCI 699 A, B, C, D
 FOR 698 A, B, C, D
 FOR 699 A, B, C, D

Dental Assisting
Contact department

(626) 914-8791
 DENT 698 A, B, C, D
 DENT 699 A, B, C, D

Health Occupations
 Contact department
 (626) 914-8791
 HEAL 698 A, B, C, D
 HEAL 699 A, B, C, D

Noncredit Courses

Non-credit education is designed to supplement your continued growth and to enhance your employment opportunities, through classes ranging from basic skills and health care to vocational preparation and job re-training. Enrollment in non-credit classes is free and continues through-out the school year. All non-credit classes are subject to budget and attendance.

NC 1
Supervised Tutoring

This course provides learning assistance through supervised one-to-one or group tutoring. Students receive assistance outside of class time to improve learning and study skills. Content is specific to English, reading and mathematics. 144 lab hours.

NC 100**Partner Coached Lamaze**

This course includes material on the importance of excellent prenatal care and its relationship to a safe and satisfying birth, as well as the exercises and techniques to increase the comfort of natural childbirth delivery through relaxation and natural breathing. Partners are encouraged to attend and are an essential part of the class. 20 lecture hours.

NC 101**Strategies for the Young/New Parent**

The course examines the theoretical and practical approaches to parenting and explores expectations, influences, and strategies of parenting with a focus on behaviors and attitudes. It explores the developmental states from childbirth to adolescence and constructive parenting techniques for working parents, single parents, and step parents. 30 lecture hours.

NC 200**Preparation for Academic Success**

This course is designed to teach effective college study skills. Topics include time management, textbook study, lecture notetaking, test taking strategies, exam preparation, computer-assisted instruction, and career exploration. 30 lecture hours.

NC 208A**Algebra IA****Placement by high school counselor or math placement exam.**

This is an integrated course that combines the content of algebra with logical reasoning, statistics, probability, problem solving, real life situations, spatial visualization, and introductory topics in geometry. The course format will include activity-based investigations with hands on activities and concepts and applications compliant with the adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 208B**Algebra IB****Placement by high school counselor.**

This is a continuation of Algebra IA. This is an integrated course that combines the content of algebra with logical reasoning, statistics, probability, problem solving, real life situations, spatial visualization, and introductory topics in geometry. The

course format will include activity-based investigations with hands-on activities, concepts and applications compliant with the adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 209A**Algebra IIA****Placement by high school counselor.**

This course introduces linear functions in two variables, solutions of systems of equations by various methods, operations with polynomials and factoring, quadratic functions, rational functions, radicals and elementary probability. This course combines algebraic concepts and geometry in several activities, projects and problems. Through each activity and project the student learns how to write algebraic expressions, understand the relationship among equations and graphs, explore functions, think critically and develop a clear understanding of sequences, series, probability, and exponential functions. Each activity and project is designed for real-life application, visual and hands-on approach to solving problems and use of technology. The course format will include activity-based investigations with hands on activities and concepts and applications compliant with the adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 209B**Algebra IIB****Placement by high school counselor.**

This is a continuation of Algebra IIA. This course introduces linear functions in two variables, solutions of systems of equations by various methods, operations with polynomials and factoring, quadratic functions, rational functions, radicals and elementary probability. This course combines algebraic concepts and geometry in several activities, projects and problems. Through each activity and project the student learns how to write algebraic expressions, understand the relationship among equations and graphs, explore functions, think critically and develop a clear understanding of sequences, series, probability, and exponential functions. Each activity and project is designed for real-life application, visual and hands-on approach to solving problems and use of technology. The course format will include activity-based investigations with

hands-on activities and concepts and applications compliant with the adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 210A**Freshman English A****Placement by high school counselor or English placement exam.**

The following disciplines of English are an integral part of this courses: reading, writing, vocabulary and speech. Students will read literature from the genres of poetry, short stories, novels, and plays. The student will be introduced to the process of writing. Spelling and content words will be chosen from the literature. Oral reports, oral readings, and memorized orals are incorporated into this course. The course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 210B**Freshman English B****Placement by high school counselor or English placement exam.**

The following disciplines of English are an integral part of this course: reading, writing, vocabulary and speech. Students will read literature from the genres of poetry, short stories, novels, and plays. The student will be introduced to the process of writing. Spelling and content words will be chosen from the literature. Oral reports, oral readings, and memorized orals are incorporated into this course. The course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 211A**Sophomore English A****Placement by high school counselor or English placement exam.**

The main purpose of this course is on college preparatory writing, introduction to literary analysis, and research skills. The major genres of literature are studied, discussed, and analyzed. Students continue to learn the processes of drafting, rewriting, and editing. In

addition, students also learn to critique each other's work and to use these editing skills on their own papers. Research skills are learned so the students will know how to gather information needed for clarification of reading or the beginning of writing. The course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 211B **Sophomore English B**

Placement by high school counselor or English placement exam.

The main purpose of this course is on college preparatory writing, introduction to literary analysis, and research skills. The major genres of literature are studied, discussed, and analyzed. Students continue to learn the processes of drafting, rewriting, and editing. In addition, students also learn to critique each other's work and to use these editing skills on their own papers. Research skills are learned so the students will know how to gather information needed for clarification of reading or the beginning of writing. The course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 212A **Junior English A**

Placement by high school counselor or English placement exam.

This course is a survey of American literature covering philosophical, religious, political, and literary ideas in American writing from colonial times to the present. Emphasis will be placed on techniques of organizing and developing critical essays about fiction, poetry, and drama. Students will be required to study a major novel and participate in an independent reading program. The course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 212B **Junior English B**

Placement by high school counselor or English placement exam.

This course is a survey of American literature covering philosophical, religious, political, and literary ideas in American writing from colonial times to the present. Emphasis will be placed on techniques of organizing and developing critical essays about fiction, poetry, and drama. Students will be required to study a major novel and participate in an independent reading program. The course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 213A **Senior English A**

Placement by high school counselor or English placement exam.

Seniors will develop communication skills for college entrance. Writing, oral language, vocabulary building, and reading skills are the goals of the course. The student will be exposed to classic literary works, contemporary media such as newspapers, essays, and critical analyses of classic and contemporary non-fiction works. The student is challenged to develop skills of analysis, evaluation, and synthesis in both writing and oral language. The course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 213B **Senior English B**

Placement by high school counselor or English placement exam.

Seniors will develop communication skills for college entrance. Writing, oral language, vocabulary building, and reading skills are the goals of the course. The student will be exposed to classic literary works, contemporary media such as newspapers, essays, and critical analyses of classic and contemporary non-fiction works. The student is challenged to develop skills of analysis, evaluation, and synthesis in both writing and oral language. The course format will include activity-based investigations with hands-

on activities and concepts, and applications compliant with the adopted California State English Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 214A **United States History A**

Placement by high school counselor.

The content will focus on the development of the United States during the 20th century. This course will enable students to understand the chronological flow of events, the dynamics of change, and the critical links between the past and the present in the United States. This course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State History Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 214B **United States History B**

Placement by high school counselor.

The content will focus on the development of the United States during the 20th century. This course will enable students to understand the chronological flow of events, the dynamics of change, and the critical links between the past and the present in the United States. This course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State History Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 215A **World History A**

Placement by high school counselor.

This course is a study of the major ideas and turning points that shaped the modern world historically, geographically, politically, economically and culturally in the 18th, 19th and 20th centuries. It analyzes the major ideas, people and events that have led to the development of today's contemporary world. The use of discussion groups, audiovisual aids, maps, student-oriented activities are employed throughout the course. This course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State History Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 215B**World History B****Placement by high school counselor.**

This course is a study of the major ideas and turning points that shaped the modern world historically, geographically, politically, economically and culturally in the 18th, 19th and 20th centuries. It analyzes the major ideas, people and events that have led to the development of today's contemporary world. The use of discussion groups, audiovisual aids, maps, student-oriented activities are employed throughout the course. This course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State History Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 216**American Government****Placement by high school counselor.**

In this course, students will develop a deeper understanding of the institutions of American government. Students will compare the systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, with particular attention paid to important historical documents, such as the Federalist Papers. This course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State History and Social Sciences Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 217**Economics****Placement by high school counselor.**

In this course, students will master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Studied in a historic context are the basic economic principles of micro- and macroeconomics, international economics, comparative economic systems, measurement, and methods. This course format will include activity-

based investigations with hands-on activities and concepts, and applications compliant with the adopted California State History and Social Sciences Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 218A**Biology A****Placement by high school counselor.**

This course deals with the study of living things following the California state standards for Biology. It emphasizes modern technological and practical topics such as ecology, genetics and human structure and function. Hands on laboratory experiences are essential to each topic. The course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 218B**Biology B****Placement by high school counselor.**

This course deals with the study of living things following the California state standards for Biology. It emphasizes modern technological and practical topics such as ecology, genetics and human structure and function. Hands-on laboratory experiences are essential to each topic. The course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 219A**Physical Science A****Placement by high school counselor.**

This course will examine the eight study topics in physical sciences, such as motion, forces, and the structure of matter, by using a quantitative mathematically based approach. Earth, the solar system, chemical reactions, the periodic equation, density and buoyancy are additional topics that will be increased with mathematical rigor. The course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 219B**Physical Science B****Placement by high school counselor.**

This course will examine the eight study topics in physical sciences, such as motion, forces, and the structure of matter, by using a quantitative mathematically based approach. Earth, the solar system, chemical reactions, the periodic equation, density and buoyancy are additional topics that will be increased with mathematical rigor. The course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 220A**Earth Science A****Placement by high school counselor.**

This course includes the study of astronomy, physics, chemistry, geology and meteorology. Special emphasis is placed on student experimentation and observation. This course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State Science Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 220B**Earth Science B****Placement by high school counselor.**

This course includes the study of astronomy, physics, chemistry, geology and meteorology. Special emphasis is placed on student experimentation and observation. This course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State History Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 221A**Chemistry A****Placement by high school counselor.**

Principles of chemistry are developed through laboratory observations of physical properties and chemical reactions. The language, formulas, and equations of chemistry are used in interpreting atomic structure and chemical bonding; periodic behavior of elements; rates and energies of chemical and nuclear

change; equilibrium of gaseous systems, acids and bases, and oxidation-reduction, as well as organic functional groups. This course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State Science Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 221B Chemistry B

Placement by high school counselor. Principles of chemistry are developed through laboratory observations of physical properties and chemical reactions. The language, formulas, and equations of chemistry are used in interpreting atomic structure and chemical bonding; periodic behavior of elements; rates and energies of chemical and nuclear change; equilibrium of gaseous systems, acids and bases, and oxidation-reduction, as well as organic functional groups. This course format will include activity-based investigations with hands-on activities and concepts, and applications compliant with the adopted California State Science Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 224A Geometry A

Placement by high school counselor. This integrated mathematics college preparatory course builds on the Algebra I course. Topics taught include sampling and reasoning, linear systems, matrices, geometry (coordinate geometry, triangles, circles and spheres), probability and binomials. The course format will involve application of mathematics to real world problems, hands-on classroom activities to investigate concepts and applications compliant with the recently adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 224B Geometry B

Placement by high school counselor. This integrated mathematics college preparatory course builds on the Algebra I course. Topics taught include sampling and reasoning, linear systems, matrices, geometry (coordinate geometry, triangles, circles and spheres), probability and binomials. The course format will

involve application of mathematics to real world problems, hands-on classroom activities to investigate concepts and applications compliant with the recently adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 225A Pre-Calculus A

Placement by high school counselor. This course will further prepare students who have completed two years of high school algebra in such important areas as graphic techniques, algebraic and transcendental functions, and analytic geometry. Special interest has been given to the algebra of calculus. Many examples and exercises consist of algebra problems that arise in the study of calculus. This course will include daily homework, projects, and group activities done in the classroom setting, investigations and calculator work. The course format will include activity-based investigations with hands on activities and concepts and applications compliant with the adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 225B Pre-Calculus B

Placement by high school counselor. This course will further prepare students who have completed two years of high school algebra in such important areas as graphic techniques, algebraic and transcendental functions, and analytic geometry. Special interest has been given to the algebra of calculus. Many examples and exercises consist of algebra problems that arise in the study of calculus. This course will include daily homework, projects, and group activities done in the classroom setting, investigations and calculator work. The course format will include activity-based investigations with hands-on activities and concepts and applications compliant with the adopted California State Mathematics Standards to meet the minimum course requirements for high school graduation. 60 lecture hours.

NC 300 Academic ESL I

Placement is based upon 30-minute interview with a noncredit counselor or recommendation of Academic ESL

I instructor.

Academic ESL I is a course for non-credit students to prepare for credit ESL classes by practicing the four language skills - listening, speaking, reading, and writing. It is an introduction to credit course requirements that include attendance, homework, and assessment. The course includes pronunciation and conversation. 54 lecture hours.

NC 301 Academic ESL II

Placement is based upon 30-minute interview with a noncredit counselor or recommendation of Academic ESL I instructor.

Academic ESL II facilitates the transition of the noncredit ESL student to credit ESL. The course focus is to improve the student's skill of listening to, speaking, reading, and writing the English language. The course includes pronunciation and conversation to build communication skills and fluency. 54 lecture hours.

NC 302 ESL A: Beginning

Placement is based on a 30-minute interview with a noncredit counselor. This course develops basic English skills through the practice of listening, speaking, reading, and writing. 108 lecture hours.

