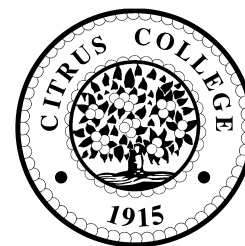


citrus college catalog



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

<p>Welcome to Citrus College: Superintendent/ President's Message 5</p> <p>Board of Trustees 5</p> <p>Institutional Memberships 6</p> <p>2013-2014 Academic Calendar 7</p> <p>Who are We? History, Mission and Community</p> <p>Overview/History 8</p> <p>Accreditation and Affiliations 8</p> <p>Mission Statement and Objectives 8</p> <p>Vision and Values 9</p> <p>Foundation and Alumni 9</p> <p>Citrus College: A College of Completion.....10</p> <p>College Directory 11-14</p> <p>How Do I Get Started? Admission, Registration, Student Success and Support Program</p> <p>Admission 15</p> <p>High School Students..... 15</p> <p>How to Apply 15</p> <p>International Student Admission 15</p> <p>Residency Requirements 16</p> <p>Transcripts 16</p> <p>Class Schedules 16</p> <p>Registration 17</p> <p>Unit Limitations 17</p> <p>WingSpan 17</p> <p>Waitlist..... 18</p> <p>Add Codes..... 18</p> <p>Enrollment Verification 18</p> <p>Distance Education 18</p> <p>Fees and Expenses 19</p> <p>Student Financial Obligations 20</p> <p>Cancelled Classes 20</p> <p>Student Success and Support Program 20</p> <p>Matriculation..... 20</p> <p>Criteria for Exemption from Matriculation..... 20</p> <p>Refusal of Matriculation Services..... 20</p> <p>How Do I Adjust to Campus Life? Assessment, Orientation, and Counseling</p> <p>What is Assessment? 21</p> <p>What is Required Orientation? 21</p> <p>Counseling/Advisement..... 22</p> <p>Prerequisites, Co-Requisites, and Recommendations.... 22</p> <p>Verification of Prerequisites 22</p> <p>Challenging Prerequisites 23</p> <p>Información en Español</p> <p>Admisión 24</p> <p>Esudiantes de la Preparatoria 24</p> <p>Cómo Solicitar Admisión..... 24</p>	<p>Requisitos de Residencia 25</p> <p>Exención para no Pagar la Cuota No-Residente de California (AB 540) 25</p> <p>Cuotas y Costos..... 25</p> <p>Ayuda Financiera 26</p> <p>Asesoría y Orientación Qué es Asesoría? 28</p> <p>EOP&S/CARE..... 29</p> <p>Educación Continua y Educación No-crédito 30</p> <p>Lista de personal que habla español: 30</p> <p>What are the Rules? Academic Policies and Requirements</p> <p>Attendance Policy 31</p> <p>Absences 31</p> <p>Adding and Dropping Classes..... 31</p> <p>Instructor Drop 31</p> <p>Auditing Courses 31</p> <p>Program Changes: Adding and Dropping Classes 31</p> <p>Credits, Grades and Academic Status 31</p> <p>Academic Record Symbols and Grade Points 31</p> <p>Evaluating Academic Progress 32</p> <p>Probation, Dismissal and Reinstatement 32</p> <p>Course Repetition 34</p> <p>New Rules on Course Repeatability and Course Families 35</p> <p>Pass/No Pass Courses 36</p> <p>Credit by Examination 37</p> <p>Citrus College Credit for Advancement Placement (AP) Tests..... 39-44</p> <p>How Does Citrus Recognize High Achievers? Honors Programs and Recognition</p> <p>Academic Honors 45</p> <p>Achievement Awards 45</p> <p>Honors at Graduation 45</p> <p>Honors Program 45</p> <p>Honor Societies 45</p> <p>Who Records My Grades and Credits? Policies Regarding Academic Records</p> <p>Academic Records 46</p> <p>Academic Renewal..... 46</p> <p>Transcripts..... 46</p> <p>Challenge of Educational Records..... 46</p>
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Where Do I Find Help and How Do I Become Involved? Student Services and Student Life

Admissions and Records..... 47
 Athletics 47
 Bookstore 47
 CalWORKs 48
 Campus Safety 48
 Career/Transfer Center 48
 Cashier 49
 Center for Teacher Excellence 49
 Counseling & Advisement Center 49
 Disabled Students Programs & Services 49
 EOP&S/CARE 49
 Financial Aid 50
 Food Services..... 53
 Health Center..... 53
 International Student Center 54
 Student Employment Services..... 54
 Student Government and Student Affairs 54
 Veterans Center 54

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

Adaptive PE/Fitness Center..... 56
 Aquatic Center 56
 Art & Coffee Bar 56
 Art Gallery 56
 Athletics Facilities 56
 Campus Center 56
 College Success Program 56
 Cashier/Bursar’s Offices 57
 Golf Driving Range 57
 Haugh Performing Arts Center 57
 Learning Center..... 58
 The Writing Café 58
 Library Services..... 58
 STEM Resource Center 59
 Study Abroad Program..... 59
 Technical Services and Computer Labs 59

What Majors and Programs Does Citrus College Offer? 62

How Do I Earn a Degree at Citrus College? Programs of Study Leading to an Associate Degree

Requirements for Majors 63
 Degree Programs List 63
 Associate Degrees for Transfer 63
 Core Competencies and Student Learning Outcomes 64

Graduation Requirements for an Associate Degree..... 65

Associate in Art and Associate in Science Degrees 65
 Associate in Art and Associate in Science Degrees for Transfer 66

General Education Philosophy and Requirements 66
 Application for Graduation 70
 Planning for Transfer..... 71
 California State University..... 71
 University of California 78
 Intersegment General Transfer Curriculum (IGETC) 79
 Associate Degrees..... 84
 Associate Degrees for Transfer..... 84
 Associate Degrees (A.A. and A.S.) 96

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

Program Listings..... 128
 Programs of Study 129

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

Program Listings..... 147
 Programs of Study 149

Does Citrus Offer Courses for Growth and Development? Continuing Education

Continuing Education, Noncredit Education and Community Education 150

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

Subjects by Division and Department..... 151
 Course Code Directory..... 152
 A Guide to Understanding the Course Descriptions 153

Course Descriptions

Credit Courses 155
 Non-Credit Courses 246

College Policies and Notices: Rules for Safety and Success

Academic Freedom Statement..... 254
 Academic Honesty 254
 Athletic Eligibility 254
 Drug Free Policy 254
 Campus Disturbances..... 254
 Cheating and Plagiarism 254
 Code of Conduct 254
 Driving and Parking..... 256
 Grievance Procedures..... 256
 Hazing 256
 Sexual Violence and Sexual Harassment Prevention 256
 Smoking on Campus 256
 Substance Abuse Policy 256

Notices

Campus Safety 258
 Registered Sex Offender Information 258
 Catalog Rights 258
 Continuous Enrollment..... 258
 Nondiscrimination Policy 258
 Open Enrollment 258
 Public Safety 259
 Student Rights and Privacy Act 259
 Student Right-to-Know 259

Faculty and Administrators 260

Faculty and Administrators Emeriti 266

Definitions 270

Maps..... 272

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

I am pleased you have chosen Citrus College to be a part of your educational journey. The fact that you are reading this catalog indicates you are intentional about pursuing and completing your college education. You are a part of the College of Completion!



The Citrus College Catalog provides important information that you will need from application to graduation. When you refer to the college catalog and seek the advice and counsel of the faculty and staff, you become empowered to earn an associate degree, receive a career and technical certificate of achievement, transfer to a four-year college or university—or achieve a combination of these opportunities.

Citrus College has a 98-year tradition of producing graduates who succeed in many academic and career areas such as business, science, fine and performing arts, journalism, athletics, education, and public service. The college is consistently recognized as one of the nation's leading community colleges in awarding associate degrees, and it ranks among the country's top 50 community colleges in associate degrees granted to Hispanic students. In fact, last June the college conferred 1,508 associate degrees, breaking its record for the third consecutive year!

The college's faculty and staff are dedicated to providing the finest community college education available, while preparing you to take advantage of the higher education and career opportunities that await you. We look forward to helping you achieve your goals, and we wish you a productive and successful experience here at Citrus College.

Sincerely,



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

Citrus Community College District Board of Trustees



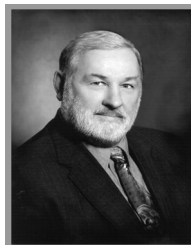
Mrs. Susan M. Keith
Vice President
*Claremont and portions of
Pomona and La Verne
Representative*



Dr. Patricia Rasmussen
Member
*Glendora and portions of
San Dimas Representative*



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



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



Dr. Gary L. Woods
Clerk/Secretary
*Azusa and portions of
Duarte Representative*



Ms. Marianna Vega
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 Athletic Association

Claremont Chamber of Commerce

Duarte Chamber of Commerce

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

Society of Professional Audio Recording Services

Specialty Equipment Market Association (SEMA)

Western States Conference

2013-2014 Academic Calendar

Please refer to the Schedule of Classes for registration deadlines

Fall Semester 2013
August 23-December 14

August 23 Convocation
August 24 & 26 Instruction Begins
 Aug. 31 & Sept. 2 Labor Day Holiday
 November 9 & 11 Veterans Day Holiday
 November 28-30 Thanksgiving Holiday
 December 9-14 Final Exams
 December 16- January 3 Winter Break

Winter Session 2014
January 6-February 13

January 6 Instruction Begins
 January 20 Dr. Martin Luther King Jr. Holiday
 February 13 Instruction Ends

Spring Semester 2014
February 18-June 14

February 14 & 17 Presidents' Day Holiday
 February 18 Staff Development Activities
February 19 Instruction Begins
 April 14-19 Spring Break
 May 24 & 26 Memorial Day Holiday
 June 7-13 Final Exams
 June 14 Commencement

Summer Session 2014
June 23-August 14

June 23 Instruction Begins
 July 4 Independence Day Holiday
Although many six week classes will end Thursday, July 31, eight week classes end Thursday, August 14.

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



Citrus College's first graduating class, 1917.

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 (AACC) 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.



Members of the Citrus College Class of 2013

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.

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 2012, the Foundation awarded 221 scholarships and grants valued at over \$127,000. 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 initiated

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

Carol R. Horton

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, 914-8002
Sunny Liu, 852-8038

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

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

Dean

Administrative Secretary

Articulation Officer

Athletics Counselor

Career/Technical Education Counselor

Career/Transfer Center Coordinator

Center for Teacher Excellence Coordinator

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

Noncredit/Credit Counseling and Matriculation Counselor

Nursing Program Counselor

STEM Counselor/Coordinator CSUF(STEM)²

STEM Counselor/Coordinator CSUF(STEM)²

STEM Counselor (RACE to STEM)

STEM Counselor (RACE to STEM)

Veterans Counselor

Dr. Lucinda Over

Cynthia Patino, 914-8541

Michelle Plug, 914-8637

Alicia Longyear, 914-8662

Grace Kim, 914-8732

Raul Sanchez, 857-4064

Deanna Smedley, 857-4078

Claudia Castillo, 914-8537

Barry Gropp, 914-8530

Jennifer McLeod, 914-8677

Robin McBurney, 914-8542

Sara Gonzales-Tapia, 914-8556

Stephanie Yee, 914-8638

Coe Lamoureux, 914-8548

Kristie Shimokawa, 852-8021

Eileen Sin, 914-8791

Emily Versace, 914-8716

Debbie Boudreau, 914-8716

Becky Iott, 852-6419

Raul Rodriguez, 852-6419

Laura Villegas, 852-6421

Student Affairs

Athletic Eligibility, Bookstore, Campus Safety, Food Services, International Student Center, School Relations and Outreach, Student Business Office, Student Conduct, Student Life and Leadership Development, Student Health Center, Veterans 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 Center Project 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, Registration, Student Success and Support Program

Admission

Citrus College is an open access institution, offering admission to high school graduates or persons who are at least 18 years of age and 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 file a Change of Status - High School Student to First-Time Freshman Form.

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 Non-credit 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, known as the residence determination date, 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

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.

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.

Important: Loss of Priority Registration

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

their educational goals.

Beginning fall 2014, the following students will receive enrollment priority:

- **New** students who have completed college orientation and assessment, and have developed educational plans
- **Continuing students** in good academic standing who have not exceeded 100 units

The following students will **continue to receive enrollment priority**:

- Active-duty military and veterans
- Current and former foster youth
- Extended Opportunity Programs and Services (EOP&S) students
- Disabled Students Programs and Services (DSP&S) students

Dropping Classes Online

Students are able to drop classes using WingSpan. Drop/Refund deadlines apply. If you wish to receive a refund for your dropped class, you must have dropped 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 your paid parking pass and/or paid student service sticker, you must return those items to the cashier by the refund deadline(s) for your 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 filed an application and/or enrolled in credit classes at Citrus College.

Continuing Student

You are a continuing student if you registered 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 Citrus College credit classes but have been away 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 3 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 and may have a different limit. Check with the department for information.

How Does the Waitlist Work?

- 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 you the option to place yourself on the list.
- **The waitlist option is not automatic.** Students on the waitlist may have a chance to register for the class based on their position on the list.

- **Being on a waitlist does not guarantee enrollment.**
- Students on the waitlist will be contacted via their **Citrus College student e-mail address** if a seat opens. **Notification is based on the student's rank on the waitlist.**
- You may view your waitlist position on the WingSpan registration page.
- If you are the first student on the waitlist, you will be the first to have the opportunity to register.
- If you are the second person on the waitlist, you will be the next, and so on.
- Once you are notified, you will have **24 hours** to register for the class through the normal WingSpan registration process.
- **If you miss the 24-hour window to register, you will be removed from the waitlist.**
- When you register for a class or are removed from the waitlist, the waitlist will have an opening and another student may join the list.
- The ability to waitlist will close at midnight on the Sunday prior to the beginning of the term.
- From the first day of class forward, students will need an add code from their instructor to register for the class.
- Add codes will be issued at the instructor's discretion.

Add Codes

An add code may be provided by an instructor to students who were unable to enroll in the class through waitlist. Add codes will be available from the instructor at the first class meeting for both open and closed classes. When an add code is provided, students must

add the class online before the "Last Day to Add," which varies per class and can be found on the Admissions and Records webpage. The instructor has the discretion to issue add codes when he or she has a space available in the class. Add codes may only be used once and become invalid thereafter.

For more details visit www.citruscollege.edu/ar/waitlist.

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.

2013-2014 Fees and Expenses

The enrollment fee is set by the California State Legislature.

Enrollment Fee:	\$46 per unit
International	
Student Tuition*	\$209 per unit
Nonresident Tuition*	\$209 per unit

Campus Service Fees

Health Service Fee	
Fall & Spring	\$19
BOGW Students	\$14
Winter & Summer	\$16
BOGW Students	\$11
Parking Fee	
Fall & Spring	\$50
Winter & Summer	\$25
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.

tion 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 with the parking permit 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.

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.

Student Success and Support Program

What is the Student Success and Support Program?

The objective of the Student Success and Support Program (also known as Matriculation) is to assist students in designing and planning their educational goals. The process begins with admission and ends when the student achieves his/her educational goal.

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 involved 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:

- Orientation services
- Assessment before course registration
- Counseling and other education planning services
- Referrals to specialized support services
- Evaluation of each student's progress and referral to appropriate interventions

The student's responsibility is to:

- Identify an academic and career goal upon application
- Declare a specific course of study after a specified period of unit accumulation, as defined by the board of

governors

- Attend class and complete assigned coursework
- Complete courses and maintain academic progress toward an educational goal and course of study identified in the Student Educational Plan (SEP).

Criteria for Exemption 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. Completed an associate degree or higher from a regionally accredited college;
2. Is enrolled in course work to advance in current job, or to pursue personal enrichment, or to maintain a certificate/license, AND is enrolled in fewer than five (5) units;
3. Completed the assessment/orientation components at another college, with placement scores on file at Citrus College.

Refusal of Matriculation Services

Citrus College strongly believes in the value of its matriculation process. However, the college recognizes the right of students to refuse to participate in its assessment, orientation, counseling and advisement services. Please contact the Counseling and Advisement Center at 626-914-8530, for more information.

How Do I Adjust to Campus Life ?

Assessment, Orientation and Counseling Ensure a Smooth Academic Transition

Assessment and Orientation

What is Assessment?

All new students who are not exempt from Student Success and Support Program activities are required to participate in an assessment, orientation and advisement process. This process is designed to assist students in reaching their educational and career goals.

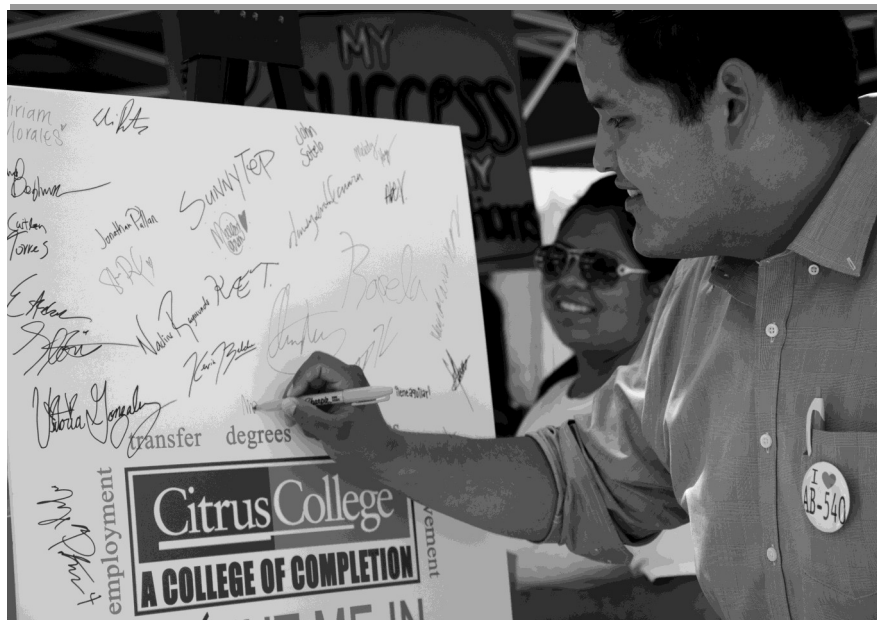
The assessment process at Citrus College provides information regarding language, mathematics skills, and other activities necessary for a successful college experience. Student-reported information is also used, along with available high school and/or college transcripts. Other factors that are used 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.

