

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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Accounting

ACCT 100 ACCOUNTING

3 Units

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.
 31702 Borja, P. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS; After registering go to www.citruscollege.edu/de
Students required to take exams on campus.

ACCT 101 Financial Accounting

4 Units

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
 30020 Borja, P. MW 10:00 AM-12:05 PM LB 208 02/19-06/15
 30022 Smolin, R. TR 07:45 AM-09:50 AM LB 208 02/19-06/15
 30023 Borja, P. TR 12:15 PM-02:20 PM LB 208 02/19-06/15
 30028 Smolin, R. HRS-ARRG 02/19-06/15
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ACCT 102 Managerial Accounting

4 Units

Prerequisite: ACCT 101 with min. grade of C.
 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
 31840 Borja, P. MW 12:15 PM-02:20 PM LB 208 02/19-06/15
 30033 Borja, P. T 06:00 PM-10:15 PM LB 208 02/19-06/15
 30035 Smolin, R. HRS-ARRG 02/19-06/15
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ACCT 110 Income Tax Accounting

4 Units

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
 31865 Borja, P. T 02:30 PM-04:35 PM LB 208 02/19-06/15
 Borja, P. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de

Administration of Justice

AJ 111 Narcotics and Vice Control

3 Units

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
 31559 Hunt, S. R 07:00 PM-10:10 PM TE 153 02/19-06/15

AJ 121 Death Investigation

3 Units

Prerequisite: 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
 31086 Elias, B. T 07:00 PM-10:10 PM TE 153 02/19-06/15

AJ 135 Control and Supervision in Corrections

3 Units

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
 31750 Provencher, H. W 07:00 PM-10:10 PM TE 153 02/19-06/15

Anthropology

ANTH 210 Introduction to Cultural Anthropology

3 Units

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
 30766 Greenwell Cunni, M. TR 08:20 AM-09:45 AM LB 303 02/19-06/15
 30768 Greenwell Cunni, M. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

ANTH 212 Introduction to Physical Anthropology

3 Units

Corequisite: ANTH 212L.
 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 adaption 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
 30769 Greenwell Cunni, M. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

ANTH 212L Introduction to Physical Anthropology Lab

1 Units

Corequisite: 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
 30770 Greenwell Cunni, M. HRS-ARRG 02/19-06/15
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Architecture

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ARCH 100 Introduction to Architecture 3 Units

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

31606	Fernandes, R.	MW	08:00 AM-09:25 AM	PC 314	02/19-06/15
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ARCH 102 Visual Communication 2.5 Units

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

31612	Tabata, F.	TR	03:30 PM-04:35 PM	PC 309	02/19-06/15
	Tabata, F.	TR	04:45 PM-05:35 PM	PC 306	02/19-06/15

ARCH 110 Introduction to Architectural Communication and Functional Design 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, DRAF 101 or 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

31608	Fernandes, R.	MW	09:35 AM-10:25 AM	PC 306	02/19-06/15
	Fernandes, R.	MW	10:35 AM-12:40 PM	PC 309	02/19-06/15

ARCH 111 Basic Architectural Design 3 Units

Prerequisite: 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 is 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

31609	Fernandes, R.	MW	10:40 AM-12:50 PM	PC 309	02/19-06/15
	Fernandes, R.	MW	01:40 PM-02:30 PM	PC 306	02/19-06/15

ARCH 202 Architectural Design II 3 Units

Prerequisite: 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

31635	Fernandes, R.	MW	02:50 PM-03:40 PM	PC 304	02/19-06/15
	Fernandes, R.	MW	10:40 AM-12:50 PM	PC 306	02/19-06/15

ARCH 251 History of Architecture: Baroque to the Present Day 3 Units

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

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 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

31611	Fernandes, R.	MW	04:00 PM-05:25 PM	PC 314	02/19-06/15
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Art

ART 100 Art History and Appreciation - Fundamentals 3 Units

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

31593	Rusch, L.	M	06:10 PM-09:20 PM	AC 103	02/19-06/15
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ART 101 Art History and Appreciation-Ancient 3 Units

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

30414	Johnson, S.	T	01:05 PM-04:15 PM	AC 103	02/19-06/15
30415	Johnson, S.		HRS-ARRG		02/19-06/15

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ART 102 Art History and Appreciation - Medieval 3 Units

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

31890	Holmes, A.	TR	11:30 AM-12:55 PM	AC 103	02/19-06/15
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ART 103 Art History and Appreciation - Renaissance to Rococo 3 Units

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

31303	Rusch, L.	W	06:10 PM-09:20 PM	PA 133	02/19-06/15
30418	Johnson, S.		HRS-ARRG		02/19-06/15

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ART 140 Beginning Ceramics 3 Units

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

30465	Hillman, M.	M	06:10 PM-07:00 PM	AC 117	02/19-06/15
	Hillman, M.	M	07:10 PM-09:20 PM	AC 117	02/19-06/15
	Hillman, M.	W	06:10 PM-07:15 PM	AC 117	02/19-06/15
	Hillman, M.	W	07:30 PM-09:20 PM	AC 117	02/19-06/15

ART 145 Ceramic Design and Decoration 3 Units

Prerequisite: 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. This course may be taken four times. 36 lecture hours, 72 lab hours. CSU UC

30485	Hillman, M.	T	08:10 AM-09:00 AM	AC 118	02/19-06/15
	Hillman, M.	T	09:10 AM-11:20 AM	AC 118	02/19-06/15
	Hillman, M.	R	08:10 AM-09:15 AM	AC 118	02/19-06/15
	Hillman, M.	R	09:30 AM-11:20 AM	AC 118	02/19-06/15

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ART 149 Studio Problems in Ceramics 1 Units

Prerequisite: 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. This course may be taken four times. Material fee. 18 lecture hours, 18 lab hours. CSU UC

30486	Hillman, M.	M	06:10 PM-07:15 PM	AC 117	02/19-06/15
	Hillman, M.	W	06:10 PM-07:15 PM	AC 117	02/19-06/15
30487	Hillman, M.	T	08:10 AM-09:15 AM	AC 117	02/19-06/15
	Hillman, M.	R	08:10 AM-09:15 AM	AC 117	02/19-06/15

ART 153 Digital Media Productions I 3 Units

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. This course may be taken two times. Material fee. 36 lecture hours, 72 lab hours. CSU

30506	Jackson, M.	T	08:10 AM-09:00 AM	AC 101	02/19-06/15
	Jackson, M.	T	09:10 AM-11:20 AM	AC 101	02/19-06/15
	Jackson, M.	R	08:10 AM-09:15 AM	AC 101	02/19-06/15
	Jackson, M.	R	09:30 AM-11:20 AM	AC 101	02/19-06/15

ART 162 Computer Graphics I 3 Units

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 design and the designer in contemporary society and how computer technology plays a major part in this rapidly developing career field. Software includes: current software applications. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU

31909	Caughman, L.	M	02:50 PM-03:40 PM	AC 101	02/19-06/15
	Caughman, L.	M	03:50 PM-06:00 PM	AC 101	02/19-06/15
	Caughman, L.	W	02:50 PM-03:55 PM	AC 101	02/19-06/15
	Caughman, L.	W	04:10 PM-06:00 PM	AC 101	02/19-06/15

ART 168 Animation I 3 Units

Strongly Recommended: ART 150 and/or Portfolio review. Also, ENGL 099 or READ 099 if required by English placement exam or if required by English level. 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, and timing character development, and portfolio enhancement. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU

31294	Jackson, M.	M	08:10 AM-09:00 AM	AC 101	02/19-06/15
	Jackson, M.	M	09:10 AM-11:20 AM	AC 101	02/19-06/15
	Jackson, M.	W	08:10 AM-09:15 AM	AC 101	02/19-06/15
	Jackson, M.	W	09:25 AM-11:15 AM	AC 101	02/19-06/15

ART 189 Art Portfolio and Resume Production 3 Units

Prerequisites: 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 students'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.