NC 303 ESL B: Intermediate ESL

Placement is based on a 30-minute interview with a noncredit counselor or recommendation from ESL A instructor. This course builds comprehension and communication of spoken English through the practice of the four skills - listening, speaking, reading, and writing. The course emphasizes building confidence in oral expression and refining pronunciation. 108 lecture hours.

NC 305 ESL Multiskills - Beginning 1

ESL Multiskills - Beginning 1 introduces low-beginning English language learners to basic language skills that are needed to live in American society. This course teaches performing essential life skills through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.

NC 306**ESL Multiskills - Beginning 2**

ESL Multiskills - Beginning 2 expands on life and language skills learned in ESL Multiskills - Beginning 1 and is intended for high-beginning English language learners. This course teaches performing routine life skills and basic personal expression through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.

NC 307**ESL Multiskills - Intermediate 1**

ESL Multiskills - Intermediate 1 expands on life and language skills learned in ESL Multiskills - Beginning 2 and is designed for low-intermediate English language learners. This course teaches basic skills needed to succeed in American society through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.

NC 308**ESL Multiskills - Intermediate 2**

ESL Multiskills - Intermediate 2 is designed for English language learners at the high-intermediate level. This course introduces more complex language and life skills, such as critical thinking, presenting arguments, and analyzing information through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.

NC 309**ESL Multiskills - Advanced**

ESL Multiskills - Advanced is designed for English language learners at the low-advanced level. This course prepares students for college level course work, to find or improve a career, and to engage with native English speakers at a comparable level. Open entry/exit. 192 lecture hours.

NC 310**ESL: Grammar - Beginning 1**

ESL: Grammar - Beginning 1 teaches low-beginning English language learners introductory English grammar used in essential life functions. This course can be used to review or prepare for NC 305 - ESL Multiskills - Beginning 1. Open entry/exit. 72 lecture hours.

NC 311**ESL: Grammar - Beginning 2**

Strongly Recommended: NC 305 or demonstrate a high beginning (Beginning 2) level of English

fluency.

ESL: Grammar - Beginning 2 teaches high-beginning English language learners rudimentary English grammar used in basic life functions. This course can be used to review or prepare for NC 306 - ESL Multiskills - Beginning 2. Open entry/exit. 72 lecture hours.

NC 312**ESL: Grammar - Intermediate 1**

Strongly Recommended: NC 306 or demonstrate a low-intermediate (Intermediate 1) level English fluency.

ESL: Grammar - Intermediate 1 teaches low-intermediate English language learners English grammar used in routine life functions. This course can be used to review or prepare for NC 307 - ESL Multiskills - Intermediate 1. Open entry/exit. 72 lecture hours.

NC 313**ESL: Grammar - Intermediate 2**

Strongly Recommended: NC 307 or demonstrate a high intermediate (Intermediate 2) level of English fluency.

ESL: Grammar - Intermediate 2 teaches high-intermediate English language learners English grammar used in more complex life functions. This course can be used to review or prepare for NC 308 - ESL Multiskills - Intermediate 2. Open entry/exit. 72 lecture hours.

NC 315**ESL and Computer Literacy 1: Introduction to Computers**

Strongly Recommended: NC 305 or demonstrate a low beginning level of English fluency.

ESL and Computer Literacy 1: Introduction to Computers introduces basic language and computer skills to English language learners. Students will learn beginning English language and life skills taught through rudimentary computing, word processing, and Internet instruction. 64 lecture hours.

NC 400**ESL and Citizenship**

Strongly Recommended: NC 305 or demonstrate a high beginning (Beginning 2) level of English fluency.

ESL and Citizenship teaches high beginning English language skills through U.S. civics and preparation to complete the USCIS interview and exams. 54 lecture hours.

NC 501**Basic Life Skills for Developmentally Disabled Adults**

This course is designed for developmentally disabled adults. It will address skills related to basic functions in everyday life and enhance skills for supported function in the community. This course will address the different cognitive, physical, communication, and social needs of each student. The program allows interaction in a group setting, learning to interact appropriately at all function levels. 40 - 48 lecture hours.

NC 600**AED Training**

This course provides the student with the knowledge and skills necessary to recognize a victim in need of the Automated External Defibrillation (AED) device and use the AED. Must have current adult CPR certification. 2 lecture hours, 2 lab hours.

NC 601**Basic First Aid and CPR**

This course prepares individuals to recognize and treat injuries and sudden illnesses. Meets the requirements for basic first aid and adult CPR in the workplace. 5 lecture hours, 3 lab hours.

NC 602**CPR for Professional Rescuer**

This course provides the professional rescuer with the knowledge and skills to provide Basic Life Support (BLS) to a victim in an emergency. Follows the guidelines of both the American Red Cross and the American Heart Association. 4 lecture hours, 5 lab hours.

NC 603**Lifeguard Training**

This course provides students with the skills and information to effectively prevent, recognize and respond to aquatic emergencies. Included are the evaluation and improvement of skills necessary for successful certification for the American Red Cross Lifesaving and the American Red Cross CPR for the Professional cards. 12 lecture hours, 24 lab hours.

NC 607**Skilled Nursing Facility Activity Leader**

A course designed to meet minimum state certification requirements for activity leaders in skilled nursing care facilities. This course will also be helpful to

anyone involved with care in an extended care facility. 90 lecture hours.

NC 610 Advanced Skin Care in Electro-Therapy

Must be a State Board of Barbering and Cosmetology licenced esthetician. This course is an advanced program for the licensed esthetician. The course provides professional knowledge and skills needed for a successful career in esthetics. The program includes, but is not limited to, training in microdermabrasion, Light Emitting Diode (LED), and micro current treatments, also, the reaction, response and effects of electro-therapy. Students will be required to purchase a kit for this course. 10 lecture hours, 30 lab hours.

NC 611 Advanced Skin Care In Chemical Exfoliants

Must be a licensed esthetician. Advanced skin care program for the licensed esthetician. The course provides understanding and knowledge of professional skin care products, which includes, but not limited to, the training and education of various types of chemical exfoliants and masks; the reaction, response, and effects of the skin, and the customized blending and applications of professional products. 10 lecture hours, 30 lab hours.

NC 612 Advanced Makeup

Must be a licensed esthetician or licensed cosmetologist.

Advanced makeup program for the licensed esthetician/cosmetologist. The course provides advanced knowledge and skills needed for a professional career in makeup artistry. The program includes the study of facial features, customized makeup application, including, but not limited to, theatrical, camouflage, air brush, bridal and fantasy. 10 lecture hours, 30 lab hours.

NC 613 Advanced Skin Care in Aromatherapy

Must be a licensed esthetician. This course is an advanced skin care program for the licensed esthetician. This course provides the knowledge and skills needed for a professional career in esthetics. The program includes the study of therapeutic essential oils, botanicals,

including, but not limited to, blending, application, effects, reactions, and holistic views. 10 lecture hours, 30 lab hours.

NC 626 Floral Design I

Application of the principles in the art of floral design as to form, style, and composition. Designing of floral arrangements, wreaths, sprays, baskets, bouquets, funeral and wedding flowers, corsages and boutonnieres are included in the laboratory setting. 16 lecture hours, 40 lab hours.

NC 632 Air Conditioning I

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level.

Topics will include fundamentals of refrigeration theory and practice, introductory basic electricity, service of refrigeration equipment and accessories including compressors, condensers, evaporators, and metering devices. Review for EPA exam. 36 lecture hours, 18 lab hours.

NC 634 Air Conditioning II

Strongly Recommended: NC 632. A course in the fundamentals of air conditioning, including ventilation, evaporation, cycles, charging, air distribution, control, electrical circuiting, venting, duct systems and diffusions. Emphasis on equipment selection, balance, adjustment, maintenance and service. Prepares students for EPA examination. 36 lecture hours, 18 lab hours.

NC 636 Heating - Electrical and Gas

Strongly Recommended: NC 632 or industry experience.

This course includes absorption systems, heating and humidifying, also heat load and heat pump systems, systems controls, boilers, and instruments. 36 lecture hours, 18 lab hours.

NC 638 Electricity for Heating and Air Conditioning

Strongly Recommended: ENGL 099 if required by English placement exam or if required by English level and NC 632 or industry experience.

A course in electricity covering the functions and operations of electric motors and controls used in mechanical systems. 36 lecture hours, 18 lab hours.

NC 640 HVAC Control Systems

Strongly Recommended: NC 632. An explanation of HVAC control system theory, control hardware, and both simple and complex control systems, supervisory controls and the use of computers in control systems. 36 lecture hours, 18 lab hours.

NC 642 Trouble Shooting Heating and Air Conditioning

Strongly Recommended: NC 632. This course covers the techniques to locate, identify, and correct the problems that occur in heating, air conditioning, and refrigeration systems, both domestic and commercial. 36 lecture hours, 18 lab hours.

NC 701 Creative Writing for Older Adults

Creative non-fiction written expression is explored through the development of memoirs, personal essays, profiles, and nature articles. This course provides older adults an opportunity to recall, organize, and share their life experiences about events, family, health, or work. 30 lecture hours.

NC 702 Exploring Current Events and Recent Trends

This course is designed for the active 55+ learner. This course stimulates discussion of current events and trends. Sources of news including print and electronic media will be featured. Featured will be discussion on the impact of events on the student or the world around you. 36 – 54 lecture hours.

NC 703 Mastering Every Day Computer Technologies and Mobile Devices

Mobile electronics, social networking, personal computers, internet use and various software applications beneficial to the active 55+ learner will be covered. The course is designed for those with minimal to intermediate computer technology skills. 20 lecture hours, 60 lab hours.

NC 712 Therapeutic Benefits of Music

This course is designed for older adults with limited physical and/or mental abilities. Students will learn, experience and express music by singing together,

playing instruments, listening to music, and socializing together by creating rhythms, and playing games that will teach musical concepts. 16 lab hours.

NC 715**Cultural Significance of Music**

This course is designed for the active 55+ learner who wishes to analyze and debate the various historical and societal influences of music as well as music's impact on the world, the United States and their own personal lives. 16 lecture hours.

NC 717**Overall Health and Wellness for the Older Adult**

This course focuses on the overall wellness and health of the active 55+ learner, including physical and mental health. Each program element is planned to educate individuals to their highest potential level of functioning. 26 lecture hours, 10 lab hours.

NC 718**Health Fitness and Nutrition for Older Adults**

This class is designed to teach Older Adults how exercise and proper nutrition lead to good health as we get older. The class will also teach the physiological changes that occur with aging, as well as activities that prevent falls. 32 lecture hours, 8 lab hours.

NC 930**Understanding Drug/Alcohol Abuse and Treatments**

This course is designed to create an understanding of drug and alcohol abuse from a sociological and physiological perspective. It is not a replacement for therapy or twelve step meetings. The intended audience will be individuals desiring to learn about the various aspects of recovery and/or those affected by or wanting to learn more about the recovery process. Topics will include: treatments, detox processes, support groups, and post-recovery issues. 36 lecture hours.

College Policies and Notices: Rules for Safety and Success

Academic Freedom Statement

It is the policy of the Citrus Community College district to support the principles of academic freedom, built upon the free expression and exchange of ideas that are inherent in the search for scholarly truth and upon which a free and democratic society depends. The district affirms the use of a variety of teaching methodologies to fulfill its obligation to raise difficult and meaningful questions in the educational development of students. Faculty are entitled to freely discuss issues germane to their subject matter. This freedom involves the right to introduce controversial topics, as long as the manner of presentation involves objective reasoning and rational discussion.

Academic freedom must be balanced with the obligation of the district to protect the right of students to learn in an environment characterized by civility, open inquiry, and freedom from unlawful discrimination. While faculty have the right to present ideas and conclusions which they believe to be in accord with available evidence, they also have the responsibility to acknowledge the existence of different opinions and to respect the right of others to hold those views. Faculty and students have a responsibility to engage in teaching and learning that honors and respects divergent viewpoints that are grounded in cultures of reason, logic, evidence and responsible scholarship.

When faculty (or any other district employees) speak or write as citizens, care should be taken to avoid the representation of any personal view as that of the district or of Citrus College.

Academic Honesty

See Code of Conduct

Athletic Eligibility

See Athletics: The Fighting Owls section

Drug Free Environment and Drug Prevention Program

References: Drug Free Schools and Communities Act, 20 U.S.C. Section 1145g and 34 C.F.R. Section 861 et seq.; Drug Free Workplace Act of 1988, 41 U.S.C. Section 702

The district is committed to maintaining an environment free from the unlawful possession, use, or distribution of illegal substances and alcohol by students and employees.

With the exception of alcohol products intended fully for use in classroom scientific experiments and not intended for human consumption, the unlawful manufacture, distribution, dispensing, possession or use of alcohol or any other controlled substance is prohibited on district-owned or controlled property, at district-sponsored or supervised functions, or related to or arising from District attendance or activity.

All employees are required to comply with this policy as a condition of their employment and continued employment.

Any student or employee who violates this policy will be subject to disciplinary action, which may include referral to an appropriate rehabilitation program, suspension, demotion, expulsion or dismissal. Any employee convicted under a criminal drug and/or alcohol statute for conduct in the workplace must report this conviction within

five days to the superintendent/president.

The superintendent/president shall assure that the college distributes annually to each student the information required by the Drug-Free Schools and Communities Act Amendments of 1989 and complies with other requirements of the Act.