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. Please contact the Counseling and Advisement Center for more information.



A "College of Completion" supporter.

Students may appeal their English and/or math placement if they can demonstrate alternate proof of course equivalency or competency. If extenuating circumstances exist that may affect course placement, students may seek consultation in the appropriate division office. Students should be prepared to present documentation such as high school or college transcripts, or additional test results. After a student's information is reviewed, preparation placement may be adjusted or a retest may be recommended.

What is Required Orientation?

Effective summer 2010, 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 at: <http://www.citruscollege.edu/schedule/catalog/Pages/default.aspx>

Assessment/Orientation Options

Orientation can be satisfied through any of the following options:

- In-person orientation (recommended for new students)
 - Orientation following assessment
 - Assessment/Orientation held at high schools
 - Early Decision Day at Citrus College (only available through high school districts)

- Online orientation at <http://orientation.citruscollege.edu>
The assessment and orientation process is an effort by Citrus College to provide students with the finest academic advisement and counseling possible. The New Student Assessment/Orientation Session is scheduled throughout the year. For more information, please visit the Assessment Testing Web page, <http://www.citruscollege.edu/stdntsrvt/transcntr/Pages/default.aspx>

Counseling/Advisement

All students are encouraged to meet with a counselor every semester to ensure their educational plan accurately reflects their educational goal.

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 Program 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.

New, non-exempt students are strongly encouraged to see a counselor. If meeting with a counselor is not an option, it is strongly recommended that the student take **COUN 156**,

College Planning Today For Tomorrow; or COUN 159, On Course to Success; or COUN 160 Strategies for College Success during their first semester at Citrus College.

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

Registration is withheld until the workshop is completed.

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

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. 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.

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 educational goal. Counselors also give referrals to appropriate programs and services, both on and off campus.

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 266 must also be taken with DANCE 264.)
- **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 tienen por lo menos 18 años de edad y que cuentan con un diploma de la preparatoria, un certificado 'GED', o un certificado de constancia, o el equivalente. Reglas especiales para los estudiantes de la 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 la preparatoria 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 la preparatoria.

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 cambiar su estatus en el formulario de Estudiante de Preparatoria a Estudiante de Primer Año (High School Student to First-Time Freshman Form).

Admisión para Estudiantes Extranjeros

La Oficina para Estudiantes Extranjeros de Citrus College admite a estudiantes extranjeros que tiene una visa o estén en trámites para obtener una Visa de Estudiante F-1 una vez que se apruebe 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 en computación), 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 la Preparatoria Clases para Estudiantes de la Preparatoria

Citrus College ofrece una selección de programas y clases para estudiantes de la 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 con el requisito del nivel 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, Gladstone, 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 Récords.

Los documentos aceptables de verificación incluyen un diploma de la preparatoria, 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 colectar 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 para los que son no residentes del estado de California, 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 (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 como no residentes que hicieron.

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

Cuotas y Costos de 2013-2014

Las cuotas de inscripción de California son fijadas por la Legislatura Estatal de California y están sujetas a cambios.

Cuota de Inscripción:	\$46
	por unidad
Cuota de Matriculación para Estudiantes Internacionales*	\$209
	por unidad
Cuota de Matriculación para No-Residentes*	\$209
	por unidad

Cuotas de Servicios del Campus

Cuotas de Servicios de Salud	
Otoño & Primavera	\$19
Estudiantes BOGW	\$14
Invierno & Verano	\$16
Estudiantes BOGW	\$11

Cuotas de Estacionamiento

Otoño & Primavera	\$50
Invierno & Verano	\$25

Cuota de Representación para Estudiantes

Otoño & Primavera	\$1
Invierno & Verano	\$1

Cuota de Servicios Estudiantiles

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

*Los estudiantes no-residentes y estudiantes internacionales están requeridos a pagar cuotas de matriculación y cuotas de inscripción por cada unidad.

Adicionalmente, se le puede cobrar cargos adicionales para materiales de instrucción o para otros materiales para algunas clases. Estos materiales incluyen, pero no se limitan a libros, herramientas, equipo y vestimenta.

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 membresía en dicha religión a la oficina del vicepresidente 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 adjunto 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 inscri-

to 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.

Poliza 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 ordenes.

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 cambie 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 debito 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 Récords. 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.

ma 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.

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.

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

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. La Oficina de Ayuda Financiera está ubicada en el edificio de Servicios

Estudiantiles.

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" y a partir del semestre del Otoño del 2013 pueden recibir el subsidio 'Cal Grant'. 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 septiembre 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 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 Servicios 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/stdntsrsv/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 o con otras Fuentes para hacer preguntas sobre los programas de ayuda financiera, el proceso de solicitud, requisitos de elegibilidad y fechas de plazos.

Citrus College

Financial Aid Office

Location: Student Services

Building, Primer piso

(626) 914-8592

financiaid@citruscollege.edu

www.citruscollege.edu/stdntsrsv/finaid

www.citruscollege.edu/stdntsrsv/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

(Línea para sordomudos)

Asesoría y Orientación

¿Qué es la Asesoría?

Se requiere a todos los estudiantes nuevos que no son exentos de las actividades del programa 'Student Success and Support Program' a participar en una asesoría, orientación, o proceso de consejería académica. Este proceso está diseñado para asistir a que los estudiantes logren sus metas educativas y de carreras.

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.

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 una Revisión de la Colocación. Favor de comunicarse con 'Counseling and Advisement Center' para solicitar más información.

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. Si hay circunstancias incontrolables que afectan el nivel de colocación, los estudiantes pueden consultar al departamento apropiado. 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 se 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.

¿Qué es una Orientación Requerida?

A partir del verano del 2010, 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 dentro un plazo de tiempo. 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 en: <http://www.citruscollege.edu/schedule/catalog/Pages/default.aspx>

Opciones para la Asesoría/Orientación

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

- Orientación en persona (se recomienda para los estudiantes nuevos)
 - Orientación después de la prueba de colocación
 - Asesoría/Orientación realizada en la preparatoria
 - Día de Decisión Temprana en Citrus College (está disponible únicamente a través de las preparatorias localizadas en el distrito del colegio)
- Orientación en línea vía Internet <http://orientation.citruscollege.edu>

El proceso de asesoría y orientación

es un esfuerzo de Citrus College para ofrecerles a los estudiantes con la mejor asesoría académica y consejería disponible. La sesión de Asesoría/Orientación para estudiantes nuevos está programada a través de todo el año. Para mayor información, visite la página en Internet de las Pruebas de Colocación en <http://www.citruscollege.edu/testing/Pages/AcademicTesting.aspx>

Consejería/Asesoría Académica

Se exhorta a los estudiantes a que se reúnan con un consejero cada semestre para asegurarse que su plan educativo refleje adecuadamente su meta educativa.

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.

Se recomienda a los **estudiantes nuevos y que no están exentos** a reunirse con un consejero. Si no es posible reunirse con un consejero; se les recomiendan que tomen los cursos **COUN 156, 'College Planning Today For Tomorrow'; o la clase COUN 159, 'On Course to Success'; o COUN 160 'Strategies for College Success'** durante su primer semestre en Citrus College.

Se requiere que los estudiantes que se encuentran en "probation" o probatoria completen un taller en línea de "probation" en <https://orientation.citruscollege.edu> mucho

antes de inscribirse en clases. No se permitirá ninguna inscripción en clases hasta que este taller se haya completado.

Se requiere a los **Veteranos que tienen planeado recibir beneficios de G.I.** hacer una cita con el Centro de Veteranos antes de reunirse con un consejero.

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. Durante el progreso que tiene el estudiante, el plan puede ser cambiado tan frecuente como cambie su meta. Cuando estos cambios ocurren, el estudiante debe reunirse con su consejero para actualizar su 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.

EOP&S/CARE

El programa 'Extended Opportunity Programs & Services/Cooperative Agencies Resources for Education (EOP&S/CARE)' ayuda a los estudiantes de la comunidad que asisten al colegio 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 ayuda con 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 249-255 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) 914-8530.

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 .

Visite el departamento de Educación Continua para mayor información.

Lista de personal que habla español:

Admisiones y los Registros

Julie Miranda
(626) 857-4132
Gerald Sequeira
(626) 914-8519

Carrera y la Transferencia Centrales

Raul Sanchez
(626) 857-4064

Consejería Académica

Claudia Castillo
(626) 914-8537
Laura Villegas
(626) 857-4093

Ayuda Financiera

(626) 914-8592
Guillermo Miranda

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 according to the add/drop dates issued by the Admissions and Records Office.

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
<i>A</i>	Excellent	4
<i>B</i>	Good	3
<i>C</i>	Satisfactory	2
<i>D</i>	Less than satisfactory	1
<i>F</i>	Failing	0
<i>FW</i>	Failing/Withdrawal	0
<i>P</i>	Passing	0
<i>NP</i>	No Pass	0

Indicates that a student ceased participating in a course after the drop date without achieving a final passing grade.

At least satisfactory, units awarded, not counted in grade point average

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.

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 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 who is placed on probation may submit an appeal in accordance with procedures to be established by the superintendent/president.

A student on academic probation shall be removed from probation when the student's accumulated 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.

Notification of Academic and/or Progress Probation:

- A. Each student is entitled to be notified of his/her academic status and the availability of college support services to respond to the academic status before the student is dismissed.

Notification will consist, at a minimum, of the following: After having attempted a minimum of 12 semester units at the end of the semester in which the student's grade point average falls below 2.0 in all units attempted, 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 probation.

- B. At the end of the semester in which the student is enrolled in at least 12 units and the percentage of all units in which the student has enrolled, for which entries of *W*, *I*, *NC* and *NP* reaches or exceeds 50%, a probation notice shall be sent to the student via Citrus College e-mail informing him/her that he/she is on progress probation.

- C. At the end of the fall semester in which the student is on academic or progress probation, a notice will be sent to the student via Citrus College e-mail informing him/her that he/she is subject to dismissal at the end of the spring semester.

Probationary Notification:

- A. The notification advising the student of probation will cover, at a minimum, the significance of being on probation, a referral to a counselor, and description of the services available.
- B. A student who is on academic probation and earns a cumulative Citrus College grade point average of 2.0 or better shall be removed from academic probation status. A student on progress probation shall be removed from probation when the percentage of units in the categories of *W*, *I*, *NC*, and *NP* drop below fifty percent.

Review of Probation Status

- A. A student on probation will be required to complete an online probation workshop

and to take corrective actions to improve academic standing. A student may be limited to the number of units and/or required to enroll in specific courses.

Dismissal Standards of Dismissal

- A. A student who is on academic probation shall be subject to dismissal if the student has earned a cumulative grade point average of less than 2.0 in all units attempted in each of two (2) consecutive semesters. However, any student on academic probation whose most recent semester GPA is 2.0 or higher shall have their record reviewed by a counselor and may be continued on probation. A student who has been placed on probation shall be subject to dismissal if the percentage of units in which the student has been enrolled for which entries of *W*, *NC*, *I*, and *NP* are recorded in at least two (2) consecutive semesters reaches or exceeds fifty percent (50%).

Dismissal Notification:

- A. The notification advising the student that he/she is subject to dismissal will cover, at a minimum, reference to this procedure, explanation of what dismissal means, procedure for reinstatement, and procedure to appeal the dismissal.

Petition for Reinstatement from Dismissal After One Semester

- A. A student who has been dismissed from Citrus

College may file a written petition with the Counseling and Advisement Center after one semester has elapsed since the semester of dismissal. 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.

- B. A petition for reinstatement must be supported with verification of remedial work or evidence of readiness to do successful college work. The student is required 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 an extenuating situation and can prove that this situation affected his/her scholastic performance. Petitions will be accepted on a limited basis prior to the first date of fall registration. To complete the petition process, the student will be required to make an appointment to meet with a counselor. A student may be limited to the number of units he/she can take and/or required to enroll in specific classes. The completed petition, along with a recommendation from the counselor, will be forwarded to the dean of counseling and the dean of admissions for approval.

Prior to making an appointment

with a counselor, the student must provide the following:

- A. Proof of extenuating circumstances that kept the student from succeeding. Some examples of extenuating circumstances (and appropriate proof thereof) are: illness (letter from a physician), death in the family (death certificate of the family member), incarceration (appropriate paperwork), car accident (appropriate paperwork); and change of work hours (work documentation).
- B. A personal statement describing the extenuating circumstance and how the student's school work was affected.
- C. The decision of the dean of counseling and the dean of admissions will be communicated to the student. The dean of counseling will notify the student of the action within 10 working days of receipt of the student's appeal. The student may appeal the decision of the dean of counseling and the dean of admissions in writing to the vice president of student services within 10 working days of the date of notification of the decision of the dean of counseling. The decision of the vice president of student services is final.
- D. If dismissal appeal is granted, the student will be continued 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.

Reinstatement

Reinstatement may be granted, denied or postponed according to criteria contained in administrative procedures.

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.

Reinstatement After Dismissal

A reinstated student must earn a grade point average of at least 2.0 and complete more than 50 percent of all units attempted each semester after reinstatement. This is mandatory until the student has achieved a cumulative grade point average of at least 2.0 and the number of *W*, *I*, *NC*, and *NP* units drops below 50 percent of all attempted units at Citrus College. A reinstated student who fails to meet these criteria will be dismissed again.

Course Repetition

A student may only repeat a course if allowed by one of the provisions outlined in Administrative Policies (AP) 4225, 4227, 4228, and 4229.

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 substandard 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 rules governing community colleges statewide mean that in most cases 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. At the time of this writing the application procedures are still being developed and will be announced through the Citrus College web site, www.citruscollege.edu.

There are also ongoing curriculum changes in other affected areas of the curriculum, especially in Kinesiology, Communications, and Fine and Performing Arts. Some of these are already in place in this catalog, but many are still in development at the time of this writing and so will become available in the Winter and Spring 2014 terms.

Note: These changes do not affect a student's ability to repeat a course to alleviate a substandard grade (*D*, *F*, *NP*, or *W*). Also, these restrictions do not apply to Non-Credit courses.

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 a 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.

In some families there are more than four courses. Regardless, 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, 265

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 147, 151, 153, 159

Resistance Training: KIN 145, 152, 154

Progressive Relaxation: KIN 116

Combatives: KIN 104

Music

Developmental: MUSE 070, 090

Individual Instruction: MUSP 290, 291, 292

Choral: MUSC 106, MUSP 100, 101, 105, 106, 108, 110, 111, 200, 201

Symphonic: MUSP 145, 146

Jazz: MUSC 122, 123

Commercial: MUSC 100, 102, 103, 104, 110, 112, 204

Chamber: MUSC 142, 144, 146, MUSP 115, 120, 121, 133, 134, 136, 138, 140, 141, 162

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

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

Theatre

Technique: THEA 104, 201, 202, 205, 206

Acting Styles: THEA 284, 292

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

Directing: THEA 241

Writing for Stage and Screen: THEA 204

Theatre Production: THEA 210*

Experimental Theatre: THEA 220, 221, 222, 294

Touring and Repertory: THEA 250, 290, 293

*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, in 4 or more semesters
- 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 desig-

nated 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 and has earned twelve units.
- 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 an articulated course.

Credit by Examination/Externally Administered Examination

- The student must be currently enrolled to receive externally administered credit by exam.
- **Advanced Placement**
The District will grant three to ten (3 – 10) units of

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. Subject credit, rather than elective credit, may be granted upon recommendation of the department.

- **International Baccalaureate**

The college will grant three to four (3-4) units of 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 (CLEP)

- The college will grant up to six (6) units 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. Subject credit, rather than elective credit, may be granted upon recommendation of the department.
- 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 is-

sued 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 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.

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. Operational procedures will assist students, with CTE articulated course credit, to enroll and register in the next level course in their program of study upon entry to Citrus College.

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 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. degree general education (GE) and/or major requirements.

Students must have the College Board send AP exam results to the Counseling Department for review of 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.

The next two pages present the credit granted by Citrus College for Advanced Placement (AP) tests. Please note the criteria for a Citrus College associate degree, the CSU GE requirements and the IGETC.

Students must file a Credit by Examination petition for evaluation at the Admissions and Records Office. To qualify for evaluation a student must be currently enrolled at Citrus College. The units earned from AP credit will not apply toward financial aid nor can they be used to satisfy the 12-unit residence requirement for graduation.

Associate Degree: Students should be aware that AP test credit is evaluated by corresponding it to an equivalent Citrus course, e.g. History 108. A student who receives AP credit and then takes the equivalent Citrus College course will have the unit credit duplication deducted prior to being awarded the A.A. degree. If no equivalent exists, general education area credit will be

given. 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 earned 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 the area indicated regardless of where the certifying California community college's discipline is located.

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 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 A.A. (MAJOR/GE)	CSU GE	CSU - UNITS EARNED TOWARD TRANSFER	IGETC	UC - UNITS EARNED TOWARD TRANSFER
Art History	Art 101 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	3 semester units	N/A	8 quarter/5.3 semester units
Biology	Biology 105 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 4 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 4 semester units	Area B4 3 semester units	6 semester units*	Area 2A 3 semester units	8 quarter/5.3 semester units**
AP CALCULUS EXAM LIMITATIONS			*Only one exam may be used toward transfer		**Maximum credit 8 quarter/5.3 semester units for both
Chemistry	Chemistry 110 5 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 GE 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	CS 111 4 semester units*	N/A	3 semester units**	N/A	2 quarter/1.3 semester units***
Computer Science AB	No course equivalency Elective 3 semester units	N/A	6 semester units**	N/A	4 quarter/2.7 semester units***
AP CS EXAM LIMITATIONS	*Maximum 6 semes- ter units for both		**Maximum one exam toward transfer		***Maximum credit 4 quarter/2.7 semester units for both
Economics - Macroeconomics	Economics 101 3 semester units	Area D2 3 semester units	3 semester units	Area 4B 3 semester units	4 quarter/2.7 semester units
Economics - Microeconomics	Economics 102 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 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 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 3 semester units	Area B2 and B3 (if taken prior to Fall 2009) or Area B1 and B3 (regard- less of when taken) 4 semester units	4 semester units	Area 5A (with lab) 3 semester units	4 quarter/2.7 semester units
French Language	Humanities Elective 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 GE 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

EXAM	CITRUS A.A. (MAJOR/GE)	CSU GE	CSU - UNITS EARNED TOWARD TRANSFER	UC - UNITS EARNED TOWARD TRANSFER	UC - UNITS EARNED TOWARD TRANSFER
German Language	German 101 & 102 10 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	Political Science 103 3 semester units	Area D8 3 semester units	3 semester units	Area 4H 3 semester units	4 quarter/2.7 semester units
Government and Politics - U.S.	Political Science 103 3 semester units	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 GE Social 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 - U.S.	History 108 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 GE Social 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 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 GE 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 10 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/5.3 semester units
Latin - Vergil	No course equivalency GE 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 GE 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	MUSE 103 3 semester units	Area C1 3 semester units	6 semester units	N/A	8 quarter/5.3 semester units
Physics B	Physics 110 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	GE Physical Science 4 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	GE Physical Science 4 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 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 10 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 GE 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 4 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. Fall of 09 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 3B + 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/codedmemos/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	Min. 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 requirement at the CSU or UC's.