30515	Jackson, M.	T	08:10 AM-09:00 AM	AC 101	02/19-06/15
	Jackson, M.	T	09:10 AM-11:20 AM	AC 101	02/19-06/15
	Jackson, M.	R	08:10 AM-09:15 AM	AC 101	02/19-06/15
	Jackson, M.	R	09:30 AM-11:20 AM	AC 101	02/19-06/15

ART 199 Motion Picture Appreciation 3 Units

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
30519 Villeneuve, T. HRS-ARRG 02/19-06/15
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32000 Connelly, T. M 05:25 PM-08:35 PM PA 133 02/19-06/15

ART 240 Advanced Ceramics I 3 Units

Prerequisite: 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. This course may be taken four times. Material fee. 36 lecture hours, 72 lab hours. CSU UC

30532	Hillman, M.	M	06:10 PM-07:00 PM	AC 118	02/19-06/15
	Hillman, M.	M	07:10 PM-09:20 PM	AC 118	02/19-06/15
	Hillman, M.	W	06:10 PM-07:15 PM	AC 118	02/19-06/15
	Hillman, M.	W	07:30 PM-09:20 PM	AC 118	02/19-06/15

ART 241 Advanced Ceramics II 3 Units

Prerequisite: 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. This course may be taken four times. Material fee. 36 lecture hours, 72 lab hours. CSU UC

30534	Hillman, M.	M	06:10 PM-07:00 PM	AC 118	02/19-06/15
	Hillman, M.	M	07:10 PM-09:20 PM	AC 118	02/19-06/15
	Hillman, M.	W	06:10 PM-07:15 PM	AC 118	02/19-06/15
	Hillman, M.	W	07:30 PM-09:20 PM	AC 118	02/19-06/15

ART 253 Digital Media Production II 3 Units

Prerequisite: 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. This course may be taken two times. Material fee. 36 lecture hours, 72 lab hours. CSU

30536	Jackson, M.	T	08:10 AM-09:00 AM	AC 101	02/19-06/15
	Jackson, M.	T	09:10 AM-11:20 AM	AC 101	02/19-06/15
	Jackson, M.	R	08:10 AM-09:15 AM	AC 101	02/19-06/15
	Jackson, M.	R	09:30 AM-11:20 AM	AC 101	02/19-06/15

Astronomy

ASTR 115 Planetary Astronomy 3 Units

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. 54 lecture hours. CSU UC

31012	Chan, L.	MW	11:30 AM-12:55 PM	MA 227	02/19-06/15
30444	Kaisler, D.	MW	01:05 PM-02:30 PM	MA 227	02/19-06/15
30447	Kaisler, D.	TR	09:55 AM-11:20 AM	MA 227	02/19-06/15
31880	Chan, L.	T	07:00 PM-10:10 PM	MA 227	02/19-06/15
30449	Chan, L.	R	07:00 PM-10:10 PM	MA 227	02/19-06/15
30454	Kary, D.	HRS-ARRG			02/19-06/15

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ASTR 115H Planetary Astronomy - Honors 3 Units

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
30442 Kary, D. MW 08:20 AM-09:45 AM MA 227 02/19-06/15

ASTR 116 Stellar Astronomy 4 Units

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
30460 Kaisler, D. TR 05:25 PM-06:50 PM MA 227 02/19-06/15
Lab section only. Lecture section CRN 30476 or 30480 also required.
30466 Kary, D. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Lecture section only. Lab section CRN 30472 or 30478 also required.
30472 Schwitkis, K. M 07:00 PM-10:10 PM MA 227 02/19-06/15
Lab section only. Lecture section CRN 30466 also required.
30476 Kaisler, D. T 01:00 PM-04:10 PM MA 227 02/19-06/15
Lab section only. Lecture section CRN 30460 also required.
30478 Schwitkis, K. W 07:00 PM-10:10 PM MA 227 02/19-06/15
Lab section only. Lecture section CRN 30466 also required.
30480 Kaisler, D. R 01:00 PM-04:10 PM MA 227 02/19-06/15
Lab section only. Lecture section CRN 30460 also required.

ASTR 117 Life In The Universe 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030. The original 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
30482 Kaisler, D. MW 09:55 AM-11:20 AM MA 227 02/19-06/15

Automotive - Auto, Lt Truck

AUTO 100 Automotive Technology and Maintenance for the Consumer 3 Units

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
31954 Vinci, D. MW 06:30 PM-07:20 PM TE 104 02/19-06/15
Vinci, D. MW 07:30 PM-08:35 PM AA 101 02/19-06/15

AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair 5 Units

Strongly recommended: ENGL 099 or READ 099 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
30550 Mallory, R. MW 01:00 PM-03:05 PM TE 103 02/19-06/15
Mallory, R. MW 03:15 PM-04:35 PM AA 101 02/19-06/15
30551 Gonzalez, J. TR 01:00 PM-03:05 PM TE 103 02/19-06/15
Gonzalez, J. TR 03:15 PM-04:35 PM AA 101 02/19-06/15
31989 Bender, T. MW 06:00 PM-08:05 PM TE 103 02/19-06/15
Bender, T. MW 08:15 PM-09:35 PM AA 101 02/19-06/15

30552 Clark, J. TR 06:00 PM-08:05 PM TE 103 02/19-06/15
Clark, J. TR 08:15 PM-09:35 PM AA 101 02/19-06/15

AUTO 154 Chassis Service, Diagnosis, and Repair 8 Units

Prerequisite: 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 National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative 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
30564 Brown, D. WR 08:00 AM-10:50 AM TE 104 02/19-06/15
Brown, D. WR 11:00 AM-03:15 PM TD 134 02/19-06/15

AUTO 156 Automotive Electrical & Electronic Systems I 5 Units

Prerequisite: 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 National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. This class 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, and instrument-panel warning lights. Prepares students for ASE Electrical & Electronic Systems (A6) certification. 68 lecture hours, 72 lab hours. CSU
30566 Brown, D. MT 08:00 AM-09:50 AM TE 103 02/19-06/15
Brown, D. MT 10:00 AM-12:05 PM AA 101 02/19-06/15
30570 Korn, D. WR 08:00 AM-09:50 AM TE 103 02/19-06/15
Korn, D. WR 10:00 AM-12:05 PM AA 101 02/19-06/15

AUTO 162 Drivetrain Service, Diagnosis and Repair 8 Units

Prerequisite: 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 National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative 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
30583 Clark, J. MT 08:00 AM-10:50 AM TE 104 02/19-06/15
Clark, J. MT 11:00 AM-03:15 PM TD 131 02/19-06/15

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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AUTO 168 Engine Control Systems Service, Diagnosis and Repair 8 Units

Prerequisite: AUTO 151 and AUTO 166.

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. The course covers essential engine management systems theory, along with inspection, diagnosis, service and repair of the following systems: ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. This course prepares students for ASE Engine Performance (A8) certification. 108 lecture hours, 135 lab hours. CSU

30584	Rubio, M.	WR	07:30 AM-10:35 AM	TE 105	02/19-06/15
	Rubio, M.	WR	10:45 AM-02:50 PM	TD 137	02/19-06/15

AUTO 230B Automotive Service and Repair Work Experience B 2 Units

Recommended Skills: AUTO 101, 151, 154, 156, 162, 166, 167 and 168 SLOs. Strongly recommended: Completion of 16 units in automotive technology coursework.

Limitation on Enrollment: Department consent required prior to enrollment. 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 advisor. Lab hours are arranged and completed at the place of employment. This AUTO 230 course may be taken four times for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 320 lab hours arranged.

30889	Clark, J.		HRS-ARRG	TE 115	02/19-06/15
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The lectures will meet on the following Wednesdays: February 27, March 27, April 24, May 22, June 12 at 6:30PM - 8:30PM. Location: TE 115

AUTO 230C Automotive Service and Repair Work Experience C 3 Units

Strongly recommended: Completion of 16 units in automotive technology coursework.

Limitation on Enrollment: Department consent required prior to enrollment. 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 advisor. Lab hours are arranged and completed at the place of employment. The AUTO 230 A-D series of courses may be taken in any combination for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 480 lab hours arranged.

30890	Clark, J.		HRS-ARRG	TE 115	02/19-06/15
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The lectures will meet on the following Wednesdays: February 27, March 27, April 24, May 22, June 12 at 6:30PM - 8:30PM. Location: TE 115

AUTO 281 Advanced Toyota Certified Technician Training 6.5 Units

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

Other: Currently a full-time journeyman level technician with two years of dealership experience or four years experience at an independent repair facility or completion of 1080 hours of NATEF-Master certificated post-secondary automotive training program with at least 12 months of technician experience or successful completion of all requirements of the Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician. Certificate of Achievement except the AUTO 281 course. An advanced-level course specifically designed to meet the Toyota Certified Technician Program requirements for certification in the following University of Toyota technical training courses: 021, 263, 302, 453, 553, 623, 652, 753, and 852. Only individuals meeting the requirement of the T-TEN Professional Certificate or the current T-TEN students that have completed the NATEF core classes may attend. Classes are offered Pass/No Pass only. 88 lecture hours, 88 lab hours.