Campus Disturbances

The willful disturbance of classes, college activities, or procedures is a misdemeanor. (California Penal Code, Section 626.6)

Cheating and Plagiarism

See Code of Conduct

Code of Conduct

Those representing Citrus College at any conference, trip or athletic event will observe this Code of Conduct.

Basic Responsibilities on Conferences, Trips or Athletic Events

1. Participants, students, and advisers shall recognize their responsibility for proper conduct during a trip to or from, and at the conference or event.
2. Advisers shall recognize their responsibility for the actions of their students. Each student will be directly responsible to the adviser.
3. Rules established by the host organization or location must be observed.
4. Prior to the conference or trip, the student participants and advisers shall have read the Standards of Conduct.

5. Attendance at all meetings, including meals, is considered part of the participant's responsibility while at a conference unless first excused by the advisers.
6. No student may officially or unofficially represent Citrus College at any event away from the campus without an adviser or special permission granted by the Citrus College administration to be without an adviser.

Standards of Conduct

The superintendent/president shall establish procedures for the imposition of discipline of students in accordance with the due process requirements of state and federal regulations.

The procedures shall clearly define the conduct that is subject to discipline, and shall identify potential disciplinary actions, including but not limited to the removal, suspension or expulsion of a student.

The Board of Trustees shall consider any recommendation for a student's expulsion received from the superintendent/president. The board shall consider an expulsion recommendation in closed session unless the student requests that the matter be considered in a public meeting. Final action by the board on the expulsion shall be taken at a public meeting.

The following infractions are considered good cause for discipline at Citrus College and are based on local, state and federal law, as well as Citrus Community College District board policy 5500 and administrative procedures 5520.

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Causing, attempting to cause, or threatening to cause physical injury to another person. 2. Possession, sale or otherwise furnishing any firearm, knife, explosive, or other dangerous object, including but not limited to any facsimile firearm, knife, or explosive, unless, in the case of possession of any object of this type, the student has obtained prior written permission to possess the item from a District employee with the concurrence of the Superintendent/President; 3. Unlawful possession, use, sale, offer to sell, furnishing, or being under the influence of, any controlled substance listed in Chapter 2 (commencing with Section 11053) of Division 10 of the California Health and Safety Code, an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging, or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014.5; 4. Committing or attempting to commit robbery or extortion; 5. Causing or attempting to cause damage to District property or to private property on campus; 6. Stealing or attempting to steal District property or private property on campus, or knowingly receiving stolen District property or private property on campus; 7. Willful or persistent smoking in any area where smoking is | <p>prohibited by law or by college or District regulation;</p> <ol style="list-style-type: none"> 8. Committing unlawful sexual harassment as defined by pertinent law; 9. Engaging in unlawful harassing or discriminatory behavior based on race, gender, religion, age, national origin, disability, or any other protected characteristic or classification, as defined by pertinent law; 10. Willful misconduct which results in injury or death to a student or to District personnel or which results in cutting, defacing, or other injury to any real or personal property owned by the District or on campus; 11. Disruptive behavior, willful disobedience, or the open and persistent defiance of the authority of, or persistent abuse of, District personnel; 12. Cheating, plagiarizing (including plagiarism in student publications), or engaging in other forms of academic dishonesty; 13. Dishonesty; forgery; alteration or misuse of District documents, records or identification; or knowingly furnishing false information to the District; 14. Unauthorized entry upon or use of District facilities; 15. Lewd, indecent or obscene conduct on District-owned or controlled property, or at District-sponsored or supervised functions; |
|---|---|

16. Engaging in expression which is obscene; libelous or slanderous; or which so incites students as to create a clear and present danger of the commission of unlawful acts on District premises;
17. Violation of lawful District administrative procedures, or the substantial disruption of the orderly operation of the District;
18. Engaging in persistent, serious misconduct where other means of correction have failed to bring about proper conduct;
19. Unauthorized preparation, giving, selling, transfer, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any Board Policy or Administrative Procedure;
20. Violation of College rules or regulations including campus policies concerning the student organizations, the use of College facilities, or the time, place and manner of public expression;
21. Persistent violation of classroom standards of conduct as established by the instructor;
22. Any other cause not listed above which is identified as "Good Cause" by the Education Code.

For detailed information regarding student discipline, visit www.citruscollege.edu and click

Student Affairs, Student Discipline and Conduct.

Driving and Parking

The Citrus Community College District Board of Trustees have adopted traffic and parking regulations in accordance with the California Vehicle Code. Refer to the current Schedule of Classes for details.

Grievance Procedures

Student grievance procedures provide every student with a prompt and equitable means of seeking an appropriate resolution for any alleged violation of his or her rights. The rights protected under these procedures include, but are not limited to, those guaranteed by the established rules and regulations of the Citrus Community College District and the Education Code of the State of California.

The student grievance procedure does not apply to student disciplinary actions covered under separate board policies and administrative procedures and parking citations "tickets" obtained on campus.

Students are advised that grievances must be filed within 20 school days of the occurrence. The procedures do not apply to the employment rights of students. Sexual harassment or discrimination complaints are made to the Office of Human Resources.

Citrus College students are, by law, protected against capricious, arbitrary, unreasonable, unlawful, false, malicious or professionally-inappropriate evaluations or actions by an employee of Citrus College.

For information regarding student grievance procedures, contact the Office of the Vice President of Student Services at (626) 914-8532.

Hazing

Hazing is prohibited in California schools. Violators may be punished by a fine not to exceed \$500 or six months in jail.

Sexual Harassment and Sexual Violence Prevention

No community can be totally risk-free in today's society. However, working together, students, faculty, staff, and visitors can all help to create an atmosphere which is as safe and crime-free as possible. Sections 66281.5 and 67385.7 of the Education Code requires that community college districts adopt and implement procedures to ensure prompt response to victims of sexual harassment and sexual violence which occur on campus, as well as, providing them with information regarding treatment options and services. Citrus College takes the issue of sexual harassment and sexual violence very seriously and is proactive in offering a safe environment for students and visitors. For this, Citrus College offers informational and preventive programs to all students and staff to help prevent the risk of sexual harassment and sexual violence on campus. Additional information is available through the Sexual Violence Prevention Statement on the college website at www.citruscollege.edu.

Sexual Harassment (Board Policy 7102/Administrative Procedure 7102)

Sexual harassment consists of unwelcome sexual advances, requests for sexual favors, and other conduct of sexual nature when:

- Submission to the conduct is made a term or condition of an individual's employment, academic status, or progress;

- Submission to, or rejection of, the conduct by the individual is used as a basis of employment or academic decisions affecting the individual;
- Submission to, or rejection of, the conduct by the individual is used as the basis for any decision affecting the individual regarding benefits and services, honors, programs, or activities available at or through the community college.

Any student or employee who believes that he/she has been harassed or retaliated against in violation of Board Policy 7102 should immediately report such incidents by following the complaint procedure set forth under Administrative Procedure 7101 – Discrimination Complaint Procedure: Students, Employees, and Job Applicants. Employees who violate the policy and procedures may be subject to disciplinary action up to and including termination. Students who violate this policy and related procedures may be subject to disciplinary measures up to and including expulsion.

Sexual Assault (Board Policy 3540/ Administrative Procedure 3540)

Sexual assault is defined as any kind of unwanted sexual contact. This includes, but is not limited to, rape, forced sodomy, forced oral copulation, rape by a foreign object, sexual battery, threat of sexual assault and related conduct that threatens the health and safety of another person. Sexual violence may include sexual assault, rape, date rape, acquaintance rape, domestic violence, stalking, dating violence, forcing a person to watch/engage in pornography, harassment, exposing/flash-ing, voyeurism and/or fondling.

Any sexual violence or physical abuse, as defined by California law, whether committed by an employee, student, or member of the public, occurring on college-owned or controlled property, at college-sponsored or supervised functions, or related to or arising from college attendance or activity is a violation of district policies and regulations, and is subject to all applicable punishment, including criminal and/or civil prosecution and employee or student discipline procedures.

Any person who has been the victim of sexual violence or who has information regarding sexual violence on campus is strongly urged to call 911 or the police department or sheriff in the city where the crime took place and report the situation as soon as possible. If you are the victim of sexual assault on campus you may also:

1. Contact Campus Safety 24 hours a day, 7 days a week at (626) 914-8611, or at extension 8611 when calling from an on campus phone. You may also contact the Student Health Center, located in the Student Services Building, at (626) 914-8671 during business hours.
2. Choose to go directly to a hospital emergency room for medical care. Please keep in mind that there are many community resources that can provide different support services to you in a time of crisis. This includes but is not limited to:
 - Project SISTER Sexual Assault Crisis & Prevention Services offers immediate crisis assistance in seven languages seven days a week. They also provide

- accompaniment/advocacy services in which trained volunteers support and advise survivors of sexual violence and child abuse at the hospital, police station, and during court appearances. 24-hour hotlines: (909) 626-HELP (4357) or (626) 966-4155
- House of Ruth offers many services to victims of domestic violence which include emergency shelter, transitional shelter, legal advocacy and counseling/ support groups. 24-hour hotline: (909) 988-5559
- National Sexual Assault Hotline: (800) 656-HOPE (4673)
- National Domestic Violence Hotline: (800) 799-7233

3. If the perpetrator is a student at Citrus College, you may choose to contact the Vice President of Student Services at (626) 914-8532 to file an administrative complaint.

Smoking on Campus

See Substance Abuse

Substance Abuse

The Citrus Community College District prohibits the unlawful possession, use, or distribution of illicit drugs and alcohol by students and employees on college property, and as part of any college sponsored or sanctioned event. In addition, the use of tobacco is prohibited in all district buildings and vehicles. (Citrus Community College District Board Policy 7103, Education Code 87335, Standards of Student Conduct, and U.S. Public Law 101-226).

Any student or employee in violation of this policy is subject to disciplinary action, up to and

including, expulsion from college or termination from employment for violations of the standard code of conduct. The decision to take disciplinary action in any such instance rests with the Board of Trustees after consideration of the recommendation of the Superintendent/President.

Notices

Campus Safety

From January 1, 2010 through December 31, 2012, the following criminal offenses occurred on campus and were reported to Campus Safety and public agencies:

| Offense | 2010 | 2011 | 2012 |
|--|------|------|------|
| Murder | 0 | 0 | 0 |
| Manslaughter | 0 | 0 | 0 |
| Sex Offense (Forced) | 0 | 3 | 0 |
| Sex Offense (Non Forced) | 0 | 0 | 0 |
| Robbery | 1 | 1 | 0 |
| Aggravated Assault | 2 | 5 | 0 |
| Burglary | 5 | 3 | 2 |
| Vehicle Theft | 3 | 5 | 6 |
| Arson | 0 | 0 | 0 |
| Drug Law Violation/ Arrest | 5 | 4 | 4 |
| Drug Law Violation/ Disciplinary Referrals* | — | 9 | 21 |
| Liquor Law Violation/ Arrest | 3 | 4 | 1 |
| Liquor Law Violation/ Disciplinary Referrals* | 3 | 4 | 1 |
| Illegal Weapons Possession Arrest* | — | 0 | 0 |

| Offense | 2010 | 2011 | 2012 |
|---|------|------|------|
| Illegal Weapons Possession/ Disciplinary Referrals* | 0 | 1 | 2 |
| Hate Crimes | 0 | 0 | 0 |

* New category as of 2011.

Registered Sex Offender Information

Information concerning registered sex offenders may be obtained from the Glendora Police Department, 150 S. Glendora Avenue, Glendora, CA 91741 by calling 626-914-8250 or visiting www.meganslaw.ca.gov

Sex offenders are required to register with the police in the jurisdiction in which they reside.

Catalog Rights

Students who maintain continuous enrollment may elect to graduate under the requirements of the Citrus College catalog in effect at the time of admissions to Citrus College or at the intended date of graduation from Citrus College. Please see Administrative Policy 4100 for more information on catalog rights.

Continuous Enrollment

A student is continuously enrolled if he/she receives a grade (*A, B, C, D, F, FW, MW, P, NP, or I*) in any semester, fall or spring, during each academic year. Continuous enrollment is maintained at Citrus College if a student transfers to another regionally accredited institution, as long as he/she maintains continuous enrollment at that institution.

Continuous enrollment is defined as attendance in one semester or two quarters (excluding summer or winter) within an academic calen-

dar year at a regionally accredited institution.

Nondiscrimination Policy

Citrus Community College District does not discriminate on the basis of race, color, ancestry, national origin, sex, age (over 40), religious creed, marital status, medical condition (including cancer), physical disability (including HIV and AIDS), mental disability, sexual orientation, gender identity and/or expression, or military status as a Vietnam-era veteran in any policies, procedures or practices.

In addition, it is the stated policy of Citrus Community College District that harassment is prohibited and that regular employees shall not be denied family care leave if eligible under the Fair Employment and Housing Act. All of these categories are protected by the following legislation: Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Fair Employment and Housing Act, California Government Code 12900 et seq., and the Americans with Disabilities Act of 1990.

Students who have questions or concerns about the nondiscrimination policy can contact the human resources staff diversity manager at (626) 914-8830.

Open Enrollment

All courses, course sections, and classes offered by Citrus College are open for enrollment to any person who has been admitted to the college. Enrollment may be subject to any priority system that the college has established. Enrollment may also be limited to students meeting properly validated prerequisites and co-requisites of certain academic programs, or due to

other practical considerations such as exemptions set out in statute or regulation.

Public Safety

See Campus Safety

Student Rights and Privacy Act

Citrus College student records are maintained in accordance with the Education Code, Title 5, California Civil Code, and the U.S. Patriot Act. Written student consent is required for access and release of information defined as educational records in the federal and state laws as described in Citrus College AP 5040.