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, a banquet and 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. Since completion of 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 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.

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

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.

Effective fall 2010, 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. 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.

Career/Transfer Center

The Career/Transfer Center serves students' career development and transfer needs.

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.

The center also 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

Cashier

See Cashier/Bursar's Offices on page 57.

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 during their first 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.

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. The balance of unearned funds is then 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. Beginning with the Fall 2013 semester, 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.

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 the application status.

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

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. The Financial Aid Office is located in the Student Services Building.

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 bachelors 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 recently passed California Dream Act, comprising new 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 and the Cal Grant beginning Fall 2013 term. 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 September 2 of every year. AB540 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/stdntsr/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 and other sources with questions regarding student aid programs, the application process, eligibility requirements, and deadlines.

Citrus College
 Financial Aid Office
 Location: Student Services Building, First Floor
 (626) 914-8592
financialaid@citruscollege.edu
www.citruscollege.edu/stdntsr/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 Center, located in Hayden Hall (HH) Room 756.

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 paper work to the Veterans Representative, located in the Veterans Center, HH 756, (626) 914-8516.

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/stdntsrvt/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 \$650,000, 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:

- 180 Philanthropy

- Alpha Gamma Sigma Honor Society
- American Medical Student Association
- Anime Connection
- Campus Activities Board
- Citrus Business Association
- Citrus Investing Club
- Chess Club
- Citrus College Veterans Network
- Cheer Club
- Chemistry Club
- Classy Cuisine Club
- Cosmetology Club
- Computer Programming
- Dental Assisting Club
- DiverCity
- Earth Club
- Evening Cosmetology Club
- Filmmakers Club
- Gamers Guild
- Gay Straight Alliance
- Helping Find Opportunities in the Pursuit of Education (H.O.P.E.)
- International Friendship Club
- Latino Unidos Student Association
- Math Owls
- Phi Theta Kappa (PTK) Honor Society
- Photography Club
- Psi Beta (Psychology honor society)
- Psychology Club
- Researchers in Paranormal Treatment of Animals
- Supernatural Society
- United States Green Building Council
- Vocational Nursing
- Young Americans for Liberty

Veterans Center

The Citrus College Veterans expand services to the veteran. As a result, the Veterans Center provides a one-stop location where students can receive assistance with GI benefits processing, obtain counseling and referrals for various transitional needs, and meet with an academic counselor,

and access services such as, tutoring, peer support, meet veteran mentors, get information on the Veterans Book Fund, and 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?

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 (Fitness Center).

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 ED Building, room 235. 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 or at the Student Business Office located in the Campus Center.

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 programs from all of the performing arts disciplines.

The Haugh Main Stage Presenting Program

The Haugh events include a wide range of entertainment such as headliners Debbie Reynolds and Chita Rivera, world-famous dance company - The Hungarian Folk Ensemble, jazz artist Branford Marsalis, and Tito Puente, Jr., The Glenn Miller Orchestra, Golden Dragon Acrobats, the new popular group SIRO-A from Japan, comedian Paul Reiser, and the Sing-A-Long shows: "Grease," "The Sound of Music" and the

"Messiah." Themed packages of events are available at a discount such as Nostalgia, Contemporary, Legends, World Music, and Afternoon Tea, which includes tea and cookies on the west patio.

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 shorter kid-friendly versions of main stage shows such as Golden Dragon Acrobats and technological comedians SIRO-A, an intro to jazz music in "Big Drum, Small World" with the Metta Quintet, musical theatre pieces based on "Stuart Little" and "Snow White," and the popular Gizmo Guys.

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 Blue Note Orchestra, joined by the jazz band from Azusa Pacific University, hosts sell-out crowds at the annual "Battle of the Big Bands." In addition to their off-campus concerts, the award-winning orchestra accompanies or opens for many of the notable performers on the Haugh Performing Arts main season.

Sierra Wind Symphony and the Concert Choir perform classic literature as well as popular film music 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

"Ragtime," "Chicago," "Fiddler on the Roof" and "Shrek." Citrus Women's Ensemble presents an annual musical revue in the spring.

The Theatre Department presents multiple productions each year in the Citrus Little Theatre including public performances of their school touring productions. The Dance Department presents two annual concerts in the Haugh Performing Arts Center including "Holidance," a special holiday dance concert near Christmas time.

Learning Center

Located on the second floor of the ED building, the Learning Center provides instructional support services and is open to all Citrus College students with a Citrus ID card.

Success Center—Language Arts/Multidisciplinary

The center provides instructional support for English 098 students who need to meet their English lab requirements. Faculty lab staff are available to provide guidance, one-on-one assistance, and small group instruction; clinics are conducted daily. The lab features 22 multimedia, online, and networked computer stations.

Language Lab

The Language Lab is an interactive language learning center that promotes cross-cultural education. Students can participate in activities such as pronunciation and conversation classes, reading clinics, and study groups. A Citrus College ID is required.

Tutorial Services

Peer tutoring, in most subjects, is available free of charge to all Citrus College students. Students interested in working with a tutor must sign up for services.

Tutors are Citrus College students who have completed the tutor training program and have successfully completed the course(s) they tutor with a grade of A or B. An online tutoring program is also available through the Learning Center website.

Testing Center

The Testing Center offers:

- Academic test proctoring
- Adapted testing
- Assessment testing

The Testing Center provides administration and proctoring for Distance Education exams, make up exams for traditional classes, the chemistry diagnostic exam, and Adapted Testing for DSP&S students. Assessment testing is administered through a computerized "smart" placement test to determine students' initial placement into reading, English, ESL, and math courses.

Most assessments are done in block sessions followed by a counseling orientation session. Please consult the Citrus College website for Assessment/Orientation times.

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 is open to all Citrus College students who need English tutoring and/or help with essays, research papers, lab reports, or any other writing assignment. One-on-one writing consultations are limited to two, 45 minute appointments per week. A Citrus College ID is required.

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).

Peer Mentoring: First year STEM students can work one-to-one with an experienced STEM student through SIGMA peer mentoring and 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.

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 one of 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 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 re-

sources 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 Majors and Programs Are Offered at Citrus College?

Citrus College offers associate degrees in 43 fields of study, as well as certificates of achievement and skill awards in 43 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.

Citrus College Program of Study	A.A	A.A.-T	A.S.	A.S.-T	Certificate of Achievement	Skill Award
Accounting					X	
Administration of Justice			X	X	X	
Administrative Office Occupations					X	
Architectural Design					X	
Audio Recording Technology			X		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 and Physical Science (and Mathematics)			X			
Biological Sciences			X			
Business			X			
Business Administration				X		
Ceramics-One Year					X	
Ceramics-Two Year					X	
Child Development			X			
Child Development Teacher					X	
Child Development—Associate Teacher						X
Child Development—Master Teacher					X	

Citrus College Program of Study	A.A	A.A.-T	A.S.	A.S.-T	Certificate of Achievement	Skill Award
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				X	
Dental Assisting			X		X	
Digital and Web Design			X		X	
Drafting and Design Technology			X			
Early Childhood Education				X		
Elementary Education		X				
Emergency Management and Homeland Security			X		X	
Emergency Medical Technician						X
Engine Rebuilding and Machining						X
English		X				
English Literature	X					
Esthetician					X	
Fine and Performing Arts	X					
History		X				
Home Health Aide						X
Infant and Child Development Associate Teacher						X
Information Technology					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 Truck Service, Diagnosis and Repair Technician					X	
Microsoft Office						X

Citrus College Program of Study	A.A	AA-T	A.S.	AS-T	Certificate of Achievement	Skill Award
Music	X					
Nurse Assistant						X
Office Clerk						X
Photography			X		X	
Physics				X		
Psychology		X				
Public Works			X			
Public Works I					X	
Public Works II					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	
Writing Competency					X	

How Do I Earn a Degree at Citrus College?

Programs of Study Learning to an Associate Degree

Requirements for Majors

The Associate in Arts and the Associate in Science degrees require a minimum of 18 units in a major field of study with grades of *C* or above in each course attempted that is counted toward the major. 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
 Kinesiology
 Mathematics
 Physics
 Psychology
 Sociology
 Theater Arts

Programs of Study Leading to an Associate Degree

Administration of Justice
 Automotive Technology
 Biological and Physical Science (and Mathematics)
 Biological Sciences
 Business
 Child Development
 Cosmetology
 Dance
 Dental Assisting
 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
 • Business and Technology
 • Math and Science
 • Social and Behavioral Sciences
 Music
 Photography
 Public Works
 Recording Technology

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.

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 2013 and thereafter. Students who have maintained continuous attendance (completed a course with an academic record symbol, excluding W, each semester) have the option of meeting these requirements or those in effect at the time continuous enrollment began.

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.**

Students may petition to have noncredit courses counted toward the satisfaction of requirements for an associate degree.

2. Residence Requirement

- a. Completion of a minimum of 12 units in residence at Citrus College including attendance during the last semester; or
- b. 30 units in residence at Citrus College if the last semester is not in residence.

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: 22 units as described on pages 66-70.
or
- b. Option II: 39 units as stipulated by the CSU general education certification requirements,

outlined on pages 72-76.

or

- c. Option III: 34 units as stipulated by the completion of the IGETC pattern, outlined on pages 79-82.

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 as outlined on page 70.
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 134-137;
 - or**
 - b. Option III: 34 units as stipulated by the completion of the IGETC pattern, outlined on pages 127-130.

Note that Option I available for A.A. and A.S. degrees is not available for A.A.-T and A.S.-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 22 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).

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

Students satisfying the mathematics competency re-

quirement 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. Language and Rationality: Mathematics

MATH 148 Intermediate Algebra I	2.5
and	
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

BIOL 102 Human Genetics	3
BIOL 104 Biology: Contemporary Topics	3

BIOL 105 General Biology

BIOL 109 Biology for Educators

BIOL 116 HIV and AIDS: Insights and Implications	3
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BIOL 124 Principles of Biology I

BIOL 125 Principles of Biology II

BIOL 145 Environmental Science	3
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BIOL 200 Human Anatomy

BIOL 201 Human Physiology

BIOL 220 Microbiology

PSY 102 Psychobiology	3
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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 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 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
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
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 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.

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 105	History of World Civilization—The 20th Century	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 127	Spanish Civilization	3
HIST 130	Latin American Culture and Civilization	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
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 121	Art for Children	2
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

**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:

A1. Dance Activity

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 263	Dance for Musical Theatre	4
DANC 264	Beginning Popular Dance Techniques	4
DANC 265	Musical Staging: Rehearsal and Performance	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

A2. Fitness/Health Science

KIN 170	Fitness for Life	3
KIN 171	Health Science	3
KIN 171H	Health Science – Honors	3
KIN 173	Nutrition for Fitness	3

A3. 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. They must complete 18 additional units for each major.

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 Majors

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 major providing that minimum requirements are met for each major and that a minimum of 18 units applies exclusively to each major.

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 pages 63 and 66 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 regard-

ing 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.

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 in all transferable college units attempted;
- 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

Grades are obviously an important factor in admission as an upper-division transfer. It is important to note that there are different ways grades are used in the admission process.

Students who have completed a minimum of 60 transferable units with a 2.0 or higher grade point average 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
ENGL 102	Introduction to Literature	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
SPCH 103	Argumentation and Debate	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	3
CHEM 220	Organic Chemistry	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

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 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
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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	
CHIN 102	Chinese II	5
COMM 200	Visual Communications	3
ENGL 102	Introduction to Literature	3
ENGL 120	Introduction to Women's 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 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
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 105	History of World Civilization The 20th Century	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 127	Spanish 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
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
SPAN 127	Spanish Civilization	3
SPAN 130	Latin American Culture and Civilization	3

D7 - Interdisciplinary Social and Behavioral Science

CHLD 110	Early Childhood Development	3
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
HIST 127	Spanish Civilization	3
HIST 130	Latin American Culture and Civilization	3

LING 101	Introduction to Language and Linguistics	3
SOC 114	Marriage, Family, and Intimate Relations	3
SPAN 130	Latin American Culture and Civilization	3

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	2
SOC 216	Sex and Gender in a Cross Cultural Perspective	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

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 105	History of World Civilization The 20th Century	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 127	Spanish 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
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
SPAN 127	Spanish Civilization	3
SPAN 130	Latin American Culture and 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
HIST 127	Spanish Civilization	3
LING 101	Introduction to Language and Linguistics	3
SOC 114	Marriage, Family, and Intimate Relations	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 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

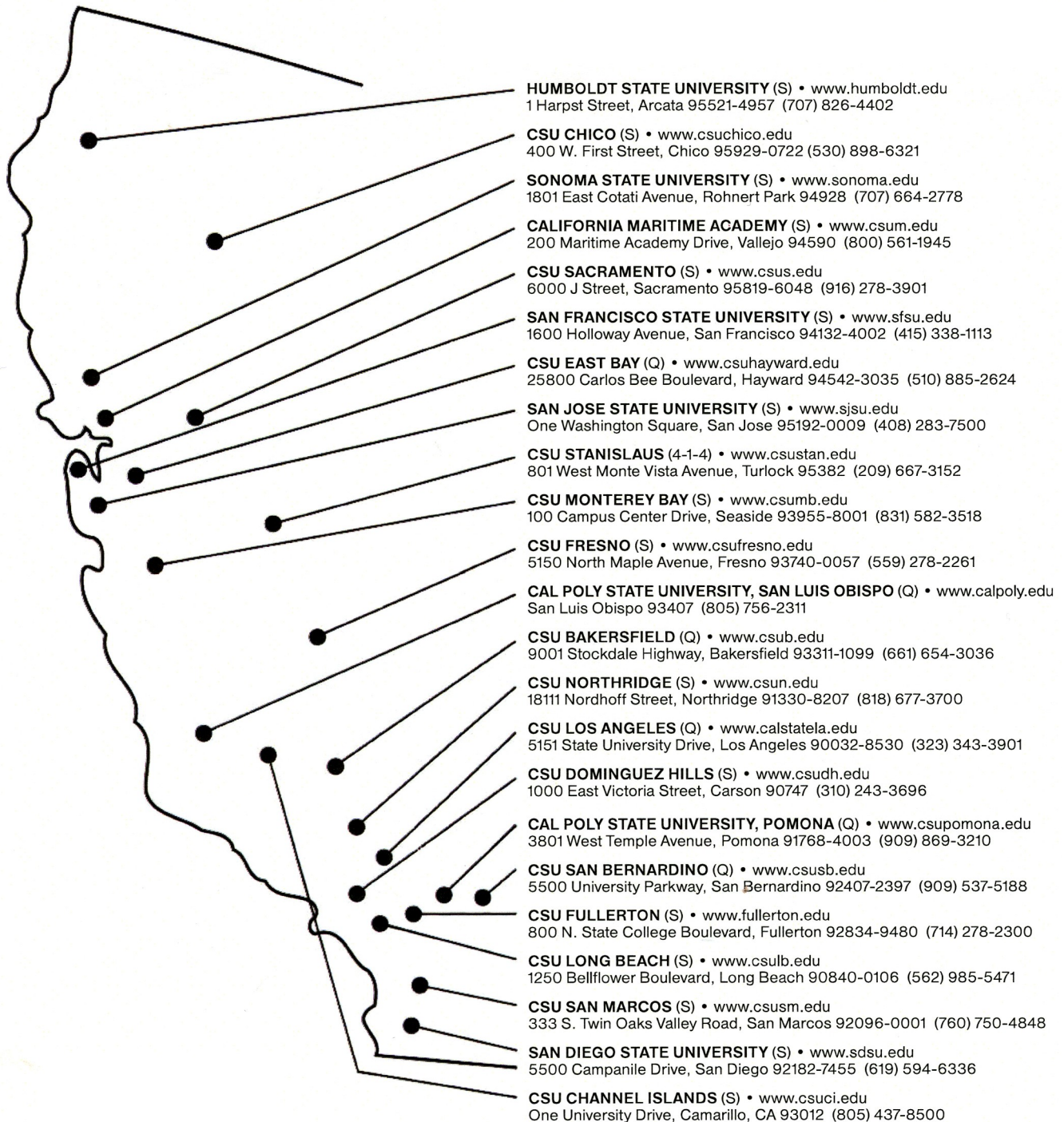
3 semester units

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
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
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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. The Citrus College Career/Transfer Center has Transfer Admission Guarantees (TAGs) with Davis, Irvine, Merced, Riverside, San Diego, 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).

Nonresident

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

ENGL 101	Reading and Composition	3
ENGL 101H	Reading and Composition-Honors	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

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 II	4
MATH 211	Differential Equations	5
MATH 212	Introduction to Linear Algebra	4
PSY 103	Statistics for the Social and Behavioral Sciences	3

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: 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 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		
ARCH 250	History of Architecture: Prehistory to Mannerism	3
ARCH 251	History of Architecture: Baroque to The Present Day	3
CHIN 102	Chinese II	5
ENGL 102	Introduction to Literature	3
ENGL 120	Introduction to Women's 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 296	Introduction to Folklore	3
ENGL 298	Literature of the Bible	3
GER 102	German II	3
GER 201	German III	3
GER 202	German IV	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 105	History of World Civilization- The 20th Century	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 127	Spanish Civilization	3
HIST 130	Latin American Culture and	

	Civilization	3
HIST 140	History of the American West	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
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 102	Spanish II	3
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

IGETC Area 4 - Social and Behavioral Sciences
At least 3 courses from at least 2 disciplines or an interdisciplinary sequence, 9 semester units

4A: Anthropology and Archaeology

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
ANTH 220	Introduction to Archaeology	3
SOC 216	Sex and Gender in a Cross Cultural Perspective	3

4B: 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

4C: Ethnic Studies

ETHN 101	Introduction to Ethnic Studies	3
ETHN 116	Introduction to Chicano Studies	3

4D: 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
SOC 216	Sex and Gender in a Cross Cultural Perspective	3

4E: Geography

GEOG 102	Cultural Geography	3
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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 105	History of World Civilization - The 20th Century	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 127	Spanish 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
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
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 116	International Relations	3

4I: Psychology

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

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 216	Sex and Gender in a Cross Cultural Perspective	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.