30953	Rubio, M.	TR	06:00 PM-08:15 PM	TE 104	02/19-06/15
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	Rubio, M.	TR	08:25 PM-09:55 PM	TD 137	02/19-06/15
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Class will also meet on the following Saturdays: March 16, March 30, April 20, May 4, June 8 8:00am - 3:50pm. Location: TE 115

AUTO 296 Cylinder Head Development 4 Units

Prerequisite: 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 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.

31605	Korn, D.	MW	06:00 PM-07:25 PM	TE 105	02/19-06/15
	Korn, D.	MW	07:35 PM-09:00 PM	TD 121	02/19-06/15

Biology

BIOL 102 Human Genetics 3 Units

Prerequisite: MATH 030.

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

General principles of genetics and reproduction in wellness and disease as applied in 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

31027	Goedhart, C.		HRS-ARRG		02/19-06/15
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus.

BIOL 104 Biology: Contemporary Topics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

31309	Lee, M.	MW	01:05 PM-02:30 PM	LH 103	02/19-06/15
31960	Stepp-Bolling, C.	MW	05:25 PM-06:50 PM	PS 106	02/19-06/15
31565	Dery, K.	TR	05:25 PM-06:50 PM	P3 105	02/19-06/15
31016	Dery, K.	M	07:00 PM-10:10 PM	LH 103	02/19-06/15
31064	Dery, K.	T	07:00 PM-10:10 PM	PS 113	02/19-06/15
31961	Stepp-Bolling, C.	W	07:00 PM-10:10 PM	PS 106	02/19-06/15
31015	Villeneuve, L.	R	07:00 PM-10:10 PM	LH 103	02/19-06/15
31883	Anderson-McGill, T.	F	08:00 AM-11:10 AM	LH 101	02/19-06/15
31889	Hollenshead, M.	F	11:00 AM-02:10 PM	LH 103	02/19-06/15

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
<p>BIOL 105 General Biology 4 Units</p> <p>Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030, and high school biology or chemistry.</p> <p>A general biology course, lecture and laboratory, for non-majors, with emphasis upon molecular biology, cell structure and function, energy relationships, nutrient processing, reproduction and development, genetics and 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</p>						<p>Prerequisite: MATH 150.</p> <p>A principles of biology course designed for biology majors and pre-med students. Detailed study of the 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</p>					
30002	Goodman, R.	MW	08:20 AM-09:45 AM	LH 103	02/19-06/15	31721	Montes, M.	MW	09:15 AM-11:20 AM	PS 107	02/19-06/15
30037	Han, J.	MW	09:55 AM-11:20 AM	LH 101	02/19-06/15	<p>BIOL 145 Environmental Science 3 Units</p> <p>Strongly recommended: BIOL 104 or BIOL 105. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.</p> <p>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</p>					
30039	Kondo, A.	MW	11:30 AM-12:55 PM	LH 101	02/19-06/15	31722	Montes, M.	M	11:30 AM-02:40 PM	LS 118	02/19-06/15
30041	Juncosa, B.	MW	01:05 PM-02:30 PM	LH 101	02/19-06/15	31723	Montes, M.	M	03:00 PM-06:10 PM	LS 118	02/19-06/15
30043	Harfouche, Y.	MW	03:50 PM-05:15 PM	LH 101	02/19-06/15	<p>BIOL 201 Human Physiology 4 Units</p> <p>Prerequisites: BIOL 200 and CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.</p> <p>An advanced course in human physiology emphasizing muscle, nerve, circulation, respiration, excretion, digestion, and reproduction systems. Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU UC</p>					
31061	Goedhart, C.	MW	05:25 PM-06:50 PM	LH 101	02/19-06/15	30268	Kondo, A.	TR	11:30 AM-12:55 PM	LH 102	02/19-06/15
30111	Han, J.	TR	08:20 AM-09:45 AM	LH 101	02/19-06/15	30270	Kondo, A.	T	08:10 AM-11:20 AM	LS 116	02/19-06/15
30115	Goedhart, C.	TR	09:55 AM-11:20 AM	LH 101	02/19-06/15	30275	Kondo, A.	T	01:05 PM-04:15 PM	LS 116	02/19-06/15
30124	Juncosa, B.	TR	01:05 PM-02:30 PM	LH 101	02/19-06/15	<p>BIOL 220 Microbiology 5 Units</p> <p>Prerequisite: BIOL 104 or BIOL 105 or BIOL 124 and CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.</p> <p>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</p>					
31296	Montes, M.	TR	03:50 PM-05:15 PM	LH 101	02/19-06/15	30293	Juncosa, B.	MW	03:50 PM-05:15 PM	LH 102	02/19-06/15
30120	Goedhart, C.	TR	05:25 PM-06:50 PM	LH 101	02/19-06/15	30294	Juncosa, B.	TR	03:50 PM-05:15 PM	LH 102	02/19-06/15
30127	Harfouche, Y.	W	07:00 PM-10:10 PM	LH 101	02/19-06/15	30295	Han, J.	MW	11:30 AM-02:40 PM	LS 119	02/19-06/15
31297	Goedhart, C.	R	07:00 PM-10:10 PM	LH 101	02/19-06/15	30296	Juncosa, B.	MW	05:25 PM-08:35 PM	LS 119	02/19-06/15
31298	McCabe, D.	M	08:10 AM-11:20 AM	LS 117	02/19-06/15	<p>Business</p>					
31299	Saad, N.	M	11:30 AM-02:40 PM	LS 117	02/19-06/15						
31065	Shimano, B.	M	07:00 PM-10:10 PM	LS 117	02/19-06/15						
30134	Goodman, R.	T	11:30 AM-02:40 PM	LS 117	02/19-06/15						
30135	Villeneuve, L.	T	11:30 AM-02:40 PM	LS 118	02/19-06/15						
30136	Han, J.	T	02:50 PM-06:00 PM	LS 117	02/19-06/15						
30137	Stepp-Bolling, C.	T	02:50 PM-06:00 PM	LS 118	02/19-06/15						
31019	Montes, M.	T	07:00 PM-10:10 PM	LS 117	02/19-06/15						
30138	McCabe, D.	T	07:00 PM-10:10 PM	LS 118	02/19-06/15						
30139	Goedhart, C.	W	08:10 AM-11:20 AM	LS 118	02/19-06/15						
30160	Goodman, R.	W	11:30 AM-02:40 PM	LS 117	02/19-06/15						
30161	Goedhart, C.	W	11:30 AM-02:40 PM	LS 118	02/19-06/15						
30162	Gerrard, A.	W	02:50 PM-06:00 PM	LS 117	02/19-06/15						
30165	Saad, N.	W	02:50 PM-06:00 PM	LS 118	02/19-06/15						
30169	Gerrard, A.	W	07:00 PM-10:10 PM	LS 117	02/19-06/15						
31020	Anderson-McGill, T.	W	07:00 PM-10:10 PM	LS 118	02/19-06/15						
30172	Hollenshead, M.	R	08:10 AM-11:20 AM	LS 117	02/19-06/15						
30173	Van Leersum, A.	R	08:10 AM-11:20 AM	LS 118	02/19-06/15						
30174	Goodman, R.	R	11:30 AM-02:40 PM	LS 117	02/19-06/15						
30176	Van Leersum, A.	R	11:30 AM-02:40 PM	LS 118	02/19-06/15						
30179	Gerrard, A.	R	02:50 PM-06:00 PM	LS 117	02/19-06/15						
30181	Van Leersum, A.	R	02:50 PM-06:00 PM	LS 118	02/19-06/15						
<p>BIOL 125 Principles of Biology II 5 Units</p>											

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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BUS 130 Introduction to Business 3 Units

This is a foundation course in business administration. It is recommended for all students planning further study in this field. Lecture, discussion, and problems involve such topics as business finance, personnel, production, distribution, government regulations, and managerial controls. 54 lecture hours. CSU UC

30040	Richard, L.	MW	08:20 AM-09:45 AM	LB 202	02/19-06/15
31695	Durfield, T.	MW	09:55 AM-11:20 AM	LB 202	02/19-06/15
30042	Richard, L.	MW	11:30 AM-12:55 PM	LB 207	02/19-06/15
30047	Durfield, T.	MW	02:40 PM-04:05 PM	LB 202	02/19-06/15
30049	Lindsey, S.	TR	08:20 AM-09:45 AM	LB 207	02/19-06/15
30044	Richard, L.	TR	09:55 AM-11:20 AM	LB 207	02/19-06/15
30053	Durfield, T.	TR	01:05 PM-02:30 PM	LB 202	02/19-06/15
30054	Richard, L.	TR	02:35 PM-04:00 PM	LB 207	02/19-06/15
31010	Durfield, T.	W	06:00 PM-09:10 PM	LB 207	02/19-06/15
31697	Lindsey, S.	HRS-ARRG			04/22-06/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Second eight weeks. Students are required to come to campus for the midterm exam (Saturday, May 18, 8:00am, LB 207) and for the final exam (Saturday, June 8, 8:00am, LB 207). See syllabus for details.