A student's directory information (student's name, address, telephone number, date and place of birth, major field of study, enrollment status, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and most recent previous public or private school attended) may be released upon request unless the Admissions and Records Office receives written notification that a student reserves the right to authorize, in writing and, on an individual request basis, the access and release of the directory information. Such a notice of restriction will remain in effect until it is countermanded in writing.

Additionally, the law provides that a student may request access to the college records which are personally identifiable to that student, and may challenge the accuracy or the appropriateness of retention of information in the college record.

Student Right-to-Know

In compliance with the Student Right-To-Know and Campus Security Act of 1990, it is the policy

of the Citrus Community College District and Citrus College to make available its completion and transfer rates to all current and prospective students. Student Right-To-Know (SRTK) refers to a federally-mandated public disclosure of a college's completion rate and transfer rate. The intent of SRTK is to provide to the consumer a statistic of comparable effectiveness that they can use in the determination of college choice. All colleges nationwide are effectively required to participate in the disclosure of rates by January 2000.

SRTK is a "cohort" study; that is, a group of students who are first-time freshmen, are enrolled full-time and are degree-seeking, is identified in a fall term and their outcomes are measured over a period of time. The outcomes that the two SRTK rates measure are completion (the total number of students in the cohort who earn either a degree, a certificate, or who successfully completed a two-year-equivalent transfer-preparatory program) and transfer (the total number of cohort non-completers who were identified as having enrolled in another institution). The tracking period of the cohorts is three (3) years, at which time the SRTK rates are calculated and made public.

SRTK Rates are derived and reported yearly on the IPEDS-GRS (Integrated Postsecondary Educational Data System-Graduation Rate Survey). The IPEDS-GRS also tracks part-time student cohorts over a six (6) year period; however, full-time cohort status after three years is the only basis for calculating SRTK rates.

Access to the Citrus College Student Right-To-Know Rates and further information about the rates

and how they should be interpreted is available through the "Student Right-To-Know Information Clearinghouse" Web site maintained by the Chancellor's Office, California Community Colleges at <http://srtk.cccco.edu/index.asp>

Questions concerning students' rights under the privacy act should be directed to the Admissions and Records Office, 626-914-8511.

Faculty and Administrators

(Date or appointment follows name)

Afzali, Ana (1997)

Spanish
A.S., Westbrook College; B.A.,
University of Maryland; M.A.
Ph.D., University of California,
Los Angeles

Aguirre, Shellyn M. (2014)

Counseling
B.A., California State Polytechnic
University, Pomona; MSW,
California State University,
Los Angeles

Allahbachayo, Salima (2009)

Nursing
B.A., Aga Khan University;
M.S., University of California,
Los Angeles

Anderson, Brian (1999)

Mathematics
B.S., Hofstra University; M.A.,
Claremont Graduate School

Anson, Melanie (1988)

Public Address/Speech
B.A., University of California,
Los Angeles; M.A., Ph.D.,
University of Southern California

Arredondo, Dora (2004)

Dental Technology
B.S., University of Phoenix

Avalos, Steve (2000)

Counseling
A.A., Mt San Antonio College;
B.A., California State
University, Long Beach; M.A.,
Azusa Pacific University

Barajas, Noemi (2013)

Nursing
B.S., California State University
Dominguez Hills; M.S. Mount St.
Mary's College

Bautista, Susan (2006)

Cosmetology
A.S., Mount San Antonio College

Bigby, Shauna (2006)

College Nurse
A.A., Mount Saint Mary's
College; B.S., University of
Southern California; M.S.
California State University,
Long Beach; DNP, University of
Colorado

Boquiren, Connie (1997)

Licensed Vocational Nursing
B.S.N., M.Ed., Saint Louis
University

Borja, Patrick (2004)

Accounting
B.S., M.A., M.B.A., California
State University, Los Angeles

Bosler, Sally (2010)

Librarian
B.A., Azusa Pacific University;
M.Ed., Azusa Pacific University;
MLIS, San Jose State University

Bowman, Deborah (2004)

Licensed Vocational Nursing
B.S., California State
University, Fullerton

Boxley, Jackie (2004)

Kinesiology
B.S., California State
University, Fullerton; M.A.,
Azusa Pacific University

Brawner, Mary (1990)

Kinesiology
B.S., Fort Hays State
University; M.S., Fort Hays
State University

Brown, Cherie (1998)

Theatre Arts
B.A., California State
University, Fullerton; M.F.A.,
University of California, Irvine

Brown, David (1999)

Automotive
A.S., Citrus College

Brown, Rick (2006)

Psychology
B.A., University of Louisville;
M.A., Ph.D., Emory University

Buchwald, Rosalinda (1983)

Director of Fiscal Services
B.S., University of La Verne; MBA
University of La Verne

Call, Jack (1999)

Philosophy
B.A., California State
University, Los Angeles; M.A.,
Ph.D., Claremont Graduate
School

Castillo, Claudia (2004)

Counseling
B.A., California State
University, Fullerton; M.A.
Chapman University

Clark, Jeremy (2001)

Automotive
B.S., California State
University, Long Beach

Cross, Cynthia (2005)

ESL
B.A., University of California,
Riverside; M.A., California
State Polytechnic University,
Pomona

D'Amato, Jennifer (2014)

Nursing
B.S., California State University,
Los Angeles; M.S., University of
Phoenix

Dain, Claudette E. (2014)

Vice President of Finance and
Administrative Services
B.S., California State Polytechnic
University, Pomona; MBA,
California State University,
Dominguez Hills

Dau, Carsten (1997)

English
B.A., M.A., Louisiana State
University

Desimone, Natalie A. (2014)

Counseling
B.A., Chapman University; M.A.,
University of California,
Los Angeles

Diamond, Fred E. (2011)

Director of Facilities and
Construction
A.S., Long Beach City College;
B.A., Chapman University;
M.B.A., University of La Verne

Dominguez, Victoria (2012)

Mathematics
B.A., M.S. University of Southern
California; M.A. California State
University, Fullerton

- Duffy, Dyane** (2001)
Art
B.A., California State University, Chico; M.F.A., Claremont Graduate School
- Durfield, Timothy** (2006)
Business
B.S., M.B.A., Azusa Pacific University; J.D., Western State University College of Law
- Eiland, Thomas** (1997)
English
B.A., M.A., California State Polytechnic University, Pomona
- Eisel, Gunnar** (1989)
Music
A.A., Citrus College; B.A., California State University, Long Beach; M.A., California State University, Fullerton
- Eisel, Roberta** (2000)
English
B.A., California State University, Long Beach; M.A., Occidental College; M.P.A., California State University, Los Angeles
- Ellis, Jeanette** (2006)
Licensed Vocational Nursing
B.S., M.S., University of Phoenix
- Everest, Rob** (1999)
Mathematics
B.A., M.S., Southern Oregon University; M.A., Azusa Pacific University
- Everett, Ann** (2012)
Cosmetology
B.S., California State University, Fullerton
- Farahani, Badieh** (2006)
Chemistry
B.S.E., University of Michigan; M.S., California State Polytechnic University
- Fernandes, Richard** (1992)
Architectural Drafting
B.A., San Diego State University; M.A., California State University Los Angeles; Ph.D., Pepperdine University
- Fincher, John** (1998)
Language Arts/Speech
B.S., West Georgia College; M.A., California State University, Los Angeles
- Fink, Brenda** (1996)
Manager of Human Resources/ Staff Diversity
B.A., M.A., University of La Verne; M.B.A., University of Redlands
- Flores, Richard** (1998)
Computer Science & Information Systems
B.A., M.A., California State University Northridge; M.S., Pepperdine University
- Galvan, Alex** (1996)
Music
B.A., M.A., California State University, Los Angeles
- Garate, Elisabeth** (2000)
Spanish
B.A., M.A., California State University, Los Angeles; Ph.D., University of California, Los Angeles
- Ghidella, Richard** (2004)
Business
B.A., M.B.A., California State University, Fullerton
- Glover, Patty** (2004)
Cosmetology
B.S., California State University, San Bernardino
- Goedhart, Christine** (2012)
Biology
B.S., California State University, Fullerton; Ph.D., University of California, Irvine
- Gomez, Steven** (2001)
Kinesiology
B.S., M.S., California State Polytechnic University, Pomona
- Gong, Catherine** (1994)
Mathematics
B.A., University of California, Santa Cruz; M.A., University of California, Berkeley
- Gonzalez, Rudy** (2006)
Mathematics
B.A., M.S., California State University, Los Angeles
- Gonzales-Tapia, Sara** (2006)
Director of EOP&S, CARE and CalWORKS
B.A., M.Ed., University of California, Los Angeles
- Goodman, Robert** (2000)
Forestry
B.S., California State Polytechnic University, Pomona; M.S., California State Polytechnic University, Pomona
- Graciano, Albert** (2002)
Cosmetology
Teaching Credential, University of California, Los Angeles
- Granger, Lanette** (2010)
Librarian
A.A., Citrus College; B.S., California State Polytechnic University, Pomona; MLIS, San Jose State University
- Grauso, Lynda** (1999)
Licensed Vocational Nursing
A.A., Pasadena City College; B.S.N., University of Phoenix; M.H.A., University of La Verne
- Green, Martin** (2005)
Music
B.M.U., Brigham Young University; M.A., California State University, Fullerton
- Green, Paula** (2005)
Director of Communications
B.A., Pitzer College; M.A., Michigan State University
- Grossman, Bruce** (2004)
Business
B.S., State University of New York, Binghamton; J.D., Washington University
- Guebert, Toby** (1996)
Foreign Language
B.A., M.A., University of Illinois
- Gunderson, Mark** (2000)
Reading
B.A., University of Maryland; M.S., Johns Hopkins University
- Gunstream, Marilyn E.** (1976)
Kinesiology
B.A., California State University Los Angeles; M.A., Azusa Pacific University

- Gutierrez, Jesus** (2008)
Mathematics
B.S., University of California, Los Angeles; M.S., California State University, Los Angeles
- Guttman, Kenneth** (1991)
Psychology
B.A., University of California, Los Angeles; M.A., California State University Los Angeles; Ph.D., California School of Professional Psychology
- Hadsell, Cliff** (2004)
Emergency Medical Technician
B.S., University of La Verne; M.P.A., California State University, Long Beach; Ph.D., University of Nebraska, Lincoln
- Hahn, Shelly** (1999)
Child Development
B.A., California State Polytechnic University, Pomona; M.A., California State University, Los Angeles
- Han, June** (2007)
Biology
B.S., M.S., University of California, San Diego; M.A., Ph.D., University of California, Los Angeles
- Hao, Lan** (2006)
Director of Institutional Research
B.A., Tsinghua University; M.E., Ph.D., University of Southern California
- Hartman, Steven** (1987)
Adapted Physical Education
B.S., M.S., Brigham Young University
- Hathaway, George** (1998)
Earth Sciences
B.S., San Diego State University; Ph.D., University of California, Los Angeles
- Hays, Dorothy** (2000)
Counseling
B.A., California State University, Los Angeles; M.A., Pacific Oaks College
- Hernandez, Michelle** (2012)
Counseling
B.A., University of California, Los Angeles; M.S.W., California State University, Northridge
- Hernandez, Salvador** (2004)
Cosmetology
A.A., East Los Angeles College
- Herrera, Rafael** (2007)
Counseling
A.A., Mt. San Antonio College; B.A., California State University, Fullerton; M.S., University of La Verne
- Hester, Dana** (1998)
Dean of Social and Behavioral Sciences, and Distance Education
B.S., University of Pittsburgh; M.S., University of Houston; Ed.D., California State University, Fullerton
- Hillman, Michael** (1997)
Ceramics
B.A., M.A., California State University, Long Beach
- Hoehne, William** (2000)
Music
B.M.E., University of North Texas; M.M., University of Miami
- Hogan, Gina** (2005)
English
B.S., M.S., M.A., California State Polytechnic University, Pomona; Ed.D., University of La Verne
- Hsin, Anson** (2014)
Biology
B.S., University of California, San Diego; M.S., California State University, Los Angeles; Online Teaching Certification, Fresno Pacific University
- Iverson, Robert** (2008)
Director of Purchasing & Warehouse
B.A., California State University, San Bernardino
- Jackson, Matt** (2001)
Art
B.S., California State University, Dominguez Hills; M.A., M.F.A., California State University, Fullerton
- James, Rhoda** (1995)
Business
B.S.Ed., Chicago State University; M.A., California State University, Los Angeles; Ed.D., University of La Verne
- Johnson, Sandra** (1990)
Art
A.A., Pasadena City College
B.A., M.A., California State University, Los Angeles
- Juncosa, Barbara** (2012)
Biology
B.S., University of Miami; Ph.D., Rockefeller University
- Kaisler, Denise** (2004)
Astronomy
B.Sc., University of Western Ontario; M.Sc., McMaster University; M.S., Ph.D., University of California, Los Angeles
- Kary, David** (1999)
Astronomy
B.S., University of British Columbia; Ph.D., State University of New York at Stony Brook
- Kim, Andrew** (2004)
Behavioral Sciences
B.S., University of California, San Diego; M.A., Ph.D., University of California, Los Angeles
- Kondo, Arnold** (1997)
Biological Sciences
B.S., University of California, Davis; M.S., University of California, Riverside
- Korn, Dennis** (1991)
Automotive Technology
A.S., Chaffey College; B.V.E., M.A., California State University, San Bernardino
- Lancaster, James** (2000)
Dean of Curriculum, Career, Technical and Continuing Education
A.S., Cerritos College; B.V.E., California State University, Long Beach; M.A., California State University, Los Angeles; Ed.D., California State University, Fullerton