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	3
CHEM 220	Organic Chemistry	3

ESCI 119	Physical Geology without laboratory	3
ESCI 120	Physical Geology	4
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 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 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

IGETC Area 6 - Language other than English (UC Requirement Only)

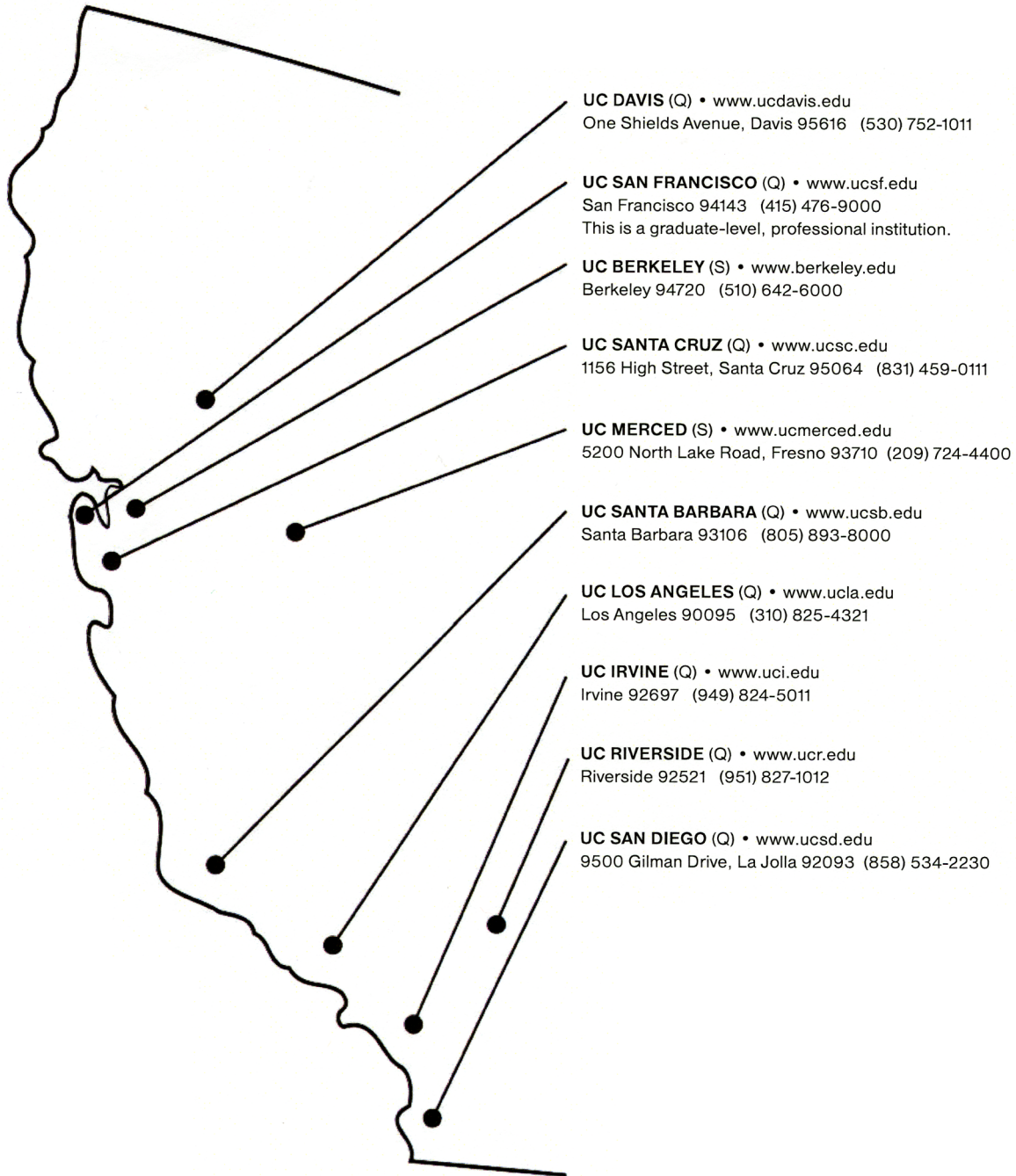
Proficiency equivalent to two years of high school study in the same language.

6A: Languages other than English (UC Requirement Only)

CHIN 101	Chinese I	5
CHIN 102	Chinese II	5
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
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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
SOC201	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		
ECON101H	Principles of Macroeconomics-Honors	3
ECON102	Principles of Microeconomics	3
BUS160	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	Units
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 240 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 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		Units
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 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 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:		Units
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:

	Units
ART 100 Art History and Appreciation-Fundamentals	3
MUSE 109 Music Appreciation	3
THEA 101 Introduction to Theatre Arts	3

Select any course(s) not selected above or one (1) course from the following:

CHIN 102 Chinese II	5
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
GER 102 German II	5
GER 201 German III	5
GER 202 German IV	5
HIST 104 History of World Civilization since 1500	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
JPN 102 Japanese II	5
KIN 176 Elementary School Physical Education	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

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:
 - (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
ENGL102 Introduction to Literature	3
ENGL 104 Advanced Rhetoric: The Classical Essay	3

Select three (3) of the following:	Units
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 18 - 20

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.

(2) Obtainment of a minimum grade point average of 2.0.

Required Courses	Units
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 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
Select one (1) of the following courses	
HIST 105 History of World Civilization-The 20th Century	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 145 History of Mexico	3
HIST 155 History of the Vietnam War	3
HIST 222 History of World War II	3
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
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

Select one (1) of the following courses:

HIST 105 History of World Civilization-The 20th Century	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 127 Spanish 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
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
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
POLI 103 American Government and Politics	3
POLI 103H American Government and Politics-Honors	3
POLI 116 International Relations	3

Total Units 18 - 20

A.A.-Transfer Degree Level Student Learning Outcomes

Students completing the History A.A.-Transfer Degree will:

1. Demonstrate an ability to write clearly and accurately about the historical process using an appropriate vocabulary.
2. Demonstrate critical and analytical thinking about historical themes to compare and contrast time periods or groups of people and their experiences.
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.

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.

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 172	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. Units

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 Units

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 courses 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 found 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.

Psychology
A.A. Transfer Degree

Psychology is defined as the scientific study of behavior. The Associates 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	4
	or	
PSY 103	Statistics for the Social and Behavioral Sciences	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:		Units
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 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
SOC 201	Introduction to Sociology	3
	or	
SOC 201H	Introduction to Sociology- Honors	3
	or	
PSY 103	Statistics for the Social and Behavioral Sciences	3

Select two (2) of the following:

MATH 165	Introductory Statistics	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

Select one (1) of the following: Units

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 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.

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 Units

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. Demonstrate acting techniques in a performance Setting.
3. Exhibit fundamental knowledge of play structure and analysis.

4. 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:

Select 18 units from the following:		Units
AUTO 100	Automotive Technology and Maintenance for the Consumer	3
AUTO 101	Fundamentals of Automotive Service, Diagnosis and Repair	5
AUTO 151	Engine Service, Diagnosis and Repair	5
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 and Repair	3
AUTO 168	Engine Control Systems Service, Diagnosis and Repair	8
AUTO 281	Advanced Toyota Certified Technician Training	6.5
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
AUTO 298	Special Projects	2
AUTO 696B	Special Topics: Automotive Technology	0.5
AUTO 698A	Cooperative Education	1
AUTO 698B	Cooperative Education	2
AUTO 698C	Cooperative Education	3
AUTO 698D	Cooperative Education	4
AUTO 699A	Cooperative Education	1
AUTO 699B	Cooperative Education	2
AUTO 699C	Cooperative Education	3
AUTO 699D	Cooperative Education	4
BUS 170	Small Business Management	3

Total Units 18**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 transportation industry.
2. Exit the program with a personal/professional commitment to uphold the high standards and uplift the integrity of the automotive 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 100	Introductory Biology	3
BIOL 102	Human Genetics	3
BIOL 104	Biology: Contemporary Topics	3
BIOL 105	General Biology	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	3
CHEM 211L	Organic Chemistry Laboratory	1
CHEM 220	Organic Chemistry	3
CHEM 221L	Organic Chemistry 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	

	with C++	4
EARTH SCIENCE		
ESCI 106	Earth and Space Science for Educators	4
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
GEOGRAPHY		
GEOG 118	Physical Geography	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 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	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
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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	General Physics	4
PHYS 201A	Physics: Mechanics	5
PHYS 202B	Physics: Electromagnetism	5
PHYS 203C	Physics: Optics and Thermodynamics	5

PHILOSOPHY

PHIL 110	Philosophy/Logic	3
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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 at 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
MATH 165	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 AS 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:

ACCT 110	Income Tax Accounting	4
BUS 132	Ethics in 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	Personnel 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
CIS 130	Microcomputer Applications I	4
OFF 101	Introduction to Microsoft Office Applications	3

REAL 210	Real Estate Principles	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
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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
and		

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 leads to an Associate of Science degree. This degree requires the successful completion of 55 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 cosmetolo-

gist.

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	Salon Success	4
COS 161A	Haircolor I	4
COS 161B	Haircolor II	4
COS 172A	Hair Design I	4
COS 172B	Hair Design II	4
COS 178A	Chemical Texturizing I	4
COS 178B	Chemical Texturizing II	4
COS 181A	Hairsculpting I	4
COS 181B	Hairsculpting II	4
COS 182	Skincare	4
COS 183	Nail Care	4
Total Units 55		

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, hair coloring, 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	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
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Kinesiology

DANC 130	Alignment and Correctives	2
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Performance Practicum

DANC 289	Dance Concert Production	3
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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.

Drafting and Design Technology A.S. Degree

Drafting and Design Technology includes such majors as Architecture, Engineering Drawing 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.

Employment opportunities: Entry-level - CADperson/Design Person

Engineering Drawing Emphasis:, CAD courses

and Mechanical Drawing courses provide a foundation for such majors as Architecture, Computer Generated Imagery and Engineering

Employment opportunities: Entry-level Computer Aided Design (CAD) - CADperson/Draftsperson

Computer Generated Imagery (CGI) Emphasis: provides 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.

Employment opportunities: Entry-level - Animation Modeler.

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:

Strongly Recommended Preparation	Units
DRAF 101 Beginning Computer Aided Design (CAD)	3
or	
One year of High School Drafting	
or	
One year of Drafting in Industry	

Required drafting and design technology core courses	Units
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
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 200 Portfolio Preparation	3

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

or

ENGINEERING DRAWING EMPHASIS

Required engineering drawing

Courses

DRAF 103	Advanced Engineering Drawing	3
PHYS 110	Introduction to College Physics	4

or

COMPUTER GENERATED IMAGERY (CGI) EMPHASIS

Required computer generated imagery (CGI) courses

DRAF 291	Learning Maya Transitions	3
ARCH 200	Portfolio Preparation	3
ART 111	Beginning Drawing	3
ART 115	Figure Drawing I	3
ART 120	Two-Dimensional Design	3
ART 121	Three-Dimensional Design	3

21

Total Units 23.5 - 37.5

A.S. Degree Level Student Learning Outcomes

Students completing the Drafting and Design Technology A.S. Degree will:

1. Describe effective architectural, Computer Generated Imagery (CGI) and engineering drafting techniques including graphic communication, orientation, and decision making.
2. Demonstrate the ability to use technology to prepare architectural, Computer Generated Imagery (CGI) and engineering hand drawings, Computer Aided Drawings (CAD), and multimedia presentations.
3. Demonstrate planning techniques and administration of architectural, Computer Generated Imagery (CGI) and engineering document control for design and working drawings.
4. Demonstrate the ability to estimate time, material, labor and equipment for architectural, Computer Generated Imagery (CGI) and engineering design and working drawings.

Emergency Management and Homeland Security

A.S. Degree

The Associate of 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 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). 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 **Units**

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 Associates of 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	Units
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
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 com-

bined with successful completion (grades of C and above) of the following major requirements:

Select eighteen (18) units from the following:

Art

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 115	Figure Drawing I	3
ART 116	Figure Drawing II	3
ART 120	Two-Dimensional Design	3
ART 121	Three-Dimensional Design	3
ART 122	Color Theory and Composition	3
ART 130	Beginning Painting	3
ART 131	Intermediate Painting	3
ART 140	Beginning Ceramics	3
ART 141	Intermediate Ceramics	3
ART 142	Experimental Ceramics	3
ART 143	Ceramic Handbuilding	3
ART 145	Ceramic Design and Decoration	3
ART 146	Ceramics: Tile and Mosaic	3
ART 149	Studio Problems in Ceramics	1
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 163	Computer Graphics II	3
ART 167	Web Design I	3
ART 168	Animation I	3
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
ART 184	Sculpture and Metalwork	3
ART 189	Art Portfolio and Resume Production	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

ART 230	Advanced Painting	3
ART 240	Advanced Ceramics I	3
ART 241	Advanced Ceramics II	3
ART 253	Digital Media Production II	3
ART 267	Web Design II	3
ART 268	Animation II	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 172	Composition in Group Forms	2
DANC 258	Intermediate Hip-Hop Dance	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 263	Dance for Musical Theatre	4
DANC 264	Beginning Popular Dance Techniques	4
DANC 265	Musical Staging: Rehearsal and Performance	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
DANC 284	Intermediate Popular Dance Techniques	4
DANC 289	Dance Concert Production	3
DANC 292	Advanced Ballet I	1
DANC 296	Pop Dance: Rehearsal and Performance- Intermediate	2

Music - Commercial

MUSC 100	Styles, Technique, and the Soul of Popular Singing	2
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 106	Show Choir I	4
MUSC 110	Pop/Cumbia Ensemble I	2
MUSC 112	Pop/Salsa Ensemble I	2
MUSC 118	Music Performance for Events	1
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	MUSE 201	Musicianship III	2
MUSC 140	Jazz Improvisation I	3	MUSE 202	Harmony III	3
MUSC 141	Jazz Improvisation II	3	MUSE 203	Musicianship IV	2
MUSC 142	Jazz Combos	1	MUSE 204	Harmony IV	3
MUSC 144	Fusion Ensemble	1	MUSE 220	Intermediate Piano I	2
MUSC 146	Chamber Jazz	4	MUSE 221	Intermediate Piano II	2
MUSC 151	Songwriting I	2	MUSE 222	Advanced Piano I	2
MUSC 152	Songwriting II	2	MUSE 223	Advanced Piano II	2
MUSC 160	Sight Reading for the Studio I	3	MUSE 224	Keyboard Skills for the Music	
MUSC 161	Sight Reading for the Studio II	3		Major	3
MUSC 170	Citrus Singers Summer Ensemble (Classical)	4	MUSE 225	Popular Piano Styles	2
MUSC 171	Citrus Singers Tour Ensemble (Pop)	4	MUSE 226	Functional Piano for the Music	
MUSC 172	Women's Tour Ensemble	4		Major	2
MUSC 175	Jazz Ensemble Tour	7	MUSE 230	Voice- Intermediate/Advanced	2
MUSC 177	Professional Performance Techniques	3	MUSE 231	Voice IV - Advanced	2
MUSC 190	Career Opportunities in the Music Entertainment Industry	3	MUSE 240	Intermediate Guitar I	2
MUSC 271	Professional Performance Techniques (Vocal)	4	MUSE 241	Intermediate Guitar II	2
Music - Education			Music - Performance		
MUSE 100	Music Fundamentals	3	MUSP 100	Concert Choir I - Beginning	3
MUSE 101	Musicianship I	2	MUSP 101	Concert Choir II-Intermediate	3
MUSE 102	Harmony I	3	MUSP 105	Women's Ensemble I Beginning	4
MUSE 103	Musicianship II	2			
MUSE 104	Harmony II	3	MUSP 106	Women's Ensemble II	
MUSE 109	Music Appreciation	3		Intermediate	4
MUSE 110	History of Music I	3	MUSP 108	Men's Ensemble	3
MUSE 111	History of Music II	3	MUSP 110	Vocal Ensemble I Beginning	3
MUSE 112	History of Jazz	3	MUSP 111	Vocal Ensemble II	3
MUSE 113	History of Rock and Roll	3	MUSP 115	Chamber Chorale I Beginning	4
MUSE 114	Introduction to American Music	3	MUSP 120	Chamber Singers I Beginning	4
MUSE 120	Elementary Piano I	2	MUSP 121	Chamber Singers II Intermediate	4
MUSE 121	Elementary Piano II	2	MUSP 133	Brass Choir I	3
MUSE 130	Voice - Beginning	2	MUSP 134	Brass Choir II	3
MUSE 131	Intermediate Voice	2	MUSP 136	Percussion Ensemble I	1
MUSE 140	Beginning Guitar I	2	MUSP 138	World Percussion Ensemble I	1
MUSE 141	Beginning Guitar II	2	MUSP 140	Chamber Winds I	4
MUSE 160	Standard Percussion Instrumentation/Techniques	1	MUSP 141	Chamber Winds II	4
MUSE 161	World Percussion Instrumentation/Techniques	1	MUSP 145	Wind Symphony I	4
MUSE 170	Musical Theatre Academy Techniques	2	MUSP 146	Wind Symphony II	4
MUSE 171	Musical Theatre Techniques	3	MUSP 151	Individual Performance	
MUSE 180	Summer Instrumental Music Academy	3		Techniques	2
MUSE 188	Music Production Software/ Hardware I	2	MUSP 162	Handbell Ensemble	1
MUSE 189	Music Production Software/ Hardware II	2	MUSP 170	Musical Theatre Academy	
				Production	4
			MUSP 173	Musical Theatre Production I	
				Beginning	4
			MUSP 178	Opera Workshop	2
			MUSP 181	Musical Theatre Orchestra	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 104	Voice and Movement for the Actor	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 204	Stage and Screenwriting	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 241	Fundamentals of Stage Direction	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 292	Special Techniques in Acting	3
THEA 293	Theatre for Young Audiences	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 athletic 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 172	Introduction to Kinesiology	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	2
KINC 211	Women's Varsity Volleyball	2
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	2
KINC 220	Men's Varsity Football	2
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

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 lifestyle.
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 240 Newspaper Production Staff	3
COMM 245 Editorial Board Workshop	2
COMM 250 Multimedia Reporting	3
COMM 280 Magazine Production Staff	3

English

ENGL 101 Reading and Composition	3
or	
ENGL 101H Reading and Composition- Honors	3
ENGL 102 Introduction to Literature	3
ENGL 103 Composition and Critical Thinking	3
or	
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	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		Units
GER 101	German I	5
GER 102	German II	5
GER 201	German III	5
GER 202	German IV	5
Spanish		Units
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		Units
SPCH 100	Interpersonal Communication	3
SPCH 101	Public Address	3
or		

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	Units
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
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 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

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
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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

COMM 200	Visual Communications	3
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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

	or	
PHIL 106H	Introduction to Philosophy-Honors	3

PHIL 108	Philosophy/Ethics	3
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Spanish

		Units
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 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	
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	3
CHEM 221L	Organic Chemistry Laboratory	1

Earth Science

ESCI 106	Earth and Space Science for Educators	4
ESCI 120	Physical Geology	4
ESCI 121	Historical Geology	4
ESCI 122	Historical Geology with Lab	3
ESCI 124	Environmental Geology	3
ESCI 130	Physical Oceanography	3

Geography Units

GEOG 118	Physical Geography	3
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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 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 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 following, including 2 or more disciplines:

Anthropology		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		Units
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		Units
ETHN 101	Introduction to Ethnic Studies	3
Geography		Units
GEOG 102	Cultural Geography	3

History		Units
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
HIST 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
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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		Units
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

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 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 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:

	Units
Accounting	
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
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Computer Science

CS 111	Introduction to Programming Concepts and Design	4
CS 225	Object Oriented Programming with C++	4

Economics

ECON 101	Principles of Macroeconomics or	3
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.