BUS 132 Ethics in Business 3 Units

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

30060	Durfield, T.	MW	01:05 PM-02:30 PM	LB 202	02/19-06/15
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BUS 146 Personal Finance 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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, disability, death and taxes. 54 lecture hours. CSU

31052	Ghidella, R.	MW	01:05 PM-02:30 PM	LB 207	02/19-06/15
30061	Ghidella, R.	MW	02:35 PM-04:00 PM	LB 207	02/19-06/15
30062	Ghidella, R.	TR	09:55 AM-11:20 AM	LB 202	02/19-06/15
30063	Ghidella, R.	TR	01:05 PM-02:30 PM	SS 166	02/19-06/15
31698	Ghidella, R.	W	06:00 PM-09:10 PM	LB 208	02/19-06/15
31699	Ghidella, R.	HRS-ARRG			02/19-06/15

DISTANCE EDUCATION COURSE; After registering go to www.citruscollege.edu/de Students Required to take exams on Campus in Testing Center. 31866 Ghidella, R. HRS-ARRG 04/22-06/15 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Second 8 weeks

BUS 152 Business Communications 3 Units

Strongly recommended: BUS 150. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.

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
 30065 Grossman, B. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus in Testing Center.

BUS 160 Business Law and the Legal Environment I 3 Units

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

31701	Grossman, B.	TR	08:20 AM-09:45 AM	LB 202	02/19-06/15
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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

30066	Lindsey, S.	MW	08:20 AM-09:45 AM	LB 207	02/19-06/15
30067	Lindsey, S.	MW	09:55 AM-11:20 AM	LB 207	02/19-06/15
30071	Grossman, B.	TR	11:30 AM-12:55 PM	LB 202	02/19-06/15
30070	Grossman, B.	W	06:00 PM-09:10 PM	LB 202	02/19-06/15
31700	Durfield, T.	HRS-ARRG			02/19-06/15
31957	Durfield, T.	HRS-ARRG			04/22-06/15

BUS 170 Small Business Management 3 Units

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

30095	Richard, L.	TR	11:30 AM-12:55 PM	LB 207	02/19-06/15
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BUS 172 Personnel Management 3 Units

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

30097	Durfield, T.	HRS-ARRG			02/19-06/15
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students may be required to take exams on campus in Testing Center.

BUS 175 Introduction to Management 3 Units

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

30098	Richard, L.	HRS-ARRG			02/19-06/15
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus.

BUS 185 Elements of Marketing 3 Units

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

A course focusing on the moving of goods, services, and ideas from producer to consumer. Topics include: functions and institutions of marketing; marketing research and customer motivation; buying, selling, pricing and competition; transportation, storage and packaging; banking, communication, and insurance. 54 lecture hours. CSU

30099	Richard, L.	HRS-ARRG			02/19-06/15
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DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/ Students required to take exams on campus.

Chemistry

CHEM 103 College Chemistry 5 Units

Prerequisite: 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

30301	Farnum, M.	M	05:00 PM-09:15 PM	PS 222	02/19-06/15
	Farnum, M.	W	05:00 PM-09:15 PM	PS 222	02/19-06/15
30300	Ryba, D.	F	08:30 AM-12:45 PM	PS 222	02/19-06/15
	Ryba, D.	HRS-ARRG			02/19-06/15

DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de. Mandatory lab meets on campus. Online work also required.

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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CHEM 104 College Chemistry 5 Units

Prerequisite: 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

30328	Farahani, B.	M	05:00 PM-09:15 PM	PS 113	02/19-06/15
	Farahani, B.	W	05:00 PM-09:15 PM	PS 203	02/19-06/15

CHEM 110 Beginning General Chemistry 5 Units

Prerequisite: MATH 150 or concurrent enrollment.

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 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

30330	Ryba, D.	TR	11:30 AM-12:55 PM	PS 113	02/19-06/15
			Lecture section only. Lab section also required.		
30331	Montgomery, R.	TR	04:55 PM-06:20 PM	PS 113	02/19-06/15
			Lecture section only. Lab section also required.		
30332	Johnson, S.	MW	07:35 AM-11:10 AM	PS 222	02/19-06/15
			Lab section only. Lecture section also required.		
30333	Farahani, B.	TR	07:35 AM-11:10 AM	PS 222	02/19-06/15
			Lab section only. Lecture section also required.		
30334	Ryba, D.	TR	01:10 PM-04:45 PM	PS 222	02/19-06/15
			Lab section only. Lecture section also required.		
30337	Montgomery, R.	TR	06:30 PM-10:05 PM	PS 222	02/19-06/15
			Lab section only. Lecture section also required.		

CHEM 111 General Chemistry 5 Units

Prerequisite: MATH 150. Passing score on Chemistry Placement Test or CHEM 110.

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

30343	Entus, R.	TR	11:30 AM-12:55 PM	PS 107	02/19-06/15
			Lecture section only. Lab section also required.		
30344	Entus, R.	TR	07:35 AM-11:10 AM	PS 211	02/19-06/15
			Lab section only. Lecture section also required.		

CHEM 112 General Chemistry 5 Units

Prerequisite: 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

30346	Miles, T.	TR	11:30 AM-12:55 PM	PS 222	02/19-06/15
			Lecture section only. Lab section also required.		
31006	Miles, T.	MW	07:35 AM-11:10 AM	PS 203	02/19-06/15
			Lab section only. Lecture section also required.		
30347	Miles, T.	TR	07:35 AM-11:10 AM	PS 203	02/19-06/15
			Lab section only. Lecture section also required.		

Child Development**CHLD 100 Introduction to Education and Teaching 3 Units**

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30741	Perry, C.	TR	08:20 AM-09:45 AM	LB 107	02/19-06/15
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CHLD 112 Principles of Early Childhood Education I 3 Units

Strongly recommended: ENG 099 or READ 099 if required by English placement or if required by English level.

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.

30746	Gregg, J.	MW	11:30 AM-12:55 PM	LB 310	02/19-06/15
30747	Nuttall, A.	W	07:00 PM-10:10 PM	LB 107	02/19-06/15

CHLD 114 Home-Child-Community Relations 3 Units

Strongly recommended: ENG 099 or READ 099 if required by English placement 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

30748	Gregg, J.	TR	09:55 AM-11:20 AM	LB 310	02/19-06/15
31975	Ysais, M.	R	07:00 PM-10:10 PM	LB 302	02/19-06/15
31078	Hahn, S.	M	03:40 PM-06:50 PM	LB 107	02/19-06/15

CHLD 116 Introduction to Curriculum 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30749	Hahn, S.	MW	11:30 AM-12:55 PM	LB 107	02/19-06/15
31555	Hahn, S.	TR	01:05 PM-02:30 PM	LB 107	02/19-06/15

CHLD 121 Art for Children 2 Units

Designed to provide the student 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.