- Langford, Bruce** (1997)
Music
B.M., California Institute of the Arts; M.M., Southwestern Theological School of Music
- Lawrence, Patricia** (1991)
Reading
A.A., San Bernardino Valley College; B.A., M.A., California State University, Los Angeles
- Lee, Samuel** (2002)
Dean of Language Arts & Enrollment Management
B.A., California State University, Fresno; M.S., University of Southern California; Ed.D., University of La Verne
- Lindsey, Stephen** (1987)
Business
B.A., Claremont Men's College; J.D., Loyola University
- Liskey, Renee** (2014)
Dance
A.A., Citrus College; B.A., California State University, Fullerton; M.A., California State University, Dominguez Hills
- Longyear, Alicia** (2006)
Counseling
B.A., University of Redlands; M.S., University of La Verne; Certificate in Sport Counseling, University of La Verne
- Low, Joyce** (1999)
Mathematics
B.S., M.A., University of Alabama; M.S., University of Southern California
- Lubisich, Senya** (2004)
History
B.A., M.A., Ph.D., University of California, Riverside
- McBurney, Robin** (1997)
Counseling
A.A., Eckerd College; B.A., University of California, Santa Cruz; M.S., California State University, Los Angeles
- McClain, James** (1986)
Dean of Mathematics, Business & Health Sciences
B.S.M.E., Northern Arizona University; M.Ed., M.S.C.S., Azusa Pacific University
- McDonald, Martha** (2004)
Dean of Students
B.A., M.A., Chapman University; Ed.D., California State University, Fullerton
- McGarry, Anna** (1999)
Spanish
B.A., M.A., University of California, Davis; M.A., California State University, Sacramento
- McLeod, Jennifer** (2006)
Disabled Student Programs and Services Coordinator
B.A., Southern California College/Vanguard University; M.S., California School of Professional Psychology/Alliant International University, San Diego
- Medrano, Esmeralda** (2006)
Mathematics
B.S., University of California, Los Angeles, M.S., California State University, Los Angeles
- Miles, Terrence** (1998)
Physical Science
B.S., California State University, Northridge; M.A., University of California, Santa Barbara
- Morrish, Maria** (2010)
Cosmetology
License, Royal Hair Institute Barbering College; Instructor Training, Pasadena City College; A.S., Citrus College; B.A., University of San Diego
- Munoz, Gino** (2007)
Music
A.A., Citrus College; B.A., M.M., Azusa Pacific University
- Mustain, James** (2001)
Computer Science & Information Systems
B.A., University of California, Los Angeles; M.S., University of Southern California; M.B.A., California State University, Long Beach
- Nguyenhuu, Rick** (2000)
Mathematics
B.S., California State University, Fullerton; M.S., California State University, San Bernardino
- Odegaard, Eric** (2012)
English
B.A., California State University, Fullerton; M.A. Claremont Graduate University
- Odrich, Steve** (1990)
Mathematics
A.A., Los Angeles Valley College; B.A., M.S., California State University, Northridge; M.S., California State University, Los Angeles
- O'Hara, Stephen** (2000)
Recording Arts Technology
- O'Neil, Margaret** (1990)
Journalism
B.A., St. Mary's College; M.A., Creighton University
- Over, Lucinda** (1995)
Dean of Counseling
B.A., M.A., Azusa Pacific University; Ed.D. University of La Verne
- Overly, David** (1991)
English
B.A., University of So. Florida; M.A., University of Southern California; Ph.D., Union Institute and University
- Paek, Hyeyi** (1991)
Mathematics
B.A., University of California, Los Angeles; M.S., California State University, Northridge
- Paredes, Natalie** (2005)
Counseling
B.S., California State University, Fullerton; M.S., California State University, Los Angeles
- Perri, Geraldine M.** (2008)
Superintendent/President
A.A., Hostos Community College; B.S., M.A., New York University; M.A., Ph.D., Fielding Graduate University

- Perry, Carolyn** (1997)
Human Development
B.A., California State University, Long Beach; M.A., University of La Verne
- Peters, Gerhard** (2007)
Political Science
A.B., Georgetown University; M.A., University of San Diego; M.A., C. Phil., University of California, Santa Barbara
- Plug, Michelle** (2006)
Articulation Officer
B.A., CSU Fullerton; M.S., University of La Verne
- Pohl, Claudia** (1999)
Dental Assisting
A.S., Chaffey College; B.A., California State University, San Bernardino
- Rabito, Eric R.** (1994)
Dean of Natural & Physical Sciences and Library
B.S., California State Polytechnic University, Pomona; M.A., University of California, Riverside; Ed.D., California State University, Fullerton
- Rachford, Mary Ann** (1997)
Multi-Media
A.A., Pasadena City College; B.A., M.A., California State University, Los Angeles; Ed.D., Azusa Pacific University
- Ramos, Gloria** (2004)
Physical Sciences
B.S., M.S., Florida International University
- Renaghan, Maureen** (2000)
Director of Health Sciences
A.S., Rio Hondo College; B.S., M.S., University of Phoenix; DNP, Case Western Reserve University
- Richard, Levi** (2001)
Business
B.A., M.B.A., Azusa Pacific University; DBA, Alliant International University
- Riderer, Lucia** (2005)
Physics
B.S., Babes Bolya University; M.A., California State University, San Bernardino
- Rivadeneira, Justina** (2001)
Counseling
B.A., M.A., California State University, San Bernardino
- Ross, Glen** (1994)
Political Science
B.A., University of Utah; M.A., Brigham Young University
- Rubio, Mariano** (2012)
Automotive Technology
A.S., Citrus College
- Rudd, Rebecca** (2006)
English
A.A., Orange Coast College; B.A., M.A., California State University San Bernardino
- Ryba, David** (1995)
Physical Science
B.S., Harvey Mudd College; Ph.D., University of California, Santa Barbara
- Saldana, Rudy** (1997)
Philosophy
A.A., Mt. San Antonio College; B.A., California State University, Fullerton; M.A., Claremont Graduate School
- Salwak, Dale F.** (1973)
English
B.A., Purdue University; M.A., Ph.D., University of Southern California
- Sammis, Robert** (2008)
Director of Human Resources and District Chief Negotiator
B.A., California State University, Long Beach; J.D., Glendale University College of Law
- Sanchez, Raul** (2010)
Counseling
B.A., California State University, Sacramento; M.E., University of La Verne
- Scott, Christopher** (1997)
Mathematics
B.S., M.S., University of California, Los Angeles
- Sequeira, Gerald** (2012)
Dean of Admissions and Financial Aid
B.S., J.D., University of California, Los Angeles
- Shaw, Nickawanna** (2006)
Kinesiology
B.A., Mount Holyoke College; M.S., Smith College
- Shimokawa, Kristie-Ann** (2006)
Counseling
B.A., University of Hawaii at Manoa; M.S., California State University, Los Angeles
- Shrope, Douglas** (1994)
Music
B.A., California State University, Los Angeles
- Silva, Andrew** (2012)
Kinesiology
B.A., M.S., California Polytechnic University, San Luis Obispo
- Skalicky, James** (1988)
Psychology
B.S., M.A., Loyola University; Ph.D. Kansas State University
- Slack, Robert** (1987)
Dean of Fine and Performing Arts
A.A., Solano College; B.A., California State University, Chico; M.M., Indiana University
- Smolin, Robert** (2001)
Business
B.A., California State University, Fullerton; M.B.A., California State University, Long Beach
- Solheim, Bruce** (1998)
History
B.A., Campbell University; M.A., Pacific Lutheran University; Ph.D., Bowling Green State University
- Solis, Roberto** (2000)
Computer Science & Information Systems
A.S., National Institute of Technology; B.S., California State University, Los Angeles; M.S., Azusa Pacific University

- Spor, Arvid** (2012)
Vice President of Student Services/Interim Vice President of Academic Affairs
B.S., Oregon State University; M.S., California State University, Long Beach; Ed.D., University of Southern California
- Stoner, Bruce L.** (1978)
Electronics
A.A., East Los Angeles College; Vocational Credential, University of California, Los Angeles
- Styles, Christine** (2008)
Economics
B.A., San Diego State University; M.A., Ohio State University
- Swan, Alfie** (1999)
Mathematics
B.S., M.S., California State University, Los Angeles
- Swatek, Cheryl** (2014)
Kinesiology
B.S., California State University, Long Beach; M.A., National University
- Swatzel, James** (2004)
Mathematics
B.S., University of Redlands; M.A., California State University San Bernardino
- Telesca, Lisa** (1995)
English
B.A., M.A., Loyola Marymount University
- Thomas, Carol** (2012)
Director of Financial Aid
A.A., University of Maryland; B.S., University of Phoenix; M.A., National University
- Tippins, Ralph** (1990)
Mathematics
B.A., Humboldt State University; M.S., Ohio State University
- Trad, Mohamad** (2001)
Mathematics
B.A., M.A., California State University, San Bernardino
- Tucker, Connie** (1991)
English as a Second Language
B.A., Australian National University; M.A., University of California, Los Angeles
- Tucker, Gail** (1990)
Licensed Vocational Nursing
B.S., B.A., Azusa Pacific University
- Van Citters, Beverly E.** (1990)
Reading
B.S., M.Ed., Penn State University; Ph.D., University of Pittsburgh
- Van Horn, Tasha** (1998)
Language Arts/Speech
B.A., M.A. California State University, Fullerton
- Vaughan, John** (1999)
Dance
B.F.A., University of North Carolina at Greensboro
- Villa, Elizabeth** (2004)
Counseling
B.A., California State Polytechnic University, Pomona; M.S., University of La Verne
- Villegas, Laura** (1995)
Counseling
A.A., Citrus College; B.A., California State University, Los Angeles; M.A., University of Redlands
- Villeneuve, Anna** (2000)
English
B.A., M.A., Humboldt State University
- Villeneuve, Theresa** (2000)
Journalism
B.A., University of California, Santa Barbara; M.A., University of Colorado
- Volonte, Daniel** (2004)
Theatre Arts
A.A., Citrus College; B.A., M.F.A., California State University, Fullerton
- Waddington, Brian** (2000)
History
B.A., University of California, Berkeley; M.A., San Francisco State University
- Walz, Sheryl** (2005)
Sociology
A.A., Fullerton College; B.A., M.A., California State University, Fullerton
- Welz, Linda** (2005)
Chief Information Services Officer
B.S., Bowling Green State University; M.S., University of South Carolina
- White, Gailynn** (1999)
Sociology
B.A., M.A., Arizona State University; Ph.D., Capella University
- White, Sheila** (2000)
Mathematics
B.A., M.A., California State University, Fullerton
- Wise, Jody** (2004)
Dean of Kinesiology/Health/Athletics
B.A., University of Nebraska, Kearney; M.S., University of Arizona
- Wong, Julie** (1991)
Licensed Vocational Nursing
C.C.R.N., Amer. Assoc. of Critical Care Nurses; B.S., California State University, Long Beach
- Woolum, James** (1999)
Administration of Justice
A.A., Mt. San Antonio College; B.S., California State University, Los Angeles; M.P.A., University of Southern California
- Wurst, Clifton** (1992)
Adapted Physical Education and Aquatics
B.A., University of Dubuque; M.A., Azusa Pacific University
- Yee, Stephanie** (2008)
Counseling
B.A., University of California, Los Angeles; M.S., California State University, Northridge
- Zhuang, Ying** (1999)
Mathematics
B.S., Gueizhou Institute of Technology; M.S., Jiangsu Institute of Technology; M.S., Oklahoma State University