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 com-

bined 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 141 Jazz Improvisation II	3
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 provide students 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
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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-fags.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 application 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 students 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 Pre-requisites, 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:

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 BA or BS from a regionally accredited institution in the United States.)

History or Political Science	3
Arts—One course from Area 3	3
Humanities—One course from Area	3
Physical Education	3

MATH 5
 (Completion of Intermediate Algebra (Math 150 or 148 & 149) 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	
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 above	Units
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 NURSING PROGRAM PREREQUISITES	16

ADN NURSING GENERAL EDUCATION COURSES/TAKEN PRIOR TO ENTRY:

PSY 205	Developmental Psychology	3
SPCH 100	Interpersonal Communication	3
or		
SPCH 101	Public Address	3
or		
SPCH101H	Public Address-Honors	3
ANTH 210	Introduction to Cultural Anthropology	3
or		
ANTH 210H	Introduction to Cultural Anthropology-Honors	3
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 BA or BS 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	
Completion of Intermediate Algebra (Math 150 or 148 & 149) or any higher level math course with a grade of <i>C</i> 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 description above		Units
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
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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 to 1876	3
HIST 112	History of the African-Americans since 1876	3
HIST 120	British Civilization	3
HIST 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
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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 293	Theatre for Young Audiences	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 204	Stage and Screenwriting	3
THEA 241	Fundamentals of Stage Direction	3

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 292	Special Techniques in Acting	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

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 104	Voice and Movement for the Actor	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 292	Special Techniques in Acting	3

Select one (1) of the following specialty Courses:

THEA 241	Fundamentals of Stage Direction	3
THEA 293	Theatre for Young Audiences	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	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
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 with patients in a healthcare setting.
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
 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 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 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	3
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 & regulatory compliance using general ledger software & 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 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
ARCH201 Architectural Design I	3
ARCH202 Architectural Design II	3
ARCH250 History of Architecture: Prehistory to Mannerism.	3
ARCH251 History of Architecture: Baroque to the Present Day	3
ART120 Two-Dimensional Design	3
ART121 Three-Dimensional Design	3
DRAF290 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 you the basis 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 & 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 Certificate of Achievement in Automotive Research & Development area of emphasis is Engine Research, Development & Testing. The Engine Research, Development & 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 & 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	
PHIL108	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 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.

Required automotive technology courses

Units

AUTO 101	Fundamentals of Automotive Service, Diagnosis and Repair	5
AUTO 151	Engine Service, Diagnosis and Repair	5
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 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

Select one (1) of the following language arts courses

ENGL 101	Reading and Composition	3
ENGL 101H	Reading and Composition - Honors	3
ESL 100	Fundamentals of Composition	4
ESL 101	Reading and Composition	3

Select one (1) mathematics course

MATH 150	Intermediate Algebra	5
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Students may substitute a higher level math course.
Total Units 57 - 58

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 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.

Required automotive technology courses	Units
AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair	5
AUTO 151 Engine Service, Diagnosis and Repair	5
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.

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

Select one (1) of the following language arts courses

ENGL 101 Reading and Composition	3
ENGL 101H Reading and Composition - Honors	3
ESL 100 Fundamentals of Composition	4
ESL 101 Reading and Composition	3

Select one (1) mathematics course

MATH 150 Intermediate Algebra	5
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Students may substitute a higher level math course

Total Units 62.5 - 63.5

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 & Repair—Undercar/Drivetrain Specialist

The courses listed in the Undercar/Drivetrain Specialist certificate 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 Courses	Units
AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair	5
AUTO 154 Chassis Service, Diagnosis, and Repair	8
AUTO 156 Automotive Electrical/Electronic Systems I	5
AUTO 162 Drivetrain Service, Diagnosis and Repair	8
Total Units 26	

Certificate of Achievement Level Student Learning Outcomes

Students completing the Automotive Service, Diagnosis & Repair - Undercar/Drivetrain Specialist Certificate of Achievement will:

1. Given a 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 manual.

Automotive Service, Diagnosis & Repair-Underhood Specialist

The courses listed in the Underhood Specialist certificate 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 Courses	Units
AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair	5
AUTO 151 Engine Service, Diagnosis and Repair	5
AUTO 156 Automotive Electrical/Electronic Systems I	5
AUTO 167 Automotive HVAC Service, Diagnosis & Repair	3
AUTO 168 Engine Control Systems Service, Diagnosis and Repair	8
Total Units 26	

Certificate of Achievement Level Student Learning Outcomes

Students completing the Automotive Service, Diagnosis & Repair - Underhood Specialist Certificate of Achievement will:

1. 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	Units
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 OPPORTUNITIES:

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 associates 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 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+ 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 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
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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 meets the educational requirements for the Master Teacher Permit through the California Commission on Teacher Credentialing. All coursework 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+ 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 and 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 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+ 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 child 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

Dance classes at Citrus prepare you for many opportunities in the world of dance. Classes are offered in jazz dance, classical ballet, tap dance and modern dance.

Recent changes in course repeatability will require this certificate to be modified. As soon as a revised version is approved, it will be made available on the Citrus College web site.

Required Courses	Units
DANC 102 History of Dance	3
DANC 130 Alignment and Correctives	2
DANC 172 Composition in Group Forms	2
DANC 259 Intermediate Tap I	1
DANC 260 Intermediate Jazz Dance I	1
DANC 262 Intermediate Ballet I	1
DANC 269 Intermediate Tap II	1
DANC 272 Intermediate Ballet II	1
DANC 289 Dance Concert Production	3

Select thirty-four (34) units of the following :

DANC 159 Beginning Tap	1
DANC 160 Jazz Dance Techniques	1
DANC 161 Beginning Modern Dance	1
DANC 162 Beginning Ballet	1
DANC 171 Introduction to Choreography/ Improvisation	2
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 269 Intermediate Tap II	1
DANC 270 Intermediate Jazz Dance II	1
DANC 272 Intermediate Ballet II	1
DANC 289 Dance Concert Production	3
MUSE 171 Musical Theatre Techniques	3

These elective classes may be taken multiple times.

Total Units 49

Certificate of Achievement Level Student Learning Outcomes

Students completing the Commercial Dance Certificate of Achievement will:

1. Demonstrate a functional knowledge of alignment, ballet, tap, jazz and modern dance techniques through the beginning and intermediate level.

Computer Aided Design

This Computer Aided Design (CAD)-Architecture and Drafting Certificate 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

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 coursework 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
COS 161A	Haircolor I	4
COS 161B	Haircolor II	4
COS 172A	Hair Design I	4
COS 172B	Hair Design II	4
COS 178A	Chemical Texturizing I	4
COS 178B	Chemical Texturizing II	4
COS 181A	Hairsculpting I	4
COS 181B	Hairsculpting II	4
COS 182	Skincare	4
COS 183	Nail Care	4
Total Units		55

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
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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 following courses are required for an Emerging Theatre Technologies certificate.

Required Courses		Units
THEA 101	Introduction to Theatre Arts	3
THEA 130	Introduction to Theatrical Scenery	3
THEA 140	Introduction to Lighting for Theatre, Television and Film	3
THEA 150	Introduction to Intelligent Lighting Consoles	3
THEA 160	Computer Aided Design for Theatre	4
THEA 245	Stage and Project Management for Theatre, TV and Film	3
THEA 260	Introduction to Show Production Systems	3
THEA 698C	Cooperative Education	3
THEA 699A	Cooperative Education	1
REC 135	Live Sound Reinforcement	4
REC 255	Advanced Live Sound Reinforcement	4
Total Units 34		

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 as their own, and being exposed to outside professionals in the areas of acting and design, in order to improve industry-specific interpersonal skills.
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 the artistic process.
4. Investigate their personal skill set through research projects, practicum, 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 backgrounds 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 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
AUTO695/ 696	Special Topics (department approval required)	0.5 - 4
AUTO698/ 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.

Photography

The photography certificate prepares a student for a career as an assistant to a professional photographer, a photographic lab technician or an independent professional free-lance photographer. Students will be prepared for positions in retail photographic outlets.

Required Courses		
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:

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 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

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
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EMPLOYMENT OPPORTUNITY

Public Works Employees

Total Units 18

Certificate of Achievement Level Student Learning Outcomes

Students completing the Public Works I Certificate of Achievement will:

1. Describe and explain the fundamentals of street maintenance.
2. Demonstrate knowledge of equipment and techniques used for street maintenance.
3. Explain preventative methods and materials, emphasizing the importance of the need for longevity in street construction and maintenance.
4. Properly demonstrate a clear understanding of inspection records, duties, and job diary techniques.
5. Describe and explain the ability to read and interpret plans and demonstrate a clear understanding of codes and ordinances.
6. Explain how to effectively use resources to administer infrastructure maintenance.

Public Works II

This certificate 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	Units
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 150 Intermediate Algebra	5

Select one (1) of the following courses

BUS 172 Personnel 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 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

WATR 150	Introduction to Water Systems	3
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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 profes-

sional 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 resource, 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
ENGL291 Film as Literature	3
ENGL291H Film as Literature - Honors	3

Required rhetoric course

ENGL 104 Advanced Rhetoric: The Classical Essay	3
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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 coursework.

Programs of Study Leading to a Skill Award:

- Child Development Associate Teacher
- 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 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 50 days of 3+ hours per day of qualifying work experience with young children within two 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.

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 undergoing 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
AUTO295	Engine Design	4
AUTO296	Cylinder Head Development	4
AUTO297	Cylinder Block Development	4

Employment Opportunity

Entry-level engine machinist

Total Units 12

Home Health Aide

Required course		Units
NRS102	Home Health Aide	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, Headstart 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
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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	Introduction to 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
NRS101	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 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
OFF260	Computer Keyboarding and Document Processing	3
OFF101	Introduction to Microsoft Office Applications	3
OFF281	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.

Does Citrus College Offer Courses for Growth & Development? Continuing Education, Noncredit Education 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 219-253 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) 914-8530.

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.

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

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

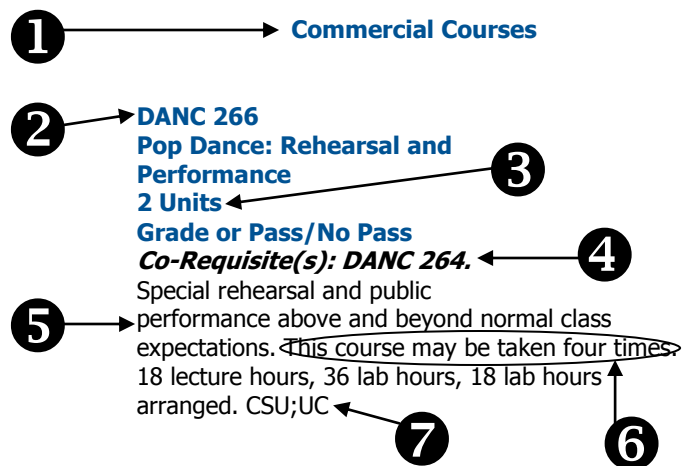
Administration of Justice (AJ)
Anthropology (ANTH)
Child Development (CHLD)
Ethnic Studies (ETHN)
Psychology (PSY)
Sociology (SOC)

Course Code Directory

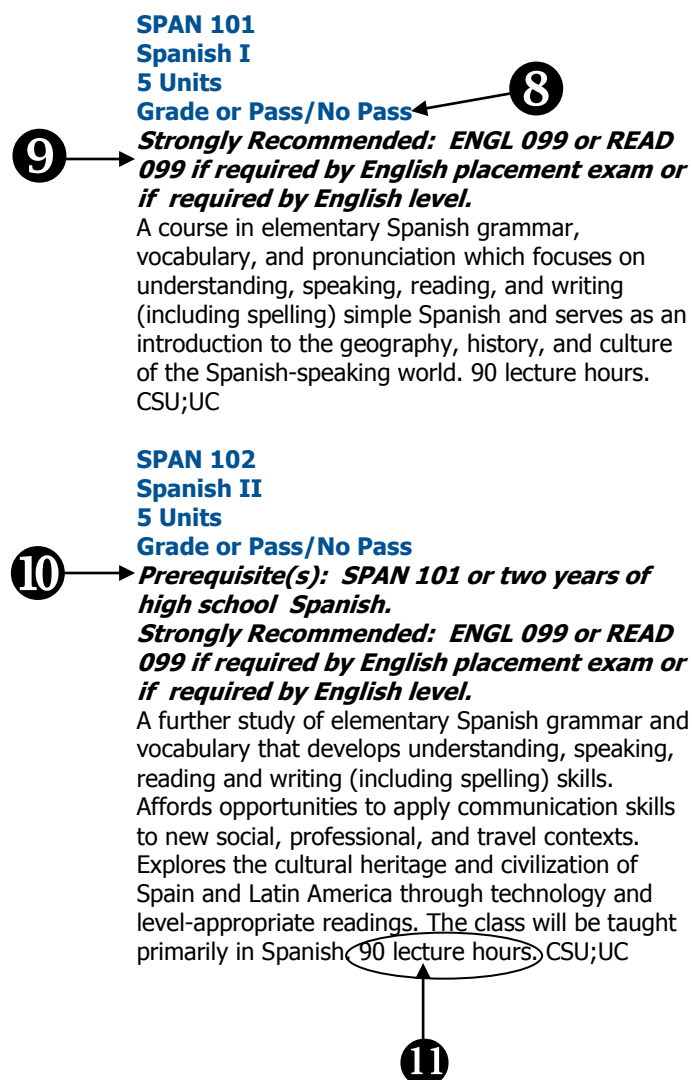
ACCT	Accounting	ENGL	English	NC	Noncredit
AJ	Administration of Justice	ENGR	Engineering	NRS	Nursing
ANTH	Anthropology	ESCI	Earth Science	OFF	Office Technology
ARCH	Architecture	ESL	English as a Second Language	PHIL	Philosophy
ART	Art	ETHN	Ethnic Studies	PHTO	Photography
ASTR	Astronomy	FOR	Forestry	PHYS	Physics
AUTO	Automotive Technology	GEOG	Geography, Cultural	POLI	Political Science
BIOL	Biology	GER	German	PSY	Psychology
BUS	Business	HEAL	Health Sciences	PUB	Public Works
CHEM	Chemistry	HIST	History	READ	Reading
CHIN	Chinese	HUM	Humanities	REAL	Real Estate
CHLD	Child Development	IT	Information Technology	REC	Recording Technology
COMM	Communications	JPN	Japanese	RNRS	Registered Nursing
COS	Cosmetology	KIN	Kinesiology	SOC	Sociology
COUN	Counseling	KINC	Kinesiology Conditioning	SPAN	Spanish
CIS	Computer Information Systems	LEAD	Leadership	SPCH	Speech
CS	Computer Science	LING	Linguistics	THEA	Theatre Arts
DANC	Dance	MATH	Mathematics	VNRS	Vocational Nursing
DENT	Dental Assisting	MOTO	Motorcycle Technology	WATR	Water Technology
DRAF	Drafting Technology	MTRK	Medium And Heavy Truck Technology		
DSPS	Disabled Student Programs & Services	MUSC	Music—Commercial		
ECON	Economics	MUSE	Music Education		
EMER	Emergency Management and Homeland Security	MUSP	Music—Performance		
		NAT	Natural History		

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.



French Courses



Credit and Noncredit Course Listings

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 or READ 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.

The objectives of this course are to finish reviewing financial accounting concepts and to discuss cost and managerial accounting. Financial accounting concepts such as long-term debt and cash flows will be covered before moving into the area of managerial accounting. Managerial accounting objectives are to provide management and employees timely feedback on the performance of the company operations so that management can plan ahead and make appropriate business decisions. Tools and techniques to evaluate efficiency and profitability such as process costing, break-even analysis, variance

analysis and capital budgeting will be reviewed. 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.

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 or READ 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

AJ 102
Concepts of Criminal Law
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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

AJ 108
Juvenile Procedures
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 situations. 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 certifies for careers in a wide range of fields.

Architecture Courses

ARCH 100
Introduction to Architecture
3 Units

Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 the 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 em-

phasis 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

Art courses are now grouped to-

gether 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 or READ 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 101

Art History and Appreciation - Ancient

3 Units

Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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. Material fee. 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 software, students will apply principles of color theory, layout and typography to their design concepts preparing them for print. This course may be taken three times. Material fee. 36 lecture hours, 72 lab hours. CSU

ART 162
Computer Graphics I
3 Units

Grade or Pass/No Pass

Strongly Recommended: ART 150 and/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 de-

sign 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, QuarkXPress, 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 099 if required by English placement exam or if required by English level.