30752	Doolittle, J.	R	06:05 PM-08:10 PM	LB 107	02/19-06/15
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CHLD 124 Math for Children 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31744	Doolittle, J.	R	03:50 PM-05:55 PM	LB 107	02/19-04/13
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Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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CHLD 134 Parent-Child Interaction 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course explores dynamics of parent-child relationships. Students will analyze the process of being a parent, considering both internal and external forces that have influences. 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
 30755 Hahn, S. TR 09:55 AM-11:20 AM LB 107 02/19-06/15

Prerequisites: CHLD 110 or 111 or PSY 206 and CHLD 112 and 114.
 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.
 31745 Bollman, J. M 07:00 PM-10:10 PM LB 107 02/19-06/15

CHLD 160 Perceptual Motor and Movement Activities 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 30756 Ysais, M. W 03:50 PM-05:55 PM LB 107 02/19-06/15

CHLD 164 The Child with Special Needs 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 31976 Pecoraro, S. R 07:00 PM-10:10 PM LB 102 02/19-06/15

CHLD 166 Speech and Language Development and Disorders 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course will cover children's acquisition of speech and language skills from birth to age five. 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.
 30760 Nuttall, A. T 03:50 PM-05:55 PM LB 107 02/19-06/15

CHLD 168 Development Risk: Infants and Toddlers 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This class introduces the student to early intervention strategies that are positive and cost-effective for use with children who are developmentally delayed or at risk for developmental delay. Information on Public Law 99-457 is included. Specific strategies for language intervention and child abuse reporting are also included. This class is appropriate for all professionals and paraprofessionals working with young children. 36 lecture hours.
 31742 Simpson, L. W 06:05 PM-08:10 PM LB 302 02/19-06/15

CHLD 184 Infant and Toddler Caregiver: Environments and Routines 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This is one of four one-unit classes in Infant and Toddler Caregiving based on the Responsive Caregiving approach. Students in this class will learn to set up a safe, intimate, and interesting environment for infants and toddlers. They will also learn the techniques of responsive caregiving in daily routines. This class partially meets the licensing requirement for 3 units in infant and toddler care and development. 18 lecture hours.
 31743 Simpson, L. T 03:50 PM-05:55 PM LB 102 04/22-06/15

CHLD 190 Administration of Early Childhood Education Programs I 3 Units

Chinese

CHIN 101 Chinese I 5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 31159 Yang, R. TR 06:30 PM-09:00 PM LB 108 02/19-06/15

CHIN 102 Chinese II 5 Units

Prerequisite: CHIN 101 or two years of high school Chinese.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 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
 31598 Yang, R. TR 03:50 PM-06:20 PM LB 108 02/19-06/15

Communications

COMM 100 Mass Media and Society 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 interrelatedness of media in a diverse global society. Required of all communications and journalism majors; also a general interest course. 54 lecture hours. CSU UC
 30025 Villeneuve, T. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

COMM 101 Reporting and Writing News 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30036 O'Neil, M. TR 08:20 AM-09:45 AM LS 120 02/19-06/15

COMM 103 Freelance Journalism 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, ENGL 100.
 This course is designed to accommodate students who wish 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. Freelance Journalism may be repeated four times. 54 lab hours. CSU
 30050 O'Neil, M. F 09:00 AM-12:10 PM TC 123 02/19-06/15

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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COMM 230 Desktop Publishing 3 Units

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

30057	O'Neil, M.	M	11:30 AM-12:20 PM	TC 123	02/19-06/15
	O'Neil, M.	W	11:30 AM-12:35 PM	TC 123	02/19-06/15
	O'Neil, M.	MW	01:05 PM-02:25 PM	TC 123	02/19-06/15

Strongly recommended: CIS 099. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 Strongly recommended: Knowledge of MS Windows.
 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

31707	Flores, R.	MW	11:30 AM-01:35 PM	IS 110	02/19-06/15
31708	Solis, R.	TR	09:15 AM-11:20 AM	IS 108	02/19-06/15
31710	Flores, R.		HRS-ARRG		02/19-06/15

DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/ Students Required to take exams on Campus.

COMM 240 Newspaper Production Staff 3 Units

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. This course may be taken four times. 36 lecture hours, 54 lab hours arranged. CSU

30058	O'Neil, M.	M	08:40 AM-09:45 AM	TC 123	02/19-06/15
	O'Neil, M.	W	08:55 AM-09:45 AM	TC 123	02/19-06/15
	O'Neil, M.	MW	09:55 AM-11:15 AM	TC 123	02/19-06/15

CIS 130 Microcomputer Applications I 4 Units

Strongly recommended: CIS 099 or CIS 107. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 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

31713	Mustain, J.	MW	11:30 AM-01:35 PM	IS 108	02/19-06/15
31714	Mustain, J.	TR	11:30 AM-01:35 PM	IS 108	02/19-06/15
31715	Mustain, J.	W	06:00 PM-10:15 PM	IS 110	02/19-06/15
31716	Solis, R.		HRS-ARRG		02/19-06/15

DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/

COMM 245 Editorial Board Workshop 2 Units

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. This course may be taken four times. 18 lecture hours, 54 lab hours arranged. CSU CSU

30059	O'Neil, M.	T	11:30 AM-12:20 PM	TC 123	02/19-06/15
	O'Neil, M.	R	11:30 AM-02:40 PM	TC 123	02/19-06/15

CIS 150 Web Development (Dreamweaver) 3 Units

Strongly recommended: CIS 105. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 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, the CSS, HTML integration, images, tables, forms, and layers. 54 lecture hours.

31718	Flores, R.		HRS-ARRG		02/19-06/15
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DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/ Students required to take exams on Campus.

COMM 250 Multimedia Reporting 3 Units

Strongly recommended: COMM 101. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 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

31324	Rashidi, W.	F	09:00 AM-12:10 PM	TC 127	02/19-06/15
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CIS 162 Electronic Spreadsheets 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

31719	Flores, R.	MW	08:50 AM-10:15 AM	IS 110	02/19-06/15
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Computer Information Systems

CIS 099 Introduction to Windows and PCs 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31704	Gerfen, T.	MW	08:00 AM-09:00 AM	IS 108	02/19-06/15
31706	Mustain, J.	TR	10:20 AM-11:15 AM	IS 110	02/19-06/15

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31705	Mustain, J.	TR	09:15 AM-10:10 AM	IS 110	02/19-06/15
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CIS 107 Information Systems & Applications 4 Units

Strongly recommended: CIS 099. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 Strongly recommended: Knowledge of MS Windows.
 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

31709	Flores, R.	TR	11:30 AM-01:35 PM	IS 110	02/19-06/15
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CIS 230 Microcomputer Applications II 4 Units

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

31720	Solis, R.		HRS-ARRG		04/22-06/15
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DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/ SECOND EIGHT WEEKS.

Computer Science

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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CS 111 Introduction to Programming Concepts and Designs 4 Units

Strongly recommended: CIS 107. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.

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 to help illustrate programming concepts common to modern high-level programming languages. Students must wait two years before retaking this course. 72 lecture hours. CSU UC

31711	Solis, R.	MW	09:15 AM-11:20 AM	IS 108	02/19-06/15
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Strongly recommended: CIS 107. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.

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 to help illustrate programming concepts common to modern high-level programming languages. Students must wait two years before retaking this course. 72 lecture hours. CSU UC

31991	Solis, R.	MW	01:45 PM-03:50 PM	IS 108	02/19-06/15
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Cosmetology

COS 141 Introduction to Cosmetology 11 Units

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

This is the introductory course for students majoring in cosmetology. The course includes the exploration of a variety of subjects including hairsculpting, hairstyling, skin care, nail care, hair coloring, chemical texturizing and practical experience in cosmetology. Material fee. 144 lecture hours, 144 lab hours.

31104	Morrish, M.	MTWR	12:40 PM-02:55 PM	TC 208	02/19-06/15
	Morrish, M.	MTWR	03:05 PM-05:05 PM	TC 208	02/19-06/15

Additional fees for the Cosmetology Program Kit are approximately \$1645 plus a miscellaneous cost of \$100. The Program Kit must be purchased on line from the Owl Book Store link at time of registration or on the first day of class to be able to continue in the program. Call the department at 626-914-8710 for further questions.

COS 161A Haircolor I 4 Units

Prerequisite: COS 140 or COS 141 or concurrent enrollment.

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

A continuation of the science and theory of professional haircoloring techniques and procedures 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.

31107	Lucido, G.	MTWRF	07:30 AM-09:30 AM	PC 113	04/22-05/16
	Lucido, G.	MTWRF	09:40 AM-03:00 PM	PC 113	04/22-05/16

COS 172A Hair Design I 4 Units

Prerequisite: COS 161B and COS 181B.

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 hair styling, thermal styling and long hair design. Part one of a two-part course. 40 lecture hours, 104 lab hours.

31112	Glover, P.	MTWRF	07:30 AM-09:30 AM	PC 112	02/20-03/18
	Glover, P.	MTWRF	09:40 AM-03:00 PM	PC 112	02/20-03/18
31114	Smith, R.	MTWR	05:30 PM-07:00 PM	PC 112	02/20-04/12
	Smith, R.	MTWR	07:10 PM-10:00 PM	PC 112	02/20-04/12

COS 172B Hair Design II 4 Units

Prerequisite: COS 172A.