Faculty and Administrators Emeriti

- ABAS, AUDREY** (2012)
DSP&S Counselor
- ALVARADO, BERTHA** (1994)
Cosmetology
- ANDERSON, FRANK D.** (1987)
Physical Education
- ANDRUS, GEORGEANN** (1996)
Biological Sciences
- ANDRUS, PATRICIA** (1989)
Nursing
- BAGGETT, PAT J.** (2002)
Business
- BAKHIT, KATHY** (2012)
Economics
- BARNEY, PATRICIA** (1998)
Associate Dean of Letters
- BARTEL, BARTON** (1997)
Dean of Faculty
- BARTON, EUGENE** (1994)
Physics/Engineering
- BASONE, NELLIE** (1994)
Cosmetology
- BEAN, ELIZABETH E.** (1967)
Zoology
- BILLUPS, ROBERT E.** (2000)
Mathematics
- BOHATCH, GENE** (2010)
Director of International Trade Center
- BOLLINGER, BEN D.** (2005)
Dean of Fine and Performing Arts
- BOWMAN, GALEN** (1984)
Counseling
- BRADLEY, BETTY L.** (1969)
Dental Assisting
- BRATT, GEORGE** (1988)
Mechanical Technology
- BRIONES, ARTHUR M.** (2004)
Dean of Counseling
- BROOKS, ERVALYN** (2012)
Director of Cosmetology
- BUKOWSKI, MARY** (1999)
Cosmetology
- BULLOCK, ROBERT S.** (2001)
Art
- BURNETT, GARY A.** (2001)
Physical Education
- BUSTIN, P. ELAINE** (1987)
Medical Assisting
- CAIN, PATRICK T.** (2001)
Counseling
- CAMPBELL, WARREN** (1992)
Social Sciences
- CARLSON, FREDERIC** (1998)
Speech, Drama
- CARLSON, GEORGE** (2002)
Astronomy
- CARR, DARRELL** (2013)
Photography
- CARVER, SALLY A.** (2012)
Cosmetology
- CASEY, DAVID** (2012)
Mathematics
- CASSEY, JOHN** (2002)
Social Science
- CHANDLER, DONALD** (1988)
Cosmetology
- CLARK, REGINALD** (2005)
English
- CLAPROOD, ROBERT L.** (2004)
Associate Dean of Physical Education Health and Athletics
- CLARK, CLARA** (1995)
Vocational Nursing
- CLINE, GENA B.** (1972)
College Nurse
- COLLATO, FRANCES** (2001)
Director of Foundation and Grants
- COLLETT, WILLIAM** (1983)
Cosmetology
- COLLINS, MARILYN** (2006)
Director of Health Occupations
- COLVILLE, L. HOLLY** (2012)
Spanish
- CONKLIN, AUGUST** (1981)
Biological Science
- CONLY, EDWARD** (1989)
Physical Education
- CORNETT, WILLIAM** (2009)
Diesel Technology
- COX, MELANIE** (2003)
Dean of Admissions and Financial Aid
- COX, THOMAS C.** (2005)
Automotive Technology
- CULBERTSON, PATRICK** (2008)
English as a Second Language
- CUMMINGS, SHULING** (2011)
Mathematics
- CUNNINGHAM, MAIA** (2014)
Social Sciences
- CUNNYNGHAM, WANDA** (2008)
Dean of Career, Technical, Continuing and Contract Education
- DAMRON, TERENCE** (2006)
Dean of Science/Engineering and Health Occupations
- DENNINGHOFF, BEULAH** (1982)
Vocational Nursing
- DESIDERIO, ANTHONY** (1994)
Music
- DIAMOND, HELEN** (1987)
Business
- DIAZ, JOSEPH** (1984)
Counseling
- DIMIT, CAROL J.** (2004)
Dental Assisting
- DOLD, JUDY** (1999)
Dental Assisting
- DWYER, JOHN** (1995)
Counseling
- EBERSOLD, LEO** (1959)
Adult Education, Principal
- EDWARDS, NEIL** (2002)
Physical Education
- EDWARDS, ROY G.** (1987)
Mechanical Technology
- EMERICK, SYLVIA** (1983)
Business
- ENDICOTT, HATTIE W.** (1975)
Cosmetology
- ENG, MARILYN** (2011)
Counseling
- ERICKSON, EDITH** (2000)
Foreign Languages
- EVANS, ROBERT** (2009)
Philosophy
- FISHER, CHARLES** (2003)
Cosmetology
- FRENCH, UNA M.** (1959)
Modern Languages
- GARBY, HELEN M.** (1981)
English
- GASS, ADNEY D. JR.** (1987)
Art
- GERFEN, THOMAS W.** (2006)
Interim Dean CSIS
- GORELICK, GLENN A.** (2007)
Biological Sciences

- GRACIAL, LILIAN** (1988)
Foreign Language
- GREER, MAURICE** (2011)
Physical Education
- GREGG, JUDY** (2013)
Human Development
- GUILLAUME, GORDON** (1994)
Mathematics
- GULDBERG, GLENDON R.** (1991)
Vice President of Instruction
- GULLI, JAMES** (2004)
Dean of Physical Education,
Health and Athletics
- HAINLINE, VAN** (1996)
Biological Sciences
- HALCROW, KATHERINE** (2009)
Librarian
- HALLETT, ROBERT** (1983)
Art
- HAMILTON, B. JEANNE** (2011)
Vice President of Student
Services
- HANDY, ROSS** (1984)
Vice President/Assistant to
President
- HARDIN, BOBBYE** (1989)
Counselor/Financial Aid
Director
- HARDING, PEGGY** (2000)
Reading
- HARGETT, GLENN E.** (1978)
Reading
- HARRINGTON, MICHAEL** (2011)
Director of Facilities and
Support Services
- HAUGH, ROBERT D.** (1981)
Superintendent/President
- HARVEY, JOSEPH** (2014)
Language Arts
- HAYDEN, FLOYD S.** (1945)
Superintendent/President
- HERDEG, HAROLD L.** (1952)
Industrial Technology
- HERRING, DENNISON C.** (1979)
Art
- HINRICHSSEN, Greg** (2011)
Director, Haugh Performing
Arts Center
- HODSON, ELLENOR** (2005)
Director of Child Development
Center
- HOLLAND, KIM H.** (2011)
Director of Workforce
Development
- HOLLAND, ROBERT** (1993)
Business
- HORTON, CAROL** (2014)
Vice President, Finance and
Administrative Services
- HUMPHREY, LINDA T.** (2004)
English
- HUNSICKER, KARL** (2007)
Mathematics
- HURLIMANN, PETER** (1994)
Chemistry
- HURTADO, MICHAEL** (2013)
Dean of Social & Behavioral
Sciences
- HUSUNG, WILLIAM** (1988)
Drafting
- ISHIDA, JOE** (1990)
Mechanical Technology
- ITO, TOSHIKO** (1991)
Cosmetology
- JANSS, JACK C.** (2001)
Associate Dean of Liberal Arts
- JENKINS, ROBERT** (1988)
Art
- JENSEN, JAMES M.** (1977)
History, Government, Education
- JOHNSON, ANNE** (1990)
Language Arts
- JOHNSON, ARMIN** (1988)
Photography
- JOHNSON, BERNICE** (2004)
Director of Cosmetology
- JOHNSON, MANLEY** (1988)
Behavioral Science
- JONES, MARIE** (1990)
Vocational Nursing
- KAKUUCHI, JACK H.** (1986)
Physical Education
- KEARNEY, DOROTHY L.** (1981)
Dean of Counseling and
Guidance
- KEITH, EDWIN** (1999)
Business
- KELLY, VINCENT** (1998)
Mathematics
- KELLY, DR. WIN** (1984)
Language Arts
- KERR, MARIANNE** (1995)
Physical Education
- LANGE, LILLIAN** (1982)
Cosmetology
- LEASON, CHRISTOPHER** (1994)
Counseling
- LENGEFELD, UELAINE** (2005)
Language Arts
- LEOS, RONALD** (2007)
Political Science
- LERETTE, CAROLINE** (2009)
Cosmetology
- LEVY, RONALD** (1976)
Psychology
- LINDOERFER, SANDRA** (2008)
Director of Human Resources
- LORENZEN, BETTY JO** (1982)
Dental Assisting
- LUCIDO, GRACE** (2014)
Cosmetology
- LYNCH, MINNIE J.** (1962)
Business
- MADSEN, DONALD L.** (1981)
Vice President - Student
Personnel
- MAGLIOCCO, FRANK** (1983)
Music
- MALONE, JEAN** (2004) - Vice
President of Human Resources
and District Chief Negotiator
- MANGOLD, CAROL** (1983)
Vocational Nursing
- McCRUMBY, ELAINE** (2002)
Business
- McCUSKER, WILLIAM** (2005)
Director of Computer Center
- McDONNELL, ROBERT I., JR.** (1987)
Physics and Engineering
- McKEE, JANE M.** (1977)
Sociology
- McLEOD, IRENE** (1958)
Librarian
- MEAD, RACHEL** (2012)
Cosmetology
- MEDINA, LILIA** (2012)
Director of Financial Aid
- MIRANDI, MIKE** (2014)
Kinesiology
- MERCURIO, BLAS** (1981)
Foreign Languages
- MERCURIO, VINCE** (2014)
Counseling
- MEYERS, BILLY** (1986)
Automotive Technology

- MILLER, KENT** (2004)
Physics
- MILLER, ROBERT** (1983)
Chemistry
- MIER, LEO E.** (1987)
Mechanical Technology
- MOORE, ELANIE** (2010)
Art
- MORRIS, MILDRED B.** (1956)
Business
- MORRISON, JOANNE** (2011)
Mathematics
- MURPHY, JOANNE** (1996)
Business
- NEWBY, BARBARA** (2005)
Interim Director, Child Development Center
- NEWELL, JERRY** (2006)
Psychology
- NUGENT, JAMES R.** (1968)
Mechanical Technology
- PETERSON, DAVE** (2002)
Physical Education
- PRAY, BEVERLY** (2002)
College Nurse
- PRIBBLE, GENE** (2003)
Business
- PURDUM, MARGARET** (1950)
Dean of Women, Language
- RALLS, WILLIAM** (2003)
Physical Education
- RAMOS, CAROLYN** (1990)
Art
- RAMPOLDI, NELLY** (1991)
Foreign Language
- RAWSON, JAN** (1990)
Language Arts
- REYNOLDS, R.E. (Mack)** (1967)
Coordinator of Distributive Education
- RIDAY, GEORGE** (2003)
Behavioral Sciences
- RINGLAND, GEORGE V.** (1971)
Language Arts
- ROLLIN, ARNOLD** (2007)
Dean of Students
- ROMERO, ISAAC J.** (1994)
Executive Vice President of Instruction
- ROY, JOHN** (1983)
Drafting
- RUGELEY, BARBARA** (2010)
Librarian
- SANDHAGEN, ROBERT** (2002)
Cosmetology
- SANGER, C. SALLY** (2004)
Behavioral Science
- SARCHETT, EVELYN** (1988)
School Nurse
- SCHAUDT, JOLYNN** (1988)
Music
- SCHNEIDER, DAVID** (2005)
Interim Director of Computer Center
- SCHOTT, HENRY A.** (1953)
Industrial Technology, Coach
- SCHREIBER, WILLIAM** (2003)
Economics
- SHANNON, JAMES** (2013)
Psychology
- SHARPSTEEN, MILDRED** (1989)
Library
- SHIREY, KEITH** (1998)
Philosophy and Political Science
- SMALL, MICHELLE C.** (2003)
Director of Publications and Student Recruitment
- SMITH, BARBARA** (1993)
Counseling
- SMITH, GRANT L.** (1972)
Vice President, Asst. Supt. Business
- SMITH, MARJORIE** (1983)
Physical Education, Health, Athletics
- SMITH, TERRY R.** (2000)
Transportation Technology
- SMITH, WESLEY** (1958) - Social Sciences
- SMYTH, EDMUND O.** (1976)
Vice President - Student Personnel
- SMYTHE, SYLVIA** (2007)
Director of College Success
- SNYDER, EDWARD C.** (1956)
Engineering, Physics
- SOREMEKUN, FOLA** (2012)
History
- SPAUN, JACK** (2003)
Behavioral Science
- STEPHENS, JUNE** (2012)
Executive Director of Development and External Relations
- STEVENS, MARSCHALL** (1996)
Biological Sciences
- STRYCUDA, JOHN A.** (1987)
Physical Education, Health, Athletics
- STURGES, DAVID** (1958)
Biology/Life Science
- SUNDSTRAND, LYNDON** (1994)
Associate Dean of Instruction
- SWOPE, LAURA P.** (1956)
Art
- TAYLOR, EUGENE** (1992)
Political Science
- TAYLOR, ROGER** (1994)
Foreign Languages
- TEFFT, THOMAS** (2000)
Dept. Chair Art/Social Sciences
- TELLENBACH, ERIC** (1999)
Associate Dean Mathematics & Computer Science
- THOMAS, JAMES C.** (1978)
Electronics
- THOMAS, LEO** (1985)
Vice President/Instruction, Behavioral Science
- THOMPSON, JOHN** (2009)
Dean of Library
- THOMPSON, MYRTLE** (1992)
Health Occupations
- THROSSELL, JOY** (1988)
Cosmetology
- TRENT, DEE** (1994) Geology and Physical Geography
- TRONAAS, EDWARD** (1993)
Executive Vice President of Instruction
- TUSSY, ALAN S.** (2013)
Mathematics
- ULRICH, WILLIAM** (1990)
Language Arts
- VANIMAN, GLENN G.** (1967)
Superintendent/President
- VAUGEOIS, FRED** (2001)
Director of Facilities and Support Services
- VIERA, MICHAEL J.** (2008)
Superintendent/President
- VINCENT, THEODORE J.** (1975)
Astronomy
- WALDORF, EUGENE H.** (1983)
Physical Science

- WATERS, H. P.** (1985)
Handicapped Enabler/Dean of Student Activities
- WATKINS, D. JOAN** (1991)
Vocational Nursing
- WHITE, JOAN E.** (1981)
English and Philosophy
- WILLIAMS, JAMES D.** (2005)
Interim Vice President of Instruction
- WILSON, HAMILTON** (1989)
Cosmetology
- WOOD, JACK** (2011)
Language Arts
- WISDOM, ALINE CROWLEY** (1979)
Librarian
- WOODWARD, DIANE** (2008)
Fine Arts/Dance
- YOUNG, OLGA** (2000)
Counseling
- ZAHAREK, JAMES** (2011)
Administration of Justice
- ZAREMBINSKI, MILADA I.** (1974)
Foreign Language
- ZAVIDOWSKY, BERNARD** (1988)
Language Arts
- ZELLERS, LOUIS E.** (2003)
Superintendent/President

Definitions of Terms

Application for Admission—An online form on which the student enters identifying information and requests admittance to a specific semester or session. An application must be filed and processed before registration is allowed.

ASCC Sticker—Membership sticker of the Associated Students of Citrus College purchased each semester.