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 or READ 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 or READ 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 or READ 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 drivetrain 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 or READ 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
5 Units

Grade Only

Prerequisite(s): AUTO 101.
Strongly Recommended: ENGL 099 or READ 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 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, 135 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 or READ 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 or one year minimum industry experience based on departmental approval or related coursework.

Strongly Recommended: ENGL 099 or READ 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 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 or READ 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 or READ 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 and Repair

3 Units
Grade Only

Prerequisite(s): *AUTO 156. Strongly Recommended: ENGL 099 or READ 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 or READ 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

Prerequisite: *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

Prerequisite: *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

Prerequisite: *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

Prerequisite: *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: *Must currently be a full-time journeyman level technician with two years of dealership experience or four years experience at an independent repair facility. Strongly Recommended: ENGL 099 or READ 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 meet-

ing 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 or READ 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 or READ 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 bearings, connecting rods, camshaft, valve train systems. The course will also cover the design and tuning of intake and exhaust systems, turbo charging 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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, extensions and exceptions to 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 or READ 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 or READ 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 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. 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 or READ 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 or READ 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 or READ 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 busi-

ness finance, personnel, production, distribution, government regulations, and managerial controls. 54 lecture hours. CSU;UC

BUS 132
Ethics in Business
3 Units
Grade Only

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 146
Personal Finance
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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
Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, 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
Personnel Management
3 Units
Grade Only

The study of personnel 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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): MATH 150 and CHEM 110 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
3 Units
Grade Only

Prerequisite(s): CHEM 112.

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 Laboratory
1 Unit
Grade Only

Prerequisite(s): 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
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, and selected topics in biochemistry, NMR, and mass spectrometry. 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 Laboratory
1 Unit
Grade Only

Prerequisite(s): 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 writ-

ing 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.

Chinese Courses

CHIN 101
Chinese I
5 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 or READ 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**

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmentally, 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 childcare programs based on good child development principles and practices. This course includes community resources, environment, staffing, activities, homework 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 or READ 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 impor-

tance 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 profes-

sionals and paraprofessionals working with young children. 36 lecture hours.

CHLD 169
Managing Challenging and Disruptive Behaviors

1 Unit

Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 care giving 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

(2) Child Development "Teacher" level permit on the statewide permit matrix.

(3) 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): PSY 206 or CHLD 110 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 administrators 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 099 if required by English placement exam or if required by English level. Also,

CIS 099 or CIS 107.
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, and personal information management. Prepares students to take the Microsoft Office User Specialist certification exams. 72 lecture hours. CSU;UC

CIS 150
Web Development with Dreamweaver
3 Units
Grade or Pass/No Pass
Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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

CS 111

Introduction to Programming Concepts and Design 4 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 with C++ 4 Units

Grade or Pass/No Pass

Prerequisite(s): CS 111.

Strongly Recommended: MATH 150.

This course is a second semester course in object-oriented programming using the C++ language. Problem analysis and algorithm design will serve as the foundation for the use of functions, control structures, user-defined data types, arrays, searching and sorting algorithms, use of streams and external files, structures, data abstraction, and software development methods. 72 lecture hours. CSU;UC

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 or READ 099 if required by 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 or Pass/No Pass

Strongly Recommended: ENGL 099

or READ 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 or READ 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 or READ 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 or Pass/No Pass
Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.**

In considering the history of American commercial motion picture from its 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 or Pass/No Pass**

Strongly Recommended: ENGL 099 or READ 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 or Pass/No Pass
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 240
Newspaper Production Staff
3 Units
Grade Only**

Strongly Recommended: COMM 101.

Staff members gather, evaluate, write, photograph, and edit the news for publication in the student media. Working with the editorial board and desktop publishing classes as a production team, the staff plans, budgets, and designs each issue. 36 lecture hours, 54 lab hours. CSU

**COMM 245
Editorial Board Workshop
2 Units
Grade Only**

Strongly Recommended: COMM 101.

A study of the major aspects of editorial responsibilities. Taught in a laboratory setting, the course provides practical instruction and experience for campus editors in writing, editing, and evaluating each issue of the campus newspaper and magazine, as well as formulating editorial policy. 18 lecture hours, 54 lab hours. CSU

**COMM 250
Multimedia Reporting
3 Units
Grade Only**

Strongly Recommended: ENGL 099 or READ 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

**COMM 280
Magazine Production Staff
3 Units
Grade Only**

Strongly Recommended: COMM 101.

A lecture/laboratory course in which the organization, formula, format, and production methods of magazines are studied and applied in the development of a college magazine. Activities include writing, editing, photography, art, layout, and production. 36 lecture hours, 54 lab 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 tech-

niques, 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 or READ 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 or READ 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 hair sculpting, 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 Units** **Grade Only**

Prerequisite(s): COS 140 or COS 141.

Strongly Recommended: ENGL 099 or READ 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. 40 lecture hours, 104 lab hours.

COS 152 **Beginning Chemical Hair** **Reformation**

4.5 Units
Grade Only

Prerequisite(s): COS 140 or COS 141.

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 or COS 141.

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 or COS 141.

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 or COS 141.

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 161A **Haircolor I** **4 Units** **Grade Only**

Prerequisite(s): COS 140 or COS 141 or concurrent enrollment.

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or COS 141.

Strongly Recommended: ENGL 099 or READ 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 or READ 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. Material fee. 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 or READ 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 or READ 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 or READ 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 or READ 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 181A
Hairsculpting I
4 Units
Grade Only

Prerequisite(s): COS 140 or COS 141 or concurrent enrollment. Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 re-

moval, 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 READ 099 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 199A
Esthetician I
8 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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.

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 or READ 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 or READ 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 or READ 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 hour. CSU

COUN 159
On Course to Success

3 Units

Grade or Pass/No Pass

This course will assist students in identifying the unique strengths they possess that will lead toward achieving academic mastery, career, and life success. Students will learn how they learn best and utilize this information to build a personal success plan. Through an exploration and critical analysis of the components of a successful student, students will analyze their reasons for attending college and develop a "success plan" that addresses maintaining motivation, goal setting, improving communica-

tion, and maintaining self-esteem, detailing how they may overcome obstacles. 54 lecture hours.

COUN 160
Strategies for College Success

3 Units

Grade Only

Strongly Recommended: ENGL 099 or READ 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/Families

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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

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

DANC 263 Dance for Musical Theatre
DANC 265 Musical Staging: Rehearsal and Performance

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

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 bal-

let, 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 or READ 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 263
Dance for Musical Theatre
4 Units

Grade or Pass/No Pass

Co-Requisite(s): MUSP 120 or MUSP 121.

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 basic ballet positions and exercises and basics in tap. Concepts of the history of dance in musical stage will also be explored. 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 265
Musical Staging: Rehearsal and Performance
2 Units

Grade or Pass/No Pass

Co-Requisite(s): DANC 263.

Special rehearsal and public performance above and beyond normal class expectations. 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. 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 and/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 Dental Assisting Program trains students in the duties of a registered dental assistant as identified in the California Dental Practice Act. Training includes a variety of supportive duties, front office, and laboratory skills as well as training in providing direct patient care. This program combines theory with hands-on experience in local dental offices. Students who successfully complete the course sequence are eligible to take the California Licensing Examination and the National Certification Exam. They will also earn a Radiation Safety Certificate, a Coronal Polish Certificate and a Pit and Fissure Sealant Certificate. Both the Dental Board of California and the Commission of Dental Accreditation of the American Dental Association accredit the program.

Dental Assisting Courses

DENT 099
Introduction to Dental Assisting
1 Unit

Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 pre-clinical 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 and/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 or READ 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, DENT 122, DENT 123 and DENT 124.*

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 or READ 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.

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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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, gen-

eral 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 or READ 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 Hazmat 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 or READ 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 or READ 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 or READ 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 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 non-fiction 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.

Exploration of culturally diverse literary texts in multiple genres that express a variety of historical, geographical, and cultural perspectives. Development of critical thinking skills including analysis and interpretation leading to compositions in which cross-cultural awareness is emphasized. 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 or READ 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 120
Introduction to Women's Literature
3 Units
Grade Only

Strongly Recommended: ENGL 101.

This course emphasizes culturally diverse texts written by and about women. Using a variety of literary genres, including short fiction, novel, poetry, drama, and film, students will critically analyze cultural roles and images of women from a variety of theoretical perspectives. Students will explore the challenges women have faced, the biologically and socially constructed roles they have assumed and sometimes rejected, and the successes and accomplishments they have achieved in a predominantly patriarchal climate. 54 lecture hours. CSU;UC

ENGL 210
Creative Writing I
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 099 if required by English placement exam or if required by English level. Also, ENGL 103 or ENGL 103H.

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 or READ 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 or READ 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 or READ 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 or READ 099 if required by English placement exam or if required by English level.

Significant works of major British poets, novelists, and essayists from the nineteenth and twentieth centuries are studied from an historical perspective with an emphasis on the Romantic and Victorian periods. 54 lecture hours. CSU;UC

ENGL 261
Introduction to U.S. American Literature I
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 262
Introduction to U.S. American Literature II
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 Civil War to the present. Students examine specific literary works and their contributions to our culture, the continuation of traditional themes and the emergence of new forms and themes. 54 lecture hours. CSU;UC

ENGL 271
Introduction to World Literature: Ancient - Early Modern
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 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 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 or READ 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 296
Introduction to Folklore
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

An introductory survey course which includes the basic concepts and vocabulary of traditional folklore and literature. This course emphasizes content, form, process, and context of traditional oral, customary, and material culture: speech and names, riddles, proverbs, folk tales, ballads, myths, customs, festivals, games, crafts, drama, food, etc. 54 lecture hours. CSU;UC

ENG 298
Literature of the Bible
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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 135
Engineering Mechanics: Statics
3 Units
Grade Only

Prerequisite(s): PHYS 201 and MATH 190.

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A vectorial treatment of the principles of statics with application to engineer-

ing 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

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.

Geology Courses

ESCI 106 Earth and Space Science for Educators 4 Units Grade Only

Prerequisite(s): MATH 030 or concurrent enrollment.
Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 140 The Geology of Death Valley National Park 2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099

or READ 099 if required by English placement exam or if required by English level.

A study of the geologic materials and processes in Death Valley National

Park. The primary emphasis is on the unique geomorphology and tectonic history of the park. Course also includes the study of regional minerals and rocks, Aeolian processes, and tectonic features. Includes a weekend trip to the region. A transportation/activities fee may be charged. 36 lecture hours. CSU

ESCI 141
The Geology of Yosemite National Park

2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A study of the geologic materials and processes in Yosemite National Park. The primary emphasis is on the unique geomorphology and tectonic history of the park. Course also includes the study of regional minerals and rocks, igneous processes, glacial processes, and tectonic features. Includes a weekend trip to the region. A transportation/activities fee may be charged. 36 lecture hours. CSU

ESCI 142
The Geology of Channel Islands National Park

2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A study of the geologic materials and processes in Channel Islands National Park. The primary emphasis is on the unique geomorphology and tectonic history of the park. Course also includes the study of regional minerals and rocks, coastal processes, and tectonic features. Includes a weekend trip to the region. A transportation/activities fee may be charged. 36 lecture hours. CSU

ESCI 143
The Geology of Joshua Tree National Park

2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if

required by English level.

A study of the geologic materials and processes in Joshua Tree National Park. The primary emphasis is on the unique geomorphology and tectonic history of the park. Course also includes the study of regional minerals and rocks, desert processes, and tectonic features. Includes a weekend trip to the region. A transportation/activities fee may be charged. 36 lecture hours. CSU

ESCI 145
The Geology of Sequoia National Park

2 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A study of the geologic materials and processes in Sequoia National Park. The primary emphasis is on the unique geomorphology and tectonic history of the park. Course also includes the study of regional minerals and rocks, glacial processes, and tectonic features. Includes a weekend trip to the region. A transportation/activities fee may be charged. 36 lecture hours. CSU

ESCI 146
The Geology of Kings Canyon National Park

2 Units

Grade or Pass/No Pass

A study of the geologic materials and processes in Kings Canyon National Park. The primary emphasis is on the unique geomorphology and tectonic history of the park. Course also includes the study of regional minerals and rocks, igneous processes, glacial processes and tectonic features. A transportation/activities fee may be charged. May include a backpacking trip to the region with strenuous physical activity. 36 lecture hours. CSU

ESCI 180
Introduction to Geographic Information Systems

4 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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

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 course for high-beginning English language students providing practice in the four language skills: listening, speaking, reading and writing. Emphasis on production and comprehension of simple phrases basic sentence construction, introductory reading 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 low-intermediate 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.
Strongly Recommended: For students enrolled in ESL Level 3 core courses.

A course for intermediate English lan-

guage students providing additional practice in the four language skills - listening, speaking, reading and writing. Emphasis on vocabulary building, developing fluency in speaking, increasing written sentence complexity and developing reading skills. 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 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.

Strongly Recommended: For students enrolled in ESL level 4 core courses.

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 lec-

ture 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 in writing and speaking. Intensive review and oral and written practice of syntactic structures such as verb tense, passive voice gerunds and infinitives, and modal 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 or successful completion of ESL level 4 core courses.*
Strongly recommended: *Concurrent enrollment in or successful completion of ESL 100.*

This 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. 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 parallels ENGL 100, preparing 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, 9 lab hours. UC

ESL 101
Reading and Composition
3 Units
Grade Only

Prerequisite(s): *ESL 100 or placement in ESL Level 6 on the Accuplacer assessment test.*

A composition and reading course. Instruction and practice in expository writing and research techniques. The course content parallels ENGL 101, differing in that the reading is primarily non-fiction. (See counselor regarding UC transferability). 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 or READ 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 or READ 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 clear cutting are evaluated. 54 lecture hours. CSU;UC

FOR 103
Plant Identification
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A course examining plant identification with emphasis on wild land 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 or READ 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 or READ 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 or READ 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

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 or READ 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 or READ 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 or READ 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 high school German. Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 105

History of World Civilization - The 20th Century

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A survey of the political, economic, social and intellectual forces present in the 20th century. An examination of the global conflicts and encounters that shaped ideas, institutions, and social structures on a global scale. 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 or READ 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 or READ 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 or READ 099 or placement is based on multiple measures. 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 or READ 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 or READ 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 or READ 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 or READ 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 127

Spanish Civilization

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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. HIST 127 and SPAN 127 are the same course. 54 lecture hours. CSU;UC

HIST 130
Latin American Culture and Civilization

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 099 if required by English placement exam or if required by English level.

Students who have previously taken HIST 130 may not receive credit for this course.

The course is a survey of the social, economic and political history of Latin America from independence to the present. 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 or READ 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 099 or READ 099 if required by English placement exam or if required by English level.

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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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

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 or READ 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 or READ 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 or READ 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. Non Transferable

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 or READ 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 transfer;
- 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 101 Badminton 1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 142

Swimming - Beginning

1 Unit

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 170

Fitness for Life

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 Kinesiology

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course explores the history and principles of kinesiology, exercise science, and sport. The objectives are to define and investigate the importance of kinesiology education with a view toward developing of 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 nu-

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. 54 lab hours. CSU

KINC 107**Physical Conditioning for Varsity Softball****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 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. 54 lab hours. CSU

KINC 108**Physical Conditioning for Varsity Baseball****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 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. 54 lab hours. CSU

KINC 109**Physical Conditioning for Varsity Swimming****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 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. 54 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****1.0 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****0.5 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. 27 lab hours.

KINC 132**Off Season Conditioning for Varsity Soccer****0.5 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 soc-

cer. This course may be taken four times. 27 lab hours.

KINC 133**Off Season Conditioning for Varsity Water Polo****0.5 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. 27 lab hours.

KINC 134**Off Season Conditioning for Varsity Football****0.5 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. 27 lab hours.

KINC 135**Off Season Conditioning for Varsity Cross Country****1.0 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. 27 lab hours.

KINC 137**Off Season Conditioning for Varsity Softball****0.5 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. 27 lab hours.

KINC 138

Off Season Conditioning for Varsity Baseball

0.5 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. 27 lab hours.

KINC 139

Off Season Conditioning for Varsity Swimming

0.5 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. 27 lab hours.

KINC 145

Strength Training, Balance and Agility for Varsity Athletes

0.5 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. 27 lab hours. CSU

KINC 209

Women's Varsity Soccer

2 Units

Grade or Pass/No Pass

Must possess advanced soccer skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity soccer. This course may be taken four times. 160 lab hours. CSU;UC

KINC 211

Women's Varsity Volleyball

2 Units

Grade or Pass/No Pass

Must possess advanced volleyball skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity volleyball. This course may be taken four times. 160 lab hours. CSU;UC

KINC 212

Varsity Swimming

2 Units

Grade or Pass/No Pass

Must possess 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. 160 lab hours. CSU;UC

KINC 213

Women's Varsity Basketball

2 Units

Grade or Pass/No Pass

Must possess advanced basketball skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity basketball. This course may be taken four times. 160 lab hours. CSU;UC

KINC 214

Women's Varsity Softball

2 Units

Grade or Pass/No Pass

Must possess advanced softball skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity softball. This course may be taken four times. 160 lab hours. CSU;UC

KINC 215

Varsity Track and Field

2 Units

Grade or Pass/No Pass

Must possess 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

2 Units

Grade or Pass/No Pass

Must possess 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. 160 lab hours. CSU;UC

KINC 220

Varsity Football

2 Units

Grade or Pass/No Pass

Must possess advanced football 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 football. This course may be taken four times. 160 lab hours. CSU;UC

KINC 221

Men's Varsity Basketball

2 Units

Grade or Pass/No Pass

Must possess 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

Must possess advanced baseball skills to participate in a competitive collegiate experience.

Intercollegiate competition in men's varsity baseball. This course may be taken four times. 160 lab hours. CSU;UC

KINC 225

trition 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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. Material fee. 54 lecture hours. CSU;UC

KIN 184
Volleyball Theory
2 Units

Grade or Pass/No Pass
Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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
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 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. 54 lab hours. CSU

KINC 102
Physical Conditioning for Varsity Soccer
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 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. 54 lab hours. CSU

KINC 103
Physical Conditioning for Varsity Water Polo
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 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. 54 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. 27 lab hours. CSU

KINC 105
Physical Conditioning for Varsity Cross Country
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 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. 27 lab hours. CSU

KINC 106
Physical Conditioning for Varsity Golf
1 Unit

Men's Varsity Golf
2 Units

Grade or Pass/No Pass

Must possess advanced golf skills to participate in a competitive collegiate program.