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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, 104 lab hours.

31115	Glover, P.	MTWRF	07:30 AM-09:30 AM	PC 112	03/19-04/12
	Glover, P.	MTWRF	09:40 AM-03:00 PM	PC 112	03/19-04/12
31117	Smith, R.	MTWR	05:30 PM-07:00 PM	PC 112	04/22-06/14
	Smith, R.	MTWR	07:10 PM-10:00 PM	PC 112	04/22-06/14

COS 178A Chemical Texturizing I 4 Units

Prerequisite: COS 161B and COS 181B.

Strongly recommended: ENG 099 or READ 099 if required by English placement 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.

31118	Lucido, G.	MTWRF	07:30 AM-09:30 AM	PC 122	02/20-03/18
	Lucido, G.	MTWRF	09:40 AM-03:00 PM	PC 122	02/20-03/18
31119	Glover, P.	MTWRF	07:30 AM-09:30 AM	PC 122	04/22-05/16
	Glover, P.	MTWRF	09:40 AM-03:00 PM	PC 122	04/22-05/16

COS 178B Chemical Texturizing III 4 Units

Prerequisite: COS 178A.

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31121	Lucido, G.	MTWRF	07:30 AM-09:30 AM	PC 122	03/19-04/12
	Lucido, G.	MTWRF	09:40 AM-03:00 PM	PC 122	03/19-04/12
31123	Glover, P.	MTWRF	07:30 AM-09:30 AM	PC 122	05/20-06/14
	Glover, P.	MTWRF	09:40 AM-03:00 PM	PC 122	05/20-06/14

COS 181A Hairsculpting I 4 Units

Prerequisite: COS 140 or COS 141 or concurrent enrollment.

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31129	Bautista, S.	MTWRF	07:30 AM-09:30 AM	PC 108	04/22-05/16
	Bautista, S.	MTWRF	09:40 AM-03:00 PM	PC 108	04/22-05/16

COS 181B Hairsculpting II 4 Units

Prerequisite: COS 181A.

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31617	Graciano, A.	MTWR	05:30 PM-07:00 PM	PC 108	04/22-06/14
	Graciano, A.	MTWR	07:10 PM-10:00 PM	PC 108	04/22-06/14

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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COS 182 Skincare 4 Units

Prerequisite: COS 140 or COS 141 or concurrent enrollment.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A continuation of the science and theory of professional skincare, make-up techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: anatomy and physiology, skin diseases and disorder, hair removal, electricity and electrical modalities for facials/skincare and facial treatments. 40 lecture hours, 104 lab hours.

31124	Bautista, S.	MTWRF	07:30 AM-09:30 AM	PC 109	02/20-03/18
	Bautista, S.	MTWRF	09:40 AM-03:00 PM	PC 109	02/20-03/18
31125	Hernandez, S.	MTWRF	07:30 AM-09:30 AM	PC 109	04/22-05/16
	Hernandez, S.	MTWRF	09:40 AM-03:00 PM	PC 109	04/22-05/16

COS 183 Nail Care 4 Units

Prerequisite: COS 140 or COS 141 or concurrent enrollment.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31842	Hernandez, S.	MTWRF	07:30 AM-09:30 AM	PC 109	05/20-06/14
	Hernandez, S.	MTWRF	09:40 AM-03:00 PM	PC 109	05/20-06/14

COS 199A Esthetician I 8 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31134	Everett, A.	MTWRF	07:30 AM-09:15 AM	P1 101	02/20-04/12
	Everett, A.	MTWRF	09:25 AM-02:50 PM	P1 101	02/20-04/12

Phase one of a three-part course.
 Additional fees for the Esthetician Kit are approximately \$1416 plus a miscellaneous cost of \$100. The Program Kit must be purchased on line from the Owl Bookshop link at time of registration or on the first day of class to be able to continue in the program. Call the department at 626-914-8710 for further questions.

31994	Bowen, K.	MTWR	05:30 PM-06:30 PM	P1 101	02/19-06/15
	Bowen, K.	MTWR	06:40 PM-09:55 PM	P1 101	02/19-06/15

Phase one of a three-part course.
 Additional fees for the Esthetician Kit are approximately \$1416 plus a miscellaneous cost of \$100. The Program Kit must be purchased on line from the Owl Bookshop link at time of registration or on the first day of class to be able to continue in the program. Call the department at 626-914-8710 for further questions.

COS 199B Esthetician II 8 Units

Prerequisite: COS 199A.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 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.

31135	Everett, A.	MTWRF	07:30 AM-09:30 AM	P1 101	04/22-06/14
	Everett, A.	MTWRF	09:40 AM-02:50 PM	P1 101	04/22-06/14

Phase two of a three-part course.

Counseling

COUN 145 Career/Life Planning 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

31579	Rivadeneira, J.	MW	08:20 AM-09:45 AM	P1 103	02/19-06/15
	LEARNING COMMUNITIES CLASS Requires enrollment in ENGL 101 CRN 30492				
31581	Acosta, J.	MW	11:30 AM-12:55 PM	SS 166	02/19-06/15
31582	Rivadeneira, J.	TR	11:30 AM-12:55 PM	SS 211	02/19-06/15
31584	Villa, E.	TR	11:30 AM-12:55 PM	SS 166	02/19-06/15
	LEARNING COMMUNITIES CLASS Requires enrollment in BUS 146 CRN 30063				
31201	Yee, S.	HRS-ARRG			02/19-06/15
	DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de				

COUN 159 On Course to Success 3 Units

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, goals setting, improving communication, maintaining self-esteem, and detailing how they may overcome obstacles. 54 lecture hours.

31571	Castillo, C.	TR	09:55 AM-11:20 AM	SS 211	02/19-06/15
	LEARNING COMMUNITIES CLASS Requires enrollment in ENGL 099 CRN 31477				
31573	Hinojosa, J.	MW	09:55 AM-11:20 AM	SS 211	02/19-06/15
	LEARNING COMMUNITIES CLASS Requires enrollment in ENGL 099 CRN 31489				

COUN 160 Strategies for College Success 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30794	McBurney, R.	MW	11:30 AM-12:55 PM	SS 211	02/19-06/15
31003	Garcia, A.	TR	09:55 AM-11:20 AM	SS 166	02/19-06/15

Dance

DANC 159 Beginning Tap 1 Units

Designed to instruct students in the dance technique of beginning tap. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC

30540	Valverde, Y.	R	09:10 AM-10:00 AM	VT 323	02/19-06/15
	Valverde, Y.	R	10:10 AM-11:15 AM	VT 323	02/19-06/15

DANC 162 Beginning Ballet 1 Units

Designed to instruct students in the dance technique of classical ballet. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC

30543	Allgaier, J.	T	08:35 PM-09:40 PM	VT 323	02/19-06/15
	Allgaier, J.	R	08:35 PM-10:25 PM	VT 323	02/19-06/15

DANC 172 Composition in Group Forms 2 Units

Prerequisite: DANC 160, 161 or 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. This course may be taken four times. 18 lecture hours, 54 lab hours. CSU UC

31891	Allgaier, J.	S	11:30 AM-12:20 PM	VT 323	02/19-06/15
	Allgaier, J.	S	12:30 PM-03:40 PM	VT 323	02/19-06/15

DANC 259 Intermediate Tap I 1 Units

Prerequisite: DANC 159 or Audition.
 Designed to instruct students in the intermediate dance technique of tap. More study of the positions and combinations of tap. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC

31549	Valverde, Y.	R	09:15 AM-10:05 AM	VT 323	02/19-06/15
	Valverde, Y.	R	10:15 AM-11:20 AM	VT 323	02/19-06/15

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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DANC 270 Intermediate Jazz Dance II 1 Units

Prerequisite: 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. This course may be taken four times. 18 lecture hours, 18 lab hours, 36 lab hours.
 CSU UC
 30578 Valverde, Y. F 12:00 PM-12:50 PM VT 323 02/19-06/15
 Valverde, Y. F 01:00 PM-03:05 PM VT 323 02/19-06/15

DANC 272 Intermediate Ballet II 1 Units

Prerequisite: 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. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC
 30579 Allgaier, J. T 06:35 PM-07:40 PM VT 323 02/19-06/15
 Allgaier, J. R 06:35 PM-08:25 PM VT 323 02/19-06/15