Associate Degree (A.A. or A.S.)—A degree (associate in arts or associate in science) granted by a community college which recognizes satisfactory completion of an organized program of study consisting of at least 60 to 64 semester units.

Bachelor's Degree (B.A., A.B., or B.S.)—A degree granted by a four-year college or university which recognizes a student's satisfactory completion of an organized program of study consisting of at least 120 to 130 semester units.

Certificate of Achievement—A certification granted by a community college which recognizes satisfactory completion of an organized program of study in occupational fields.

Class Section—One offering of a particular course at a particular time and location. At Citrus College each section has a course reference number (CRN) which indicates the schedule of class meeting time.

College of Completion—A Citrus College initiative that provides the academic resources and services students need for associate degree and certificate completion, transfer, and career preparation.

Community College—A two-year college offering a wide range of programs of study, many determined by local community need.

Counseling—Guidance provided by professional counselors in collegiate, vocational, social and personal matters.

Course—A particular portion of a subject selected for study. A course is identified by a subject title and course number; for example: Accounting 101.

Course of Study—A group of courses planned to lead to competence in a particular field of study and the associate degree.

Course Title—A phrase descriptive of the course content; for example, the course title of Accounting 101 is "Principles of Accounting."

Credit by Examination—Course and/or unit credit granted for demonstrated proficiency in a given area.

Credit/No-Credit—Completion of a course with credit granted but no grade.

Deficiency—Grade Point Deficiency: whenever a student's grade point average is less than 2.0; Subject Deficiency: whenever a student lacks a course or courses required for admission, graduation or transfer.

CRN Number—A course reference number assigned to each course section to differentiate the section by class meeting, day, and time.

Department—A division of the college that offers instruction in a particular branch of study, or an office that provides student services or administrative support.

Electives—Courses which a student may choose that are not required for a particular major program or general education requirements.

Enrollment—The process where students select classes by section number to reserve a seat in the class and be placed on the class roster.

Enrollment Priority—The order of registration appointments issued to students. For more information, see the Board of Trustees Administrative Policy 5055, which can be found on the college website.

Families—A group of courses that provide similar educational experiences. Citrus College students are permitted four "experiences" within any given course family.

General Education Requirements—(also called Breadth Requirements). A specific group of courses selected from several divisions which are required for graduation and are designed to broaden a student's education.

Grade Points—The numerical value of Citrus College letter grades are: A=4, B=3, C=2, D=1, F=0.

Grade Point Average—A measure of academic achievement used in decisions on probation, graduation and transfer. At Citrus College the G.P.A. is determined by dividing the total degree applicable course grade points by the number of attempted degree applicable

course units in which letter grades of A, B, C, D, or F are recorded.

Grade Point Deficiency—Possession of fewer grade points than twice the units attempted.

Lower Division—Courses at the freshman and sophomore level of college.

Major—A subject of college study selected by a student as a field of specialization.

Nonresident—A student who, based on their application responses, is not eligible for California residency.

Pass/No Pass—Students can choose to be evaluated on a grading basis in courses approved for this option. A student must declare the option by no later than 30% of the term, or the fourth Friday of a full semester course by filling out a Pass/No Pass petition in the Admissions and Records Office.

Placement Test—Tests given prior to admission which are used to assist students in selecting the most appropriate classes.

Prerequisite—A requirement that must satisfy before enrolling in a particular course, usually a previous course, a test score or consent of instructor.

Probation—A trial period in which a student must improve scholastic achievement.

Registration—The process of enrolling in specific class sections.

Resident—A student who, based on their application responses, is eligible for California residency.

Residence Determination

Date—The day immediately preceding the opening day of instruction for any semester or session.

Schedule of Classes—A booklet or online web pages used during registration giving the subject title, course number, course title, units, time, instructor and location of all classes offered in a semester.

Semester—One-half of the academic year, usually 16 weeks.

Session—A term that is not a semester, typically less than 16 weeks.

Transcript—An official list of all courses taken by a student at a college or university showing the final grade received for each course.

Transfer—Changing from one collegiate institution to another after having met the requirements for admission to the second institution.

Transfer Courses—Courses for students planning to transfer to a four-year college/university. Courses transferable to the California State University system are indicated by "CSU" and those transferable to the University of California are indicated by "UC" next to the course number in this catalog.

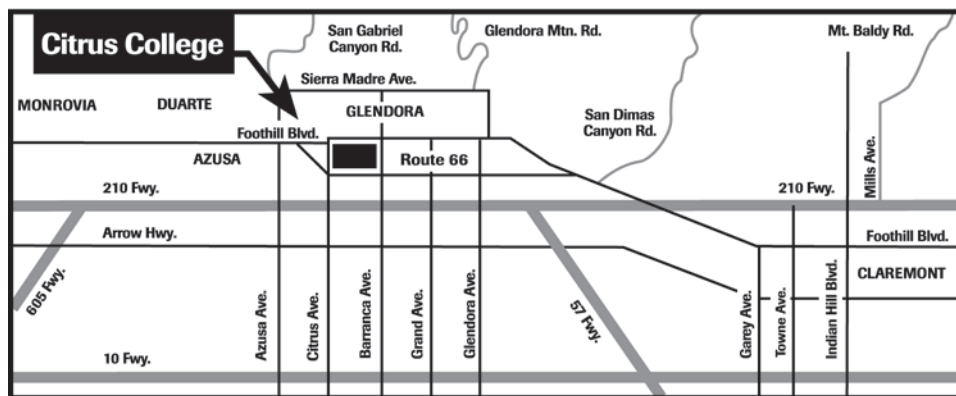
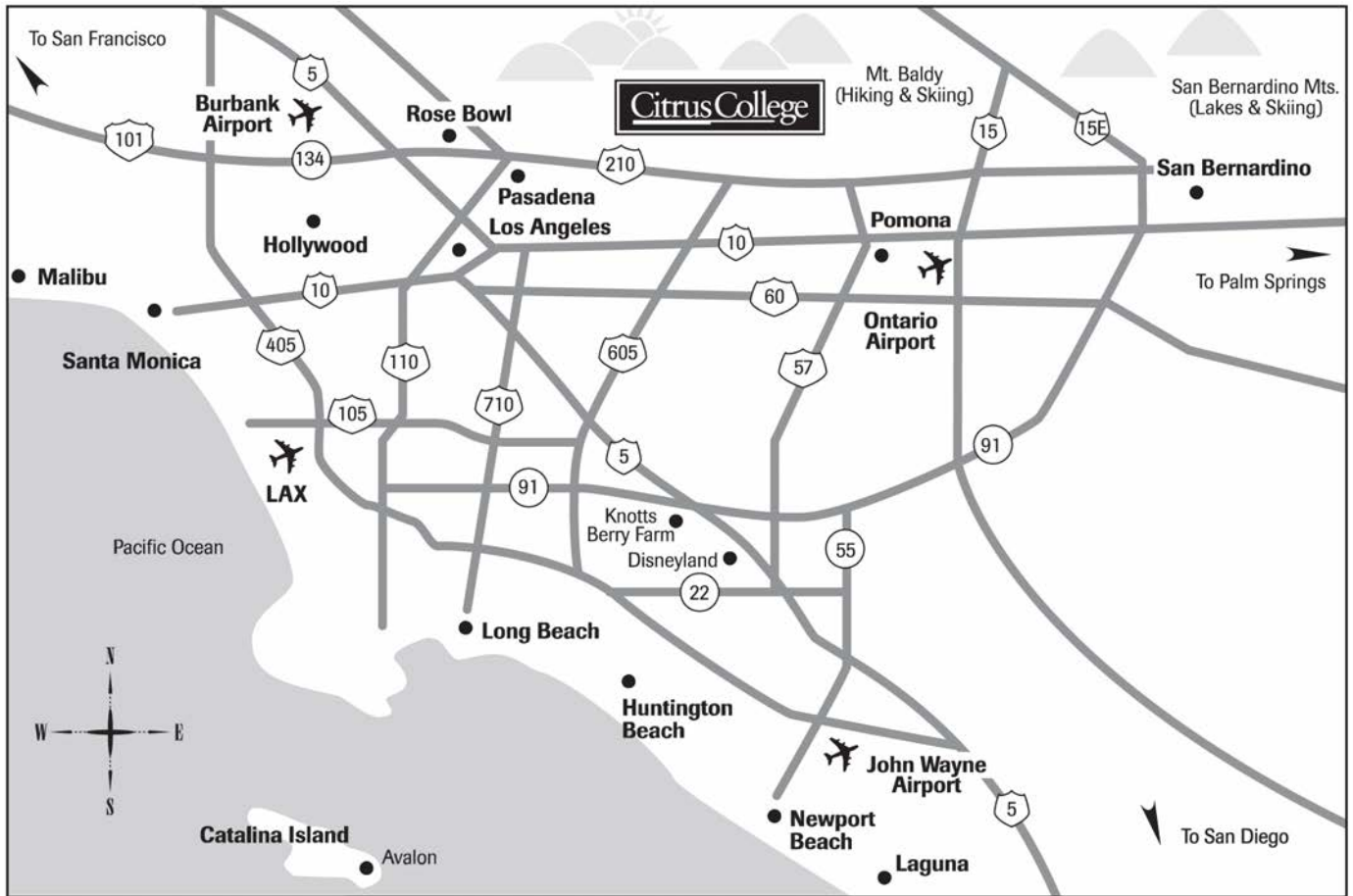
Transferable Units—College units earned through satisfactory completion of courses which have been articulated with four-year institutions.

Units—The amount of college credit earned by satisfactory completion of a specific course taken for one semester. Each unit represents one hour per week of

lecture or recitation, or three hours in laboratory or other exercises not requiring outside preparation. In general, two clock hours of preparation outside of class are necessary for each unit of class lecture or recitation in academic subjects.

Units Attempted—Total number of units in the course for which a student has enrolled and has received a grade of A, B, C, D, F, W, C, or NC.

Freeway Map



Maps are not to scale. All visitors must display a parking permit available for \$5 from the information booth at the main campus entrance and the Automated Pay Stations, located in the S1, S2, S3, S4, S5, S6, S8, and S9 parking lots. Handicapped parking is available in every lot. To use handicapped parking, you must have a DMV placard.

A

AB 540 Students 16, 25, 29, 55
 Absences 34
 Academic Calendar 7
 Academic Divisions, Departments and Subjects 179
 Academic Freedom 277
 Academic Honesty 277
 Academic Honors 48
 Academic Policies and Requirements 34
 Academic Records 49
 Academic Renewal 49
 Academic Symbols and Grades 34
 Accounting 139, 182
 Accreditation and Affiliations 8
 Achievement Awards 48
 Add Codes, Misuse of 18
 Adaptive PE/Fitness Center 59
 Adding and Dropping Classes 34
 Administration of Justice 89, 103, 139, 166, 182
 Administrative Office Occupations 140
 Admissions 15, 24
 Admissions, How to Apply 15
 Admissions and Records 50
 Advanced Placement 41
 Alpha Gamma Sigma 48
 Alumni 9
 Anthropology 166, 184-185
 Application for Graduation 75
 Aquatic Center 59
 Architecture, Architectural Design 140, 185-186
 Art 186
 Art & Coffee Bar 59
 Art–Fine Arts 167
 Art Gallery 59
 Assessment and Orientation 21-22
 Associate Degrees 63, 67
 Associate Degrees, Transfer 67, 75
 Associated Students of Citrus College (ASCC) 57
 Astronomy 167, 191
 Athletic Eligibility 50, 277
 Athletics Facilities 59
 Athletics: The Fighting Owls 50
 Attendance Policy 34
 Audio Recording Technology 127, 141, 260-261
 Auditing Courses 34

Automotive Technology 103, 167, 191-194

B

Biological and Physical Sciences (and Mathematics) 104
 Biological Sciences 106
 Biology 167, 194-195
 Board of Trustees 5
 Bookstore 50
 Bursar 60
 Business 106, 168, 196-197
 Business Administration 89

C

California Residents 16
 California State University 76
 CalWORKs 51
 Campus Center 59
 Campus Disturbances 277
 Campus Facilities and Learning Resources 59
 Campus Safety 51, 281
 Cancelled Classes 20
 Career/Transfer Center 58
 Cashier 51, 60
 Catalog Rights 281
 Center for Teacher Excellence 51
 Ceramics - One Year, Two Year 145
 Certificates of Achievement 138
 Cheating 277
 Chemistry 168, 197-198
 Child Development 107, 145, 168, 198-202
 Class Schedules 17
 Code of Conduct 277
 College Level Examination Program 39, 41
 College Policies and Rules 277
 College Success Program 59
 College Success Center 61
 Commercial Dance 148
 Communication Studies 90
 Communications 169, 203-204
 Community Education 164
 Computer Aided Design 148
 Computer Generated Imagery 149
 Computer Information Systems 202-203
 Computer Labs 62
 Computer Science and Information Systems 169, 208-209
 Continuing Education 164, 179
 Continuing Student 18

Continuous Enrollment 281
 Cooperative Education 269
 Core Competencies 68
 Cosmetology 108, 149, 169, 179, 205-207
 Counseling (courses) 169, 208
 Counseling & Advisement Center 52
 Counseling/Advisement 21, 179
 Course Code Directory 180
 Course Descriptions Guide 181
 Course Repetition 37
 Credit by Examination 39-41
 Credits, Grades and Academic Status 34