Intercollegiate competition in men's varsity golf. This course may be taken four times. 160 lab hours. CSU;UC

KINC 227

Women's Varsity Golf
2 Units

Grade or Pass/No Pass

Must possess advanced golf skills to participate in a competitive collegiate experience.

Intercollegiate competition in women's varsity golf. This course may be taken four times. 160 lab hours. CSU;UC

KINC 229

Men's Varsity Water Polo
2 Units

Grade or Pass/No Pass

Must possess 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. 160 lab hours. CSU;UC

KINC 230

Women's Varsity Water Polo
2 Units

Grade or Pass/No Pass

Must possess 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. 160 lab hours. CSU;UC

KINC 231

Men's Varsity Soccer
2 Units

Grade or Pass/No Pass

Must possess advanced soccer skills to participate in a competitive collegiate experience.

Intercollegiate competition in men's varsity soccer. This course may be taken four times. 160 lab hours. CSU;UC

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 as the cornerstone of leadership.

LEAD 103

Foundations of Leadership
3 Units

Grade Only

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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

Pre-Algebra
4 Units

Grade or Pass/No Pass

Prerequisite(s): MATH 020 or placement is based on multiple assessment measures.

Strongly Recommended: ENGL 099 or READ 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 including cut-scores.*

Strongly Recommended: *ENGL 099 or READ 099 if required by English placement exam or if required by English level.*

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 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 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 or placement is based on multiple assessment measures. Also, MATH 149 or MATH 150.*

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 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 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 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 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.

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 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 or READ 099 if required by English placement exam or if required by English level.

Intended for motorcycle technology majors, this class serves as the prerequisite 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 or READ 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 or READ 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-, 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 or READ 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 or READ 099 if required by English placement exam or if required by English level. Also, MATH 115 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

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. New courses are in blue.

Developmental

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
 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 110 – Pop/Cumbia Ensemble I

MUSC 112 – Pop/Salsa Ensemble I

MUSC 204 – Pop, Rock, and Jazz Performance Styles II

Chamber Music

MUSC 142 – Jazz Combos

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

MUSP 162 – Handbell Ensemble

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
 MUSE 288 – Electronic Music III
 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

Career Development

MUSC 118 – Music Performance for Events
 MUSC 170 – Citrus Singers Summer Ensemble (Classical)
 MUSC 171 – Citrus Singers Tour

Ensemble (Pop)
 MUSC 172 – Women’s Tour Ensemble
 MUSC 175 – Jazz Ensemble Tour
 MUSC 177 – Professional Performance Techniques
 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

Prerequisite(s): 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.

This course may be taken four times. 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 stylings 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. 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 110
Pop/Cumbia Ensemble I
2 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Co-Requisite(s): MUSP 290 or MUSP 291 or MUSP 292.

A course for vocalists and instrumentalists in the study, rehearsal, and performance of Cumbia, Vallenato, Merengue, Corridos, and Rancheras and other Central and Interior and South American musical styles (notably excluding Mariachi) with a focus on the medium size (15-20) ensemble setting. Students will explore the rhythmic and stylistic idiosyncrasies of this group of Latin American musical styles in sectional and full ensemble settings, with the intention of public performance. Public performance required. 36 lecture hours, 36 lab hours. CSU;UC

MUSC 112
Pop/Salsa Ensemble I
2 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Co-Requisite(s): MUSP 290 or MUSP 291 or MUSP 292.

A course for vocalists and instrumentalists in the study, rehearsal, and performance of Salsa, Merengue, Bolero and other Caribbean and Coastal South American musical styles with a focus on the medium size (15-20) ensemble setting. Students will explore the rhythmic and stylistic idiosyncrasies of this group of Latin American musical styles in sectional and full ensemble settings, with the intention of public performance. Public performance required. 36 lecture hours, 36 lab hours. CSU;UC

MUSC 118
Music Performance for Events
1 Unit
Grade Only

Prerequisite(s): Audition.

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. 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. CSU;UC

MUSC 122
Jazz Ensemble
4 Units

Grade Only

Prerequisite(s): Audition. Successful completion of MUSE 070 or MUSE 090 will support audition success.

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): MUSC 122 and Audition.

Advanced study and performance of jazz and big band music. This course applies jazz techniques to performance situations for the large ensemble. 36 lecture hours, 108 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. CSU

MUSC 131
Studio Orchestra II
4 Units

Grade Only

Strongly Recommended: MUSC 130.

An intermediate study of the studio environment including recording of various musical styles. Public and studio performance required. 36 lecture hours, 126 lab hours. 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
1 Unit

Grade Only

Prerequisite(s): Audition.

Students will work extensively on improvisation and small group techniques. The study of standard "bebop" tunes and their application in the small group will be covered. This class

will be divided into small 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. CSU;UC

MUSC 151
Songwriting I
2 Units
Grade or Pass/No Pass

Strongly Recommended: MUSE 100.

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.

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 or READ 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
Citrus Singers Summer Ensemble (Classical)
4 Units
Grade Only

Prerequisite(s): Audition.

An advanced course for the vocal performance major. Advanced classical vocal techniques in a professional quality performance/tour setting. 54 lecture hours, 54 lab hours. CSU;UC

MUSC 171
Citrus Singers Tour Ensemble (Pop)
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 setting. 54 lecture hours, 54 lab hours. CSU;UC

MUSC 172
Women's Tour Ensemble
4 Units
Grade or Pass/No Pass
Prerequisite(s): Audition.

This course prepares the student for a unique ensemble experience through classroom instruction, laboratory training, and performance. Emphasis on solo as well as ensemble study and performance of vocal compositions combined with an in-depth travel experience. Public performance required. 54 lecture hours, 54 lab hours. CSU

MUSC 175
Jazz Ensemble Tour
7 Units
Grade Only

Prerequisite(s): Audition. Successful completion of MUSE 070 or MUSE 090 will support audition success.

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 II

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. 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.

Music Education Courses

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 performance 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): MUSC 102 and recommendation by instructor(s) of music courses which require knowledge of sight singing.

An introductory class for the music major. Practice and skill development in melodic and rhythmic dictation, intervals, and sight singing. Required of all music majors. 36 lecture hours. CSU;UC

MUSE 102
Harmony I

3 Units

Grade Only

Co-Requisite(s): MUSC 101.
Strongly Recommended: MUSC 100.

An introductory class in music theory for the music major. Study of scales, intervals, chord types, and harmonic progression. Required of all music majors. 54 lecture hours. CSU;UC

MUSE 103
Musicianship II

2 Units

Grade Only

Prerequisite(s): MUSC 101 and MUSC 102.

Co-Requisite(s): MUSC 104 and recommendation by instructor(s) of music courses which require knowledge of sightsinging.

Continuation of materials and skills developed in Muse 101. 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): MUSC 102.

Co-Requisite(s): MUSC 103.

Continuation of materials and skills developed in Muse 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 or READ 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 or READ 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

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

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 arranged. 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

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 MUSE 120, 121, and 220 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 225
Popular Piano Styles
2 Units
Grade or Pass/No Pass

Prerequisite(s): Audition.

This course acquaints the student with the musical concepts employed by the professional pianist in the commercial music field. Concepts include construction and identification of extended (jazz) chords, voicing, accompanying, fills, substitutions, and style in view of solo and ensemble playing. 36 lecture hours, 18 lab 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 techniques, 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 (MUSE 240). Course includes solo guitar playing techniques, and ensemble playing. 36 lecture hours. CSU;UC

MUSE 288
Electronic Music III
2 Units
Grade or Pass/No Pass

Prerequisite(s): MUSE 189.

Advanced theory and practice of electronic music synthesis including digital synthesizer components and electronic sound processing, recording, editing, and mixing techniques. Advanced MIDI applications. 36 lecture hours, 18 lab hours. CSU

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. 36 lecture hours, 54 lab hours. CSU;UC

MUSP 101
Concert Choir II-Intermediate
3 Units
Grade Only

Prerequisite(s): MUSP 100 or Audition.

Strongly Recommended: MUSE 130 or previous participation in choral ensembles.

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. 36 lecture hours, 54 lab hours. 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 108

Men's Ensemble

3 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Recommended for all male students interested in gaining knowledge of repertoire for the small men's vocal ensemble. Intensive preparation of choral literature for public concerts. Performance required. 36 lecture hours, 54 lab hours. CSU;UC

MUSP 110

Vocal Ensemble I Beginning

3 Units

Grade Only

Prerequisite(s): Audition.

Strongly Recommended: ENGL 099 or READ 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 performance required. 36 lecture hours, 54 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. 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 perform-

ance 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): MUSE 160 or 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): MUSE 161 or 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. 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. CSU;UC

MUSP 145
Wind Symphony I
4 Units

Grade Only

Prerequisite(s): Audition.
Successful completion of MUSE 090 will support audition success.

The study and performance of medium-advanced level wind band literature, with an emphasis on the development of high standards of personal and musical professionalism. Field trips required. 36 lecture hours, 108 lab hours. CSU;UC

MUSP 146
Wind Symphony II
4 Units

Grade Only

Prerequisite(s): Audition.

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. 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 162
Handbell Ensemble
1 Unit

Grade or Pass/No Pass

Co-Requisite(s): MUSP 120.

An advanced course for the music major. This course provides the skills of coordination, dexterity and musicianship through the use of 5-octave English handbells. Emphasis is placed on skills necessary for the development of professional quality musical performance in an ensemble setting. 9 lecture hours, 36 lab hours. CSU;UC

MUSP 170
Musical Theatre Academy Production
4 Units

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 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. CSU

MUSP 173
Musical Theatre Production I
Beginning

4 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

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. 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 200
Concert Choir III Intermediate/Advanced
3 Units

Grade Only

Prerequisite(s): MUSP 101 or 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. 36 lecture hours, 54 lab hours. CSU;UC

MUSP 201
Concert Choir IV - Advanced
3 Units
Grade Only

Prerequisite(s): MUSP 200 or 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. 36 lecture hours, 54 lab hours. 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 or READ 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 on 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 or READ 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 Cali-

fornia. There will be three to ten days of class depending on 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 or READ 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 on 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 or READ 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 on 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 or READ 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 or READ 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 on 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 or READ 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. The 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 or READ 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

2 Units

Grade Only

Co-Requisite(s): NRS 101.

Preparation of individuals to provide safe and proper nursing care and home care services to the elderly, ill, and infirm. Includes 27 hours in an extended care facility. 18 lecture hours, 54 lab hours.

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): BIOL 200, BIOL 201 and BIOL 220 and admission to the ADRN program.

Co-Requisite(s): RNRS 191 and RNRS 192.

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 and include campus laboratory and experiences in community settings. 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 and admission to the ADRN program

Co-Requisite(s): RNRS 190 and RNRS 192.

Introduction to concepts and practices

as they relate to the non-critical young adult through geriatric adult in the medical-surgical environment. Through utilization of the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Selected psychomotor skills associated with the basic needs, medication administration and intravenous therapy will be studied and practiced. Introduction to Medical-Surgical Nursing I introduces the first year nursing student to concepts and practices as they relate to the adult patient in the Medical-Surgical environment 36 lecture hours, 162 lab hours.

RNRS 192
Pharmacology for Nurses

2 Units

Grade Only

Prerequisite(s): BIOL 200, BIOL 201 and BIOL 220 and admission to the ADN program.

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 lec-

ture hours, 81 lab hours.

RNRS 194
Obstetrics/Maternity Nursing

3.5 Units

Grade Only

Prerequisite(s): RNRS 190, RNRS 191 and RNRS 192.

Co-Requisite(s): RNRS 193 and 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 or current licensure in California as a Licensed Vocational Nurse.

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course is designed to assist the LVN in transitioning from the LVN role to the expected role of the ADN student. Course content focuses on educational preparation for nursing, competencies expected of the graduate, critical thinking, communication, physical assessment, legal/ethical concerns and study skills. The on-campus lab provides opportunity for students to validate nursing skill and practice physical assessment skills. 36 lecture hours, 54 lab hours.

RNRS 201
Medical-Surgical Nursing III

5 Units

Grade Only

Prerequisite(s): RNRS 193, RNRS 194 and RNRS 195 or RNRS 200 and current standing as an LVN in California.

Co-Requisite(s): RNRS 203.

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course examines the nursing care of selected individuals throughout the lifespan who are experiencing complex alterations in wellness involving multiple systems. Care of clients experiencing a high-risk pregnancy and high-risk newborns is also included. 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 and current standing as a LVN in California.

Co-Requisite(s): RNRS 201.

Strongly Recommended: ENGL 099 or READ 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 or concurrent enrollment.

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 or READ 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.

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. This course is 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 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.

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

Co-Requisite(s): VNRS 160.

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.

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. This course is 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 for 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. Also, VNRS 181 or concurrent 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. Also, VNRS 170 and/or VNRS 171L 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 057**Computer Keyboarding****1 Unit****Grade or Pass/No Pass**

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course introduces touch keyboarding using a computer keyboard and is open to students with no previous keying experience. 18 lecture hours, 18 lab hours.

OFF 101**Introduction to Microsoft Office Applications****3 Units****Grade or Pass/No Pass**

Strongly Recommended: OFF 057.

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, PivotChart reports, and auditing worksheets, using data analysis, solver, and scenario features, using macros, and Visual Basic for applications, external data, database functions, side-by-side tables, and collaborating with others and preparing a workbook for distribution. 54 lecture hours, 18 lab hours. CSU

OFF 215**Introduction to Microsoft Outlook****2 Units****Grade or Pass/No Pass**

An introduction to a 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 or READ 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 require-

ments 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 or READ 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 or READ 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 or READ 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 or READ 099 if required by English placement exam or if required by English level.

A critical analysis of concepts of the good life and of morality as articulated by great philosophers, with the aim of cultivating awareness of the importance of a reasoned approach to such questions in one's own life. 54 lecture hours. CSU;UC

PHIL 110**Philosophy/Logic****3 Units****Grade Only**

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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. 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 or READ 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 or READ 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. 54 lecture hours, 54 lab hours. CSU;UC

PHYS 111C
Physics for Life Sciences I Calculus Supplement
1 Unit
Grade Only

Prerequisite(s): MATH 190 or concurrent enrollment.

Co-Requisite(s): PHYS 111.

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. (For transfer as a calculus-based physics course, students must take PHYS 112C concurrently.) 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 a pre- or co-requisite).

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

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 or READ 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 or READ 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 or READ 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 or READ 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 116
International Relations
3 Units**

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 de-

velopment through adolescence. Practices of investigative research methodologies, care giving, 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 Only

Prerequisite(s): PSY 101.
Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 Unit
Grade Only

Co-Reqesite(s): Enrollment in approved course as determined by honors program.

Strongly Recommended: ENGL 099 or READ 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 or READ 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. Other subjects include street tree programs, street painting and signs programs, street sweeping, weed control, watershed management, and other related subjects. 54 lecture hours.

PUB 151 **Street Construction and Maintenance** **3 Units**

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 099 if required by English placement exam or if required by English level. Also, MATH 115 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 or READ 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 or READ 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: Success-

ful completion of 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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): READ 040 or ESL 054 and/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 Course

REAL 210
Real Estate Principles
3 Units
Grade Only

Strongly Recommended: ENGL 099 or READ 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: economics, history, financing, deeds, leases, and partial preparation for California Real Estate Salesperson License Examination. 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 or READ 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. CSU

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 or READ 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. CSU

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. CSU

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. CSU

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. CSU

REC 140
Music Theory for Engineers
3 Units

Grade Only

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

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, rehearsal techniques and score reading is emphasized. 54 lecture hours. CSU

REC 145
Critical Listening Skills for Engineers
3 Units

Grade Only

Have passed a Multiple Measures Skills assessment.

Prerequisite(s): REC 100, REC 103 and REC 140 or have passed multiple measures skills assessment.

Co-Requisite(s): REC 105, REC 115, REC 125 and REC 135.

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. CSU

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. CSU

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. CSU

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. CSU

REC 255
Advanced Live Sound Reinforcement
4 Units

Grade Only

Prerequisite(s): REC 135.

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

This course focuses on advanced concepts in sound reinforcement; advanced mixing skills, system maintenance and 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 114

Marriage, Family, and Intimate Relations

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A consideration of the sociological and psychological factors which influence present day marriages and relationships. Course includes seminar discussions oriented toward understanding these influences as they relate to the individual. 54 lecture hours. CSU;UC

SOC 118

Minorities in America

3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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

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

Strongly Recommended: ENGL 099 or READ 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 or READ 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 or READ 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. SPAN 127 and HIST 127 are the same course. 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 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: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, fluency in Spanish or completion of SPAN 102.

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: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, fluency in Spanish or completion of SPAN 102.

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 vocabu-

lary 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 or READ 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 or READ 099 if required by English placement exam or if required by English level. Also, fluency in Spanish or completion of SPAN 210

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 or READ 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 or READ 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 or READ 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 or READ 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 or READ 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

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

Theatre 104 – Voice and Movement for the Actor
Theatre 201 – Stage Acting I Beginning
Theatre 202 – Stage Acting II Intermediate
Theatre 205 – Stage Acting III – Intermediate/Advanced
Theatre 206 – Stage Acting IV—Advanced

ACTING – Styles

Theatre 284 – Acting Shakespeare
Theatre 292 – Special Techniques in Acting

FILM AND TELEVISION

Theatre 211A – Camera Acting I – Beginning
Theatre 211B Camera Acting II – Intermediate
Theatre 211C Camera Acting III – Intermediate/Advanced
Theatre 211D Camera Acting IV – Advanced

DIRECTING

Theatre 241 – Fundamentals of Stage Directing

WRITING FOR STAGE AND SCREEN

Theatre 204 – Stage and Screenwriting

THEATRE PRODUCTION

Theatre 210 – Rehearsal and Performance in Production
(May be repeated)

EXPERIMENTAL THEATRE

Theatre 220 – Rehearsal and Performance II

Theatre 221 – Theatre Practicum/Special Projects I – Storytelling

Theatre 222 – Theatre Practicum/Special Projects II – Physical Life

Theatre 294 – Shakespeare in Production

TOURING AND REPERTORY

Theatre 250 – Theatre Appreciation

Theatre 290 – Citrus Theatre Academy

Theatre 293 – Theatre for Young Audiences

Theatre Arts Classes**THEA 101**

Introduction to Theatre Arts
3 Units

Grade Only

Strongly Recommended: ENGL 099

or READ 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 104

Voice and Movement for the Actor
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099

or READ 099 if required by English placement exam or if required by

English level. Also, THEA 201 or concurrent enrollment.