DANC 281 Advanced Jazz Dance I 1 Units

Prerequisite: 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. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC
 30581 Valverde, Y. F 12:00 PM-12:50 PM VT 323 02/19-06/15
 Valverde, Y. F 01:00 PM-03:05 PM VT 323 02/19-06/15

Dental Assisting

DENT 100 Dental Assisting Basics 2.5 Unit:

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 30893 Pohl, C. TR 08:30 AM-11:20 AM PC 223 02/19-04/13
To apply and register for the RDA program, go to the dental assisting page on the Citrus College website for information.
First 8 Weeks

DENT 101 Chairside Assisting 3 Units

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.
 This lecture/lab course provides preclinical instruction in four-handed dentistry techniques and prepares the student to assist a dentist at chairside. Content includes: the use and care of dental equipment, oral evacuation, instrument transfer, tray setups, infection control, preparation of anesthetic syringe, rubber dam, tofflemire matrix, cavity preparation, and rotary and hand instruments. Emphasis is placed on the responsibilities of a chairside dental assistant during general restorative procedures. 45 lecture hours, 72 lab hours.
 30895 Gonzales, R. MW 08:30 AM-11:20 AM PC 223 02/19-04/13
Lecture section only. Lab section also required.
First 8 Weeks
 30898 Gonzales, R. R 03:15 PM-06:25 PM PC 215 02/19-04/13
 Gonzales, R. F 08:30 AM-01:55 PM PC 215 02/19-04/13
Lab section only. Lecture section also required.
First 8 Weeks

DENT 102 Dental Materials 2.5 Unit:

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.
 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.
 30900 Arredondo, D. MW 12:00 PM-02:10 PM PC 223 02/19-04/13
Lecture section only. Lab section also required.
First 8 Weeks
 30902 Cusick, T. T 12:00 PM-05:05 PM PC 215 02/19-04/13
 Cusick, T. W 02:20 PM-04:30 PM PC 215 02/19-04/13
Lab section only. Lecture section also required.
First 8 Weeks

DENT 123 Preventive Dental Health 2 Units

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.
 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.
 30904 Gonzales, R. T 01:00 PM-06:05 PM PC 223 02/19-04/13
First 8 Weeks
 31732 Gonzales, R. W 02:30 PM-06:45 PM PC 223 02/19-04/13
First 8 weeks

DENT 124 Dental Specialties 2 Units

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.
 The scope of this course includes instruction in the fundamental principals, instrumentation and procedures of various dental specialties with emphasis on the role of the auxiliary in each speciality. 36 lecture hours.
 30905 Parry, E. W 08:30 AM-12:45 PM PC 223 04/22-06/15
Second 8 Weeks

DENT 201 Dental Radiology 2 Units

Prerequisite: 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.
 30906 Arredondo, D. T 08:30 AM-10:35 AM PC 223 04/22-06/15
Lecture section only. Lab section also required.
Second 8 Weeks
 31979 Arredondo, D. W 02:30 PM-05:40 PM PC 223 04/22-06/15
 Arredondo, D. T 06:30 PM-09:40 PM PC 223 04/22-06/15
Lab section only. Lecture section also required.
Second 8 weeks.
 30911 Cusick, T. T 03:00 PM-06:10 PM PC 223 04/22-06/15
 Cusick, T. W 06:00 PM-09:10 PM PC 223 04/22-06/15
Lab section only. Lecture section also required.
Second 8 Weeks

DENT 202 Registered Dental Assistant 4 Units

Prerequisite: DENT 101, 102, 121, 122, 123, and 124.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 30912 Pohl, C. M 08:00 AM-11:50 AM TC 230 04/22-06/15
 Pohl, C. W 08:00 AM-11:50 AM TC 229 04/22-06/15
Lecture section only. Lab section also required.
Second 8 Weeks
 31724 Pohl, C. T 08:00 AM-01:05 PM PC 215 04/22-06/15
 Pohl, C. R 12:00 PM-04:50 PM PC 215 04/22-06/15
Lab section only. Lecture section also required.
Second 8 weeks.
 30913 Arredondo, D. M 12:30 PM-05:40 PM PC 223 04/22-06/15
 Arredondo, D. F 08:00 AM-01:10 PM PC 223 04/22-06/15
Lab section only. Lecture section also required.
Second 8 Weeks
 30915 Parry, E. M 12:30 PM-05:40 PM PC 215 04/22-06/15
 Parry, E. F 08:00 AM-01:10 PM PC 215 04/22-06/15
Lab section only. Lecture section also required.
Second 8 Weeks

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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DENT 203 Dental Practice Experience 5.5 Unit:

Prerequisite: DENT 122, 124, and 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 may be taken two times. Offered for Pass/No Pass grading only. 300 lab hours.

30918	Arredondo, D.		HRS-ARRG	FD	02/19-06/15
Mandatory orientation on Wednesday, February 13, 2013, from 8:00am to 5:00pm in PC 215.					
31959	Parry, E.		HRS-ARRG	FD	02/19-06/15
Mandatory orientation on Wednesday, February 13, 2013, from 8:00am to 5:00pm in PC215.					

DENT 204 RDA Clinical Procedures 1 Units

Prerequisites: DENT 101, 102, 121, 122, 123, and 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.

30925	Arredondo, D.	W	12:30 PM-02:00 PM	TC 229	04/22-06/15
Lecture section only. Lab section also required. Second 8 Weeks					
31056	Cusick, T.	R	05:30 PM-09:00 PM	PC 215	04/22-06/15
Lab section only. Lecture section also required. Second 8 Weeks					
30944	Arredondo, D.	F	02:00 PM-05:30 PM	PC 215	04/22-06/15
Lab section only. Lecture section also required. Second 8 Weeks					
31057	Cusick, T.	S	08:00 AM-11:30 AM	PC 215	04/22-06/15
On June 1 and June 8, 2013, lab will meet extended hours 8:00am to 12:40pm. Class will meet on the following Monday: June 10, 2013, at 6:00pm to 9:30 pm in PC215. Lab section only. Lecture section also required. Lab hours are subject to change. Second 8 Weeks					

Drafting - Mechanical

DRAF 101 Beginning Computer Aided Design (CAD) 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
A basic course for pre-engineering, pre-architecture students, and other students who have no previous Computer Aided Design (CAD) and mechanical drawing experience. 36 lecture hours, 72 lab hours. CSU

30630	Yu, J.	TR	08:00 AM-08:50 AM	PC 304	02/19-06/15
	Yu, J.	TR	09:00 AM-11:10 AM	PC 306	02/19-06/15
31888	Rodriguez, E.	TR	06:00 PM-06:50 PM	PC 304	02/19-06/15
	Rodriguez, E.	TR	07:00 PM-09:10 PM	PC 306	02/19-06/15

DRAF 160 Intermediate Computer Aided Design (CAD) 2.5 Unit:

Strongly recommended: DRAF 101 or one year of high school drafting. Also, ENGL 099 or READ 099 if required by English placement exam or if required by English level.

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

30645	Au, S.	MW	03:45 PM-04:50 PM	PC 306	02/19-06/15
	Au, S.	MW	05:00 PM-05:50 PM	PC 304	02/19-06/15

DRAF 161 Advanced Computer Aided Design (CAD) 2.5 Unit:

Prerequisite: DRAF 160.
Recommended Skill: DRAF 101.
An advanced Computer Aided Design (CAD) course developing 2D and 3D design projects. 36 lecture hours, CSU

30621	Au, S.	MW	06:00 PM-06:50 PM	PC 306	02/19-06/15
	Au, S.	MW	07:00 PM-08:05 PM	PC 304	02/19-06/15

Earth Science

ESCI 119 Physical Geology without Laboratory 3 Units

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 ESCI 120. 54 lecture hours. CSU UC

31736	Hathaway, G.	MW	08:20 AM-09:45 AM	LH 102	02/19-06/15
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ESCI 120 Physical Geology with Laboratory 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 ESCI 120. 54 lecture hours, 54 lab hours. CSU UC

30356	Hathaway, G.	TR	09:55 AM-11:20 AM	LH 102	02/19-06/15
Lecture section only. Lab section also required.					
30357	Hathaway, G.	T	11:30 AM-02:40 PM	TC 122	02/19-06/15
Lab section only. Lecture section also required.					
30360	Hathaway, G.	T	02:50 PM-06:00 PM	TC 122	02/19-06/15
Lab section only. Lecture section also required.					
30359	Hathaway, G.	W	11:30 AM-02:40 PM	TC 122	02/19-06/15
Lab section only. Lecture section also required.					
30358	Hathaway, G.	R	11:30 AM-02:40 PM	TC 122	02/19-06/15
Lab section only. Lecture section also required.					