D

Dance 108, 170, 209-212
 Dean's List 35
 Definitions of Terms 293
 Dental Assisting 108, 150, 170, 212-213
 Department Directory 11-14
 Digital and Web Design 109, 150
 Disabled Students Programs & Services (DSP&S) 52, 214
 Distance Education (online classes) 19
 Drafting, Design Technology 110, 170, 213-214
 Driving and Parking 279
 Dropping Classes Online 17
 Drug Free Policy 277

E

Early Childhood Education 91
 Early Decision Program 15
 Earth Science 170, 214-215
 Economics 170, 215-216
 Elementary Education 92
 Emergency Management and Homeland Security 111, 151, 216
 Emergency Medical Technician 160, 171
 Emerging Theatre Technologies 151
 Energy Systems Technology 221
 Engine Rebuilding and Machining 160
 Engineering 219
 English 93, 171, 217-219

English as a Second Language
162-163, 171, 219-221

English Literature 111

Enrollment Priority 17

Enrollment Verification 19

EOP&S/CARE 32, 52

ESL Lab 61

Esthetician 152, 171

Ethnic Studies 221

F

Faculty and Administrators 283

Faculty and Administrators

Emeriti 289

Families, Course 37-38

Fee Refund Policy 20, 51

Fees and Expenses 19

Financial Aid 53

Fine and Performing Arts 60, 112,
179

Food Services 56

Foreign Languages 172, 179

Forestry, Wildland Resources 157,
172, 222

Foundation 9

G

General Education and Graduation
Requirements 69

Geography, Cultural 222

German 223

Golf Driving Range 60

Grades 34

Grades, Minimum Requirements
34

Grades, Non-Evaluative 35

Grievance Procedures 279

H

Hazing 279

Health Center 56

Health Occupations 223

Health Sciences 179, 223

Health Service Fee 19

Heating and Air Conditioning 275

High School Students, Classes for
15

History 94, 172, 223-225

History (college) 8

Honor Societies 48

Honors at Graduation 48

Honors Program 48

Home Health Aide 160

How to Apply 15

Humanities 172, 225-226

I

IGETC 84-87

In Progress 35

Incomplete 35

Infant and Child Development

Associate Teacher 160

Información en Español 24-33

Information Technology 152, 172,
226

Institutional Learning Outcomes
166-178

Institutional Memberships 6

Instructor Drop 34

International Baccalaureate (IB)
41

International Student Admission
15

International Student Center
57

J

Japanese 227

Journalism 96

K

Kinesiology (P.E.) 96, 115-116,
173, 179, 227-234

L

Language Arts 116-118, 179

Leadership Class 234

Learning Center 61

Liberal Arts 118-124

Library Services 61-62

Linguistics 234

Literature 153

M

Map, Freeway 295

Map, Street inside back cover 295

Mathematics 97, 173, 179, 234-236

Matriculation 21

Medium and Heavy Truck Service,
Diagnosis and Repair

Technology 124, 154, 238

Microsoft Office 160

Military Withdrawal 35

Mission Objectives 8

Mission Statement 8

Motorcycle Technology 154, 237

Multiple Degrees 75

Music 125, 174, 238-248

N

Natural History 174, 248-249

Non-Evaluative grades 35

Noncredit Classes 162-164, 269-
276

Noncredit Education 164, 175

Nondiscrimination Policy 281

Nonresident Tuition 16

Nonresidents (AB 540) 16, 25, 29,
55, 84

Notice of Satisfactory/
Unsatisfactory Work 35

Nurse Assistant 161, 175, 249

Nursing, Registered 128, 249-250

Nursing, Vocational 136, 156, 178,
250-252

O

Office Clerk 161

Office Technology and Computer
Applications 175, 252-253

Online Degrees 75

Open Enrollment 281

Orientation 21-22

P

Pass/No Pass Courses 39

Paying for Classes 17

Phi Theta Kappa 48

Philosophy 175, 253

Photography 126, 155, 176, 254

Physical Education (Kinesiology)
96, 115-116, 173, 179, 227-234

Physics 98, 176, 254-255

Plagiarism 277

Political Science 99, 176, 256

Prerequisites, Co-Requisites, and
Recommendations 23

President's List 35

Probation, Dismissal and
Reinstatement 36

Program Changes (Adding and
Dropping Classes) 34

Programs of Study 63-66

Programs of Study Leading to an
Associate Degree 67

Programs of Study Leading to a
Certificate of Achievement
138

Programs of Study Leading to a
 Skill Award 159
 Progress Indicators of Noncredit
 Courses 35
 Psi Beta 48
 Psychology 100, 177, 256-258
 Public Works 127, 177, 258-259
 Public Works I 155
 Public Works II 156

R

Reading 259
 Readmission 37
 Real Estate 260
 Recording Technology (Audio)
 127, 141, 177, 260-261
 Registration 17
 Report Delayed 35
 Residency Requirement 16
 Returning Student 18

S

Sexual Harassment and Sexual
 Violence Prevention 279
 Skill Awards 159-161
 Social and Behavioral Sciences
 122, 132-134, 179
 Sociology 101, 177, 261-262
 Spanish 262-263
 Speech 178, 263
 Standards of Conduct 278
 STEM Center 62
 Student Activities and
 Organizations 57
 Student Classification 17
 Student Employment Services
 57
 Student Financial Obligations 20
 Student Government and Student
 Affairs 57
 Student Representation Fee 19
 Student Rights and Privacy Act 282
 Student Right-to-Know 282
 Student Service Fee 19
 Student Services Division 14
 Student Success and Support
 Program 21
 Study Abroad Program 62
 Substance Abuse Policy 280
 Superintendent/President's
 Message 5

T

Technical Services 62
 Testing Center 61
 Theatre Arts 102, 135, 178, 264-
 268
 Theatre Arts - Acting Emphasis
 135
 Theatre, Emerging Technologies
 138, 151-152
 Transcripts 16, 17, 49
 Transfer Policies and Guidelines
 83
 Tutorial Services 61

U

Unit Limitations 18
 Units 34
 University of California 83

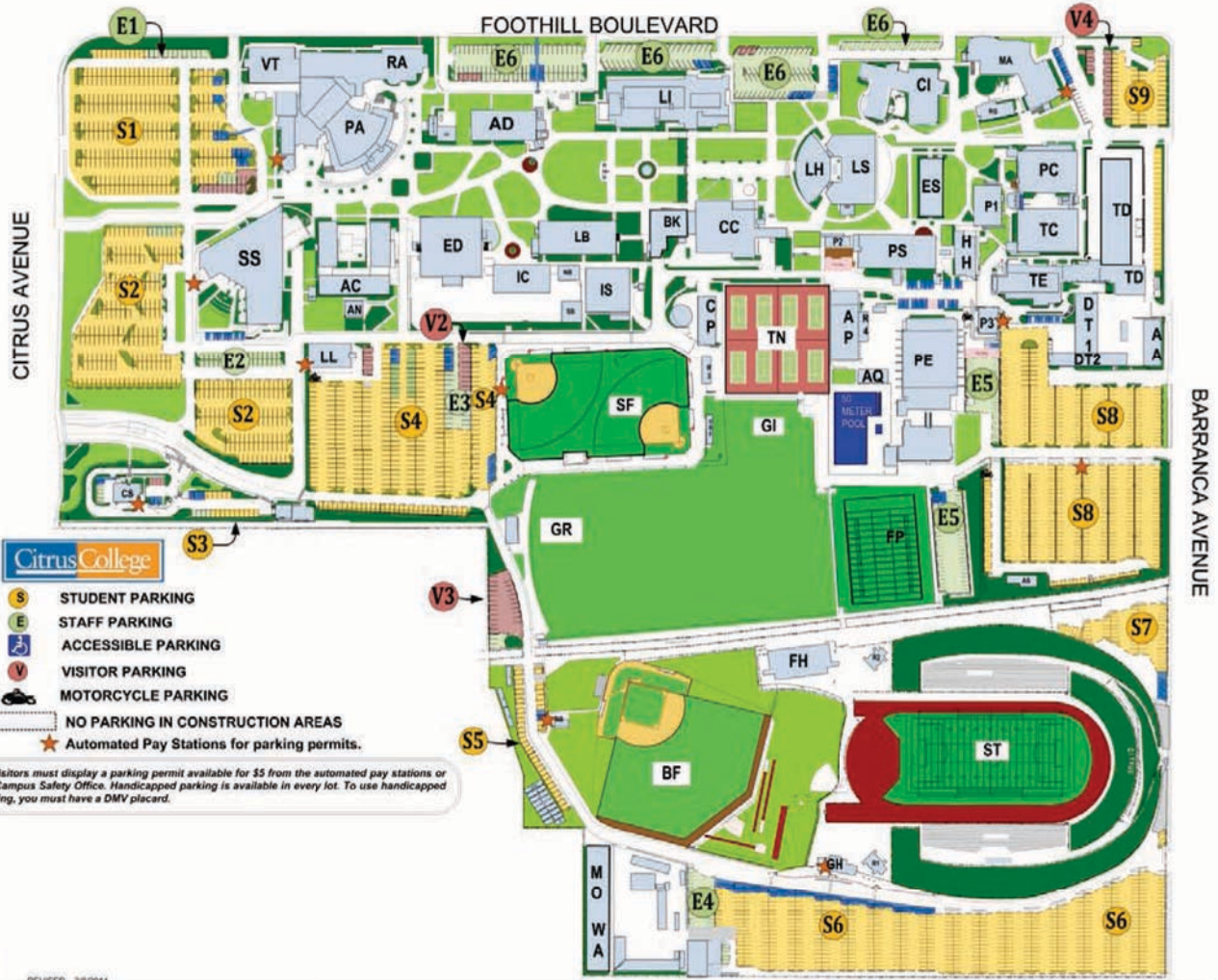
V

Veterans Benefits 55-56
 Veterans Success Center 58
 Vision and Values 9
 Vocational Nursing 136, 156, 178,
 250-252

W

Waitlist 18
 Water Technology 137, 157, 178,
 268-269
 Wildland Resources, Forestry 157,
 172, 222
 WingSpan 18
 Withdrawal, Class 35
 Writing Café 61
 Writing Competency 158

Citrus College Campus Directory



Buildings

| | |
|--|------------------------------------|
| AA..... Automotive Annex | LH Lecture Hall |
| AC Art Center | LI Hayden Library |
| AD Administration | LL Lifelong Learning Center |
| AN Annex | LS Life Science |
| AP..... Adaptive Physical Education | MA Mathematics/Sciences |
| AQ..... Aquatics | MO..... Maintenance/Operations |
| BF..... Baseball Field (FLD 2) | NB..... North Bungalow |
| BK..... Owl Bookshop | P1 Portable #1 |
| CC Campus Center | P2 Portable #2 |
| CI Center for Innovation | P3 Portable #3 |
| CP Central Plant | PA Performing Arts Center |
| CS Campus Safety | PC Professional Center |
| DT 1.... Diesel Technology | PE..... Physical Education |
| & DT 2 (formerly Tech G) | (formerly Main Gym) |
| ED Educational Development Center | PS..... Physical Science |
| ES..... Earth Science | RA Recording Technology |
| FH..... Field House | RG..... Reprographics (Print shop) |
| FP Football Practice Field (FLD 5) | SB..... South Bungalow |
| GH..... Gate House | SF..... Softball Field (FLD 3) |
| GI..... Golf Instruction (FLD 1) | SS..... Student Services |
| GR..... Golf Driving Range | ST..... Stadium (FLD 4) |
| HH Hayden Hall | TC..... Technology Center |
| IC..... Veterans Success Center | TD..... Technician Development |
| IS Information Systems | TE Technology Engineering |
| LB Liberal Arts/Business | TN..... Tennis Courts |
| | VT..... Video Technology |
| | WA..... Warehouse / Purchasing |

Services

| | | | |
|--|----|---|----|
| Admissions and Records | SS | Food Service | CC |
| Associated Students | CC | Foundation | AD |
| Athletics /Kinesiology | PE | Health Center | SS |
| Art and Coffee Bar | SS | Health Sciences | PC |
| Audiovisual | LI | Human Resources | AD |
| Auditorium | PA | Information | SS |
| Board Room | AD | Instruction Office | AD |
| Box Office | PA | International Student Center | SS |
| Bursar..... | AD | Learning Center | ED |
| Business Services | AD | Little Theatre | PA |
| Cafeteria – Owl Café | CC | Noncredit Education..... | LL |
| CalWORKs | LL | Noncredit Matriculation | LL |
| Career/Transfer Center | SS | Nursing | PC |
| Cashier | SS | Outreach | SS |
| Clarion, Student Newspaper | TC | Printing, Reprographics | RG |
| College Advancement | CI | Public Information | AD |
| Community Education | LL | Receiving | WA |
| Computer Center | IS | Receiving, Bookstore | BK |
| Cosmetology | PC | Safety Office | CS |
| Counseling and Advisement Center | SS | Student Affairs | CC |
| Dental Assisting | P1 | Student Employment Services | SS |
| Disabled Students Center | SS | Student Services Office | SS |
| Distance Education | CI | Superintendent/President's Office | AD |
| Esthetician | TC | Swimming Pool | AQ |
| EOP&S | SS | Testing Center | ED |
| External Relations | AD | Transfer Center | SS |
| Facilities Rental | AD | Veteran's Center | IC |
| Faculty / Staff Lounge | CC | Vocational Education Office | TE |
| Financial Aid | SS | | |
| Fitness Center | AP | | |
| FLS Language Centres | P2 | | |