A 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, 36 lab hours. CSU;UC

THEA 120

Introduction to Tech for Theatre, TV and Film

3 Units**Grade Only**

Strongly Recommended: ENGL 099 or READ 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**

Co-Requisite(s): THEA 120.

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 or READ 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 or READ 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 or READ 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.

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

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**

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, THEA 120 and THEA 130.

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 or READ 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 or READ 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 204
Stage and Screenwriting

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. The class will concentrate on current work and/or ideas and examples will be drawn from scripts, videos, and films that have shaped our modern consciousness. 54 lecture hours, 18 lab hours. CSU

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. This course may be taken four times. 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 or READ 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 - Storytelling
3 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Strongly Recommended: ENGL 099 or READ 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 222
Theatre Practicum/Special Projects II - Physical Life
3 Units

Grade or Pass/No Pass

Prerequisite(s): Audition.

Strongly Recommended: ENGL 099 or READ 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 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 241
Fundamentals of Stage Direction
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.

A study of the director's approach to play analysis, casting, and rehearsal technique leading to a performance. Students will receive practical experience in directing short scenes. 36 lecture hours, 54 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 or READ 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 or READ 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

Strongly Recommended: ENGL 099 or READ 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 complete 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, 36 lab hours. CSU

THEA 284
Acting Shakespeare
3 Units

Grade or Pass/No Pass

Strongly Recommended: ENGL 099 or READ 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, 36 lab hours. CSU;UC

THEA 290
Citrus Theatre Academy

3 Units**Grade or Pass/No Pass****Prerequisite(s): Audition.****Strongly Recommended: ENGL 099 or READ 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 292**Special Techniques in Acting****3 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.**

Students will critically examine the Stanislavski Method of Acting and how it pertains to various acting styles. Examining stylized scenes and monologues from World Theatre will teach the student how the Method can be utilized in acting genres other than contemporary realism. 54 lecture hours, 18 lab hours. CSU;UC

THEA 293**Theatre for Young Audiences****3 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.**

An introduction to theatre for child audiences. Students are required to participate in a theatrical production for young audiences and lead children in creative dramatics. May include workshops. Along with on campus performances, may include a tour of a production. In-class and out-of-class rehearsals may be necessary to complete production. 54 lecture hours, 36 lab hours. CSU

THEA 294**Shakespeare in Production****3 Units****Grade or Pass/No Pass****Strongly Recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, THEA 284.**

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, 42 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 or READ 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. 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 depart-
ments 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**Non-Credit 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 retraining. Enrollment in noncredit classes is free and continues throughout the school year. All non-credit classes are subject to budget and attendance.

NC 001**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 at-

tend 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 or math placement exam.**

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 or math placement exam.**

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 or math placement exam.**

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 coun-**

selor 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, rewiring, and editing. In addition, students also learn to critique each others 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 others 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

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

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

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

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 217
Economics

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

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

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

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, and 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**

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, and 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**

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**

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**

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**

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 250
PLATO - Basic Reading, Writing and Mathematics

This course is designed for underprepared students, students looking to improve their basic skills prior to taking the assessment test, students seeking supplemental instruction to their credit courses, and students needing to improve their reading, writing and math skills in order to improve their employment opportunities. Students will work through a series of self-directed computer modules under the supervision of a faculty member. 72 lab hours.

NC 300
Academic ESL I

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

Academic ESL II facilitates the transi-

tion 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

This course develops basic English skills through the practice of listening, speaking, reading, and writing. 108 lecture hours.

NC 303
ESL B: Intermediate ESL

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 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 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 Rescuers

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 licensed 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 State Board of Barbering and Cosmetology 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 State Board of Barbering and Cosmetology 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 State Board of Barbering and Cosmetology licensed esthetician.

This course is an advanced skin care program for the licensed esthetician. This course provides the knowledge and skill 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 boutonnières 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 or READ 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 de-

vices. 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 or READ 099 if required by English placement exam or if required by English level. Also, 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**

Grade or Pass/No Pass

Strongly Recommended: NC 632.

This course covers the techniques to locate, identify, and correct the prob-

lems 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 712**Therapeutic Benefits of Music**

This course is designed for older Community Theatre provides theatrical training in the areas of improvisation, character development, vocal technique and performance technique. Depending on the age level involved, the course will culminate in either a production from a scripted play or from original material generated from the cast. Everyone is guaranteed a performance role. 54 lab hours.

NC 860**College Life**

The purpose of this course is to learn and adopt methods that promote success in college and in life. This course is designed to assist new or returning students in developing practical study skills to build a successful college experience on. Students will acquire skills in goal setting and exploration, time management, test taking, note taking and study skills, and gain an understanding of services offered on our campus. 18 lecture 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.

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 prohibited by law or by college or District regulation;

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 Life, 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/flashing, 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

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, 2009 through December 31, 2011, the following criminal offenses occurred on campus and were reported to Campus Safety and public agencies:

Offense	2009	2010	2011
Murder	0	0	0
Manslaughter	0	0	0
Sex Offense (Forced)	0	0	3
Sex Offense (Non Forced)	0	0	0
Robbery	1	1	1
Aggravated Assault	4	2	5
Burglary	1	5	3
Vehicle Theft	7	3	5
Arson	0	0	0
Drug Law Violation/ Arrest	1	5	1
Drug Law Violation/ Disciplinary Referrals*	—	—	12
Liquor Law Violation/ Arrest	8	3	4
Liquor Law Violation/ Disciplinary Referrals*	—	—	9
Illegal Weapons Possession Arrest*	0	0	0

Offense	2009	2010	2011
Illegal Weapons Possession/ Disciplinary Referrals*	0	0	1
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 calendar 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 Secu-

riety 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://srk.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 of 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

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)

Physical Education
B.S., California State
University, Fullerton; M.A.,
Azusa Pacific University

Brawner, Mary (1990)

Physical Education
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 Institute

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

Carr, Darrell (1990)

Photography
A.A., Citrus College; B.A.,
California State University,
Los Angeles

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

Dau, Carsten (1997)

English
B.A., M.A., Louisiana State
University

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)
Physical Education
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
- Greene, David** (2006)
Licensed Vocational Nursing
A.S., Citrus College; B.S., M.S., University of Phoenix
- Greenwell-Cunningham, Maia** (1997)
Sociology
B.A., University of Idaho; M.A., Washington 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)
Physical Education
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
- Harvey, Joseph** (1990)
Reading
B.A., M.A., City College of
New York
- 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
- Michelle Hernandez** (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
- Horton, Carol** (1995)
Vice President, Finance and
Administrative Services
B.S., Western Kentucky
University; M.Ed., University of
Louisville
- 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
- 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

Longyear, Alicia (2006)
Student Athletics
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

Lucido, Grace (2005)
Cosmetology
B.V.E., M.A., California State
University Long Beach

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

Merandi, Michael (1986)
Physical Education
B.S., M.A., California State
University, Los Angeles

Mercurio, Vincent R. (1988)
Disabled Student Programs
and Services
A.A., Citrus College; B.A.,
University of La Verne; M.A.,
Azusa Pacific University

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, Hyei (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
- Rabitoy, 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)
Physical Education
B.A., Mount Holyoke College;
M.S., Smith College
- Shimokawa, Kristie-Ann** (2006)
Noncredit Counseling and
Matriculation
B.A., University of Hawaii at
Manoa, Honolulu; 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
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
- 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
B.S., University of Phoenix
- 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/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

- | | | |
|---|---|---|
| <p>ABAS, AUDREY (2012)
DSP&S Counselor</p> <p>ALVARADO, BERTHA (1994)
Cosmetology</p> <p>ANDERSON, FRANK D. (1987)
Physical Education</p> <p>ANDRUS, GEORGEANN (1996)
Biological Sciences</p> <p>ANDRUS, PATRICIA (1989)
Nursing</p> <p>BAGGETT, PAT J. (2002)
Business</p> <p>BAKHIT, KATHY (2012)
Economics</p> <p>BARNEY, PATRICIA (1998)
Associate Dean of Letters</p> <p>BARTEL, BARTON (1997)
Dean of Faculty</p> <p>BARTON, EUGENE (1994)
Physics/Engineering</p> <p>BASONE, NELLIE (1994)
Cosmetology</p> <p>BEAN, ELIZABETH E. (1967)
Zoology</p> <p>BILLUPS, ROBERT E. (2000)
Mathematics</p> <p>BOHATCH, GENE (2010)
Director of International Trade Center</p> <p>BOLLINGER, BEN D. (2005)
Dean of Fine and Performing Arts</p> <p>BOWMAN, GALEN (1984)
Counseling</p> <p>BRADLEY, BETTY L. (1969)
Dental Assisting</p> <p>BRATT, GEORGE (1988)
Mechanical Technology</p> <p>BRIONES, ARTHUR M. (2004)
Dean of Counseling</p> <p>BROOKS, ERVALYN (2012)
Director of Cosmetology</p> <p>BUKOWSKI, MARY (1999)
Cosmetology</p> <p>BULLOCK, ROBERT S. (2001)
Art</p> <p>BURNETT, GARY A. (2001)
Physical Education</p> <p>BUSTIN, P. ELAINE (1987)
Medical Assisting</p> | <p>CAIN, PATRICK T. (2001)
Counseling</p> <p>CAMPBELL, WARREN (1992)
Social Sciences</p> <p>CARLSON, FREDERIC (1998)
Speech, Drama</p> <p>CARLSON, GEORGE (2002)
Astronomy</p> <p>CARVER, SALLY A. (2012)
Cosmetology</p> <p>CASEY, DAVID (2012)
Mathematics</p> <p>CASSEY, JOHN (2002)
Social Science</p> <p>CHANDLER, DONALD (1988)
Cosmetology</p> <p>CLARK, REGINALD (2005)
English</p> <p>CLAPROOD, ROBERT L. (2004)
Associate Dean of Physical Education Health and Athletics</p> <p>CLARK, CLARA (1995)
Vocational Nursing</p> <p>CLINE, GENA B. (1972)
College Nurse</p> <p>COLLATO, FRANCES (2001)
Director of Foundation and Grants</p> <p>COLLETT, WILLIAM (1983)
Cosmetology</p> <p>COLLINS, MARILYN (2006)
Director of Health Occupations</p> <p>COLVILLE, L. HOLLY (2012)
Spanish</p> <p>CONKLIN, AUGUST (1981)
Biological Science</p> <p>CONLY, EDWARD (1989)
Physical Education</p> <p>CORNETT, WILLIAM (2009)
Diesel Technology</p> <p>COX, MELANIE (2003)
Dean of Admissions and Financial Aid</p> <p>COX, THOMAS C. (2005)
Automotive Technology</p> <p>CULBERTSON, PATRICK (2008)
English as a Second Language</p> <p>CUMMINGS, SHULING (2011)
Mathematics</p> | <p>CUNNYNGHAM, WANDA (2008)
Dean of Career, Technical, Continuing and Contract Education</p> <p>DAMRON, TERRENCE (2006)
Dean of Science/Engineering and Health Occupations</p> <p>DENNINGHOFF, BEULAH (1982)
Vocational Nursing</p> <p>DESIDERIO, ANTHONY (1994)
Music</p> <p>DIAMOND, HELEN (1987)
Business</p> <p>DIAZ, JOSEPH (1984)
Counseling</p> <p>DIMIT, CAROL J. (2004)
Dental Assisting</p> <p>DOLD, JUDY (1999)
Dental Assisting</p> <p>DWYER, JOHN (1995)
Counseling</p> <p>EBERSOLD, LEO (1959)
Adult Education, Principal</p> <p>EDWARDS, NEIL (2002)
Physical Education</p> <p>EDWARDS, ROY G. (1987)
Mechanical Technology</p> <p>EMERICK, SYLVIA (1983)
Business</p> <p>ENDICOTT, HATTIE W. (1975)
Cosmetology</p> <p>ENG, MARILYN (2011)
Counseling</p> <p>ERICKSON, EDITH (2000)
Foreign Languages</p> <p>EVANS, ROBERT (2009)
Philosophy</p> <p>FISHER, CHARLES (2003)
Cosmetology</p> <p>FRENCH, UNA M. (1959)
Modern Languages</p> <p>GARBY, HELEN M. (1981)
English</p> <p>GASS, ADNEY D. JR. (1987)
Art</p> <p>GERFEN, THOMAS W. (2006)
Interim Dean CSIS</p> <p>GORELICK, GLENN A. (2007)
Biological Sciences</p> |
|---|---|---|

- 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
- HAYDEN, FLOYD S.** (1945)
Superintendent/President
- HERDEG, HAROLD L.** (1952)
Industrial Technology
- HERRING, DENNISON C.** (1979) Art
- HINRICHSEN, 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
- 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
- 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
- MERCURIO, BLAS** (1981)
Foreign Languages
- 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
- STRYCUA, 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 majors.

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.

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 Deficiency—Possession of fewer grade points than twice the units attempted.

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.

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 ti-

tle, 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.

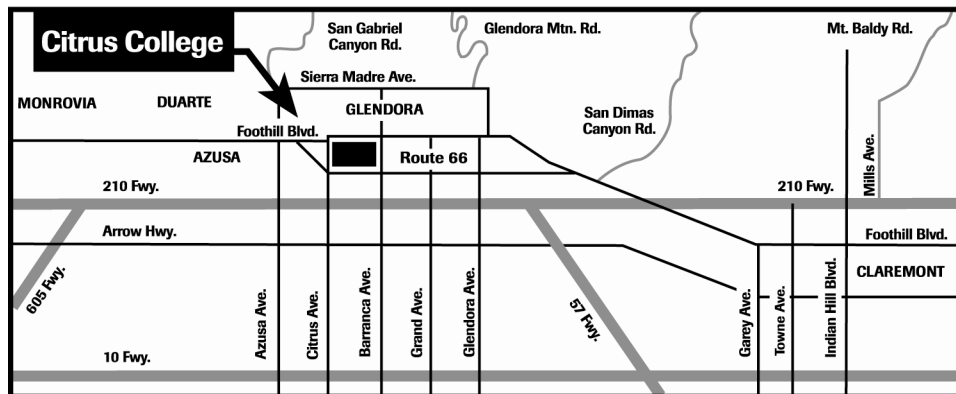
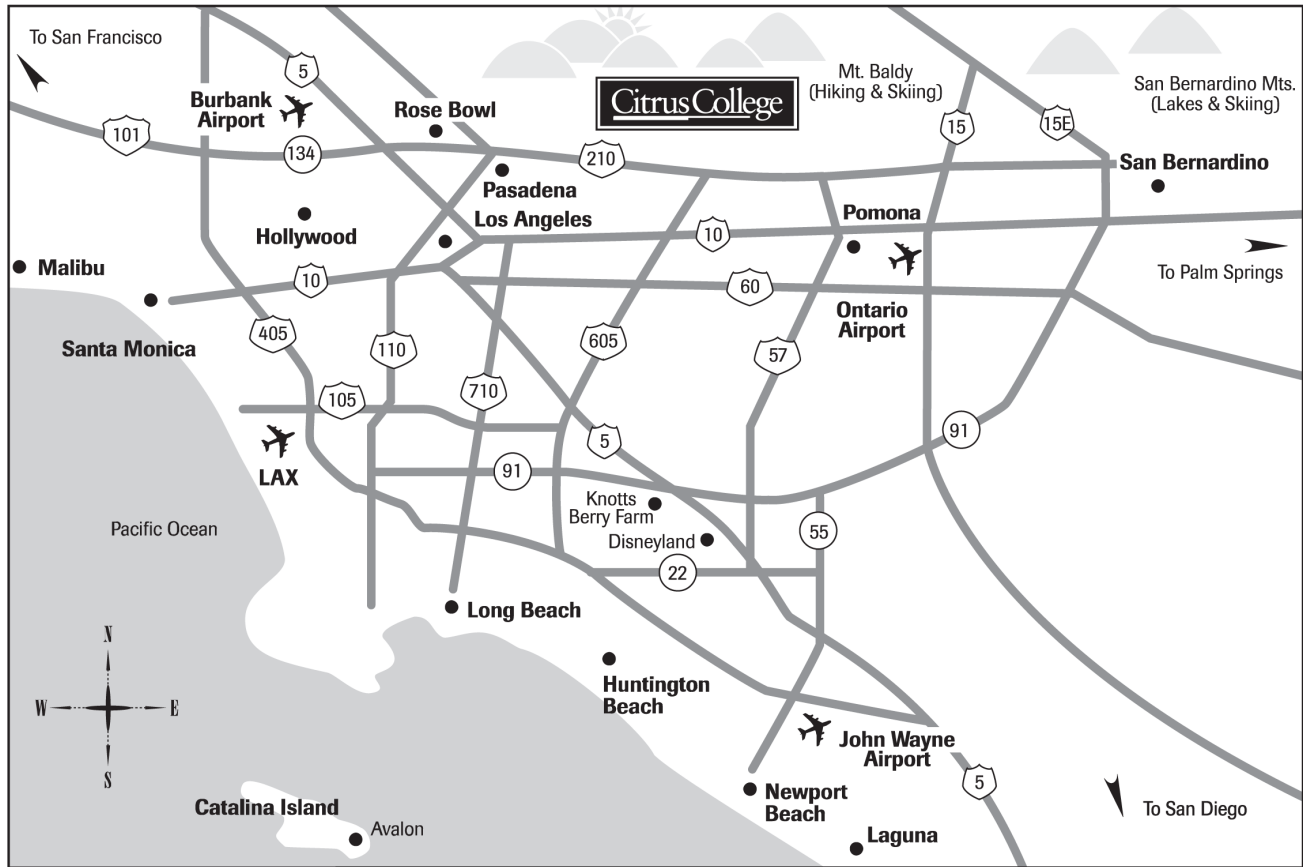
Transfer Courses—Courses for students planning to transfer to a four-year college/university. Courses transferable to the California State University system are indicated by "CSU" and those transferable to the University of California are indicated by "UC" next to the course number in this catalog.

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 vending machine, located in the S8 Lot. Handicapped parking is available in every lot. To use handicapped parking, you must have a DMV placard.