ESCI 130 Physical Oceanography 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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, marines sediments, and environmental relationships. 54 lecture hours. CSU UC

31014	Hathaway, G.	MW	09:55 AM-11:20 AM	LH 102	02/19-06/15
31969	Fair, C.	MW	01:05 PM-02:30 PM	PS 113	02/19-06/15
31978	Rath, C.	MW	03:50 PM-05:15 PM	LH 103	02/19-06/15
31735	Johnson, D.	MW	05:25 PM-06:50 PM	LH 102	02/19-06/15
31068	Hathaway, G.	TR	08:20 AM-09:45 AM	LH 102	02/19-06/15
31970	Regalado, S.	TR	01:05 PM-02:30 PM	PS 113	02/19-06/15
31855	Wagner, A.	TR	05:25 PM-06:50 PM	LH 102	02/19-06/15
30361	Wagner, A.	T	07:00 PM-10:10 PM	LH 102	02/19-06/15
31884	Johnson, D.	W	07:00 PM-10:10 PM	LH 102	02/19-06/15
31971	Regalado, S.	F	11:30 AM-02:40 PM	LH 102	02/19-06/15

Economics

ECON 101 Principles of Macroeconomics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30801	Styles, C.	TR	09:55 AM-11:20 AM	LB 102	02/19-06/15
31567	Al-Sabea, T.	R	07:00 PM-10:10 PM	LB 103	02/19-06/15
31257	Zawahreh, L.		HRS-ARRG		02/19-04/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus in Testing Center. First 8 weeks					
31252	Coson, M.		HRS-ARRG		04/22-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Second 8 weeks					
30804	Styles, C.		HRS-ARRG		02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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ECON 102 Principles of Microeconomics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030. Microeconomics, an introductory course that focuses on the 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
 30809 Styles, C. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Students required to take exams on campus in Testing Center.

Emer Mgmt and Homeland Sec

EMER 164 Managing Hazardous Materials Incidents 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. This course provides an introduction to hazardous materials and management. Topics covered include; recognizing what hazardous materials are, the problems they pose; and how to begin a safe and effective response to a Haz Mat incident. Upon successful completion of the course students are eligible to sit for the California State Specialized Training Institute (CSTI) certification examination. 54 lecture hours.
 31816 Rickman, T. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS
After registering to www.citruscollege.edu/de

EMER 166 Emergency Planning and Methodology 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. This course provides instruction 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.
 31817 Elias, B. HRS-ARRG FD 02/19-06/15
DISTANCE EDUCATION CLASS
After registering go to www.citruscollege.edu/de

English

ENGL 098 English Fundamentals 1 Units

This course focuses intensively on English fundamentals including grammar, spelling, and basic literacy skills such as decoding, vocabulary acquisition, and literal comprehension. 18 lab hours, 36 lab hours arranged.
 31473 Fisher, J. MW 08:20 AM-09:45 AM ED 224 02/19-06/15
 31871 Azpeitia, M. MW 09:55 AM-11:20 AM ED 224 02/19-06/15
 31472 Fehr, J. TR 09:55 AM-11:20 AM ED 224 02/19-06/15
 31872 Fisher, J. MW 11:30 AM-12:55 PM ED 224 02/19-06/15
 31538 Azpeitia, M. MW 11:30 AM-12:55 PM ED 216 02/19-06/15
 31474 Ray, J. TR 11:30 AM-12:55 PM ED 224 02/19-06/15
 31646 Fehr, J. TR 01:05 PM-02:30 PM ED 224 02/19-06/15
 31873 Ray, J. MW 03:50 PM-05:15 PM ED 224 02/19-06/15
 31874 Beach, K. TR 03:50 PM-05:15 PM ED 224 02/19-06/15
 31875 Null, N. MW 07:00 PM-08:25 PM ED 224 02/19-06/15
 31876 Beach, K. TR 05:25 PM-06:50 PM ED 224 02/19-06/15

ENGL 099 Introduction to Reading and Composition 5 Units

Prerequisite: 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.
 31476 Burns, L. MTWR 07:15 AM-08:25 AM P1 104 02/19-06/15
 31477 Cross, C. MTWR 08:35 AM-09:45 AM AN 102 02/19-06/15
LEARNING COMMUNITIES CLASS Requires enrollment in COUN 159 CRN 31571
 31478 Van Citters, B. MTWR 08:35 AM-09:45 AM P1 104 02/19-06/15
 31480 Villeneuve, A. MTWR 08:35 AM-09:45 AM LB 309 02/19-06/15
 31479 Secombe, J. MTWR 09:55 AM-11:05 AM LS 120 02/19-06/15

31482 Hogan, G. MTWR 09:55 AM-11:05 AM LB 309 02/19-06/15
 31484 Telesca, L. MTWR 09:55 AM-11:05 AM LB 304 02/19-06/15
 31494 Secombe, J. MTWR 11:30 AM-12:40 PM LS 120 02/19-06/15
 31486 Hogan, G. MTWR 11:30 AM-12:40 PM LB 309 02/19-06/15
 31489 Gunderson, M. MTWR 11:45 AM-12:55 PM P1 104 02/19-06/15
LEARNING COMMUNITIES CLASS Requires enrollment in COUN 159 CRN 31573
 31490 Lawrence, P. MTWR 11:45 AM-12:55 PM IS 109 02/19-06/15
 31492 Lawrence, P. MTWR 01:05 PM-02:15 PM IS 109 02/19-06/15
 31493 Hogan, G. MTWR 01:05 PM-02:15 PM LB 309 02/19-06/15
 31495 Lawrence, P. MW 04:00 PM-06:30 PM IS 109 02/19-06/15
 31502 Kawai, J. MW 04:00 PM-06:30 PM TC 127 02/19-06/15
 31497 Gunderson, M. MTWR 04:00 PM-05:10 PM P1 104 02/19-06/15
 31500 Loya, H. MTWR 05:20 PM-06:30 PM LB 305 02/19-06/15
 31504 Loya, H. MW 06:40 PM-09:10 PM LB 305 02/19-06/15
 31505 Kelly, D. MW 06:40 PM-09:10 PM ED 201 02/19-06/15
 31506 Durfield, A. TR 06:40 PM-09:10 PM LB 308 02/19-06/15
 31507 Burns, L. TR 06:40 PM-09:10 PM LB 305 02/19-06/15
 31475 Van Citters, B. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de.
NOTE: Exams are to be taken ON CAMPUS.
 31539 Harvey, J. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de.
NOTE: Exams are to be taken ON CAMPUS.

ENGL 101 Reading and Composition 3 Units

Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 099 or ENGL 100 or ESL 100 with min. grade of C. A college-level composition course emphasizing exposition, analysis, argument, and research techniques. Extensive writing practice based upon reading selections of culturally diverse fiction, non-fiction and verse. 54 lecture hours. CSU UC
 30494 Odegaard, E. TR 08:20 AM-09:45 AM ED 205 02/19-06/15
 30524 Amaya-Anderson, B. F 08:10 AM-11:20 AM ED 201 02/19-06/15
 31996 Leano, E. F 08:10 AM-11:20 AM LB 304 02/19-06/15
 30495 Villeneuve, A. TR 09:55 AM-11:20 AM LB 308 02/19-06/15
 30502 Resto-Ometootl, L. TR 09:55 AM-11:20 AM IS 109 02/19-06/15
 30499 Eiland, T. MW 01:05 PM-02:30 PM LI 120 02/19-06/15
LEARNING COMMUNITIES CLASS Requires enrollment in SOC 201 CRN 30920
 30520 Villeneuve, A. F 08:10 AM-11:20 AM LB 309 02/19-06/15
 30493 Naiyer, Z. MTWR 08:20 AM-09:45 AM LB 305 02/19-04/13
FAST TRACK CLASS First 8 Weeks. Requires enrollment in ENGL 103-CRN 30269 for second 8 weeks. Must pass ENGL 101-CRN 30493 with a C or better to move on to ENGL 103-CRN 30269 in second 8 weeks.
 31949 Dougall, N. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS. After registering, go to www.citruscollege.edu/de.
 30545 Eiland, T. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Students required to take exams on campus in Testing Center unless proctor arrangements are made in advance.

ENGL 102 Introduction to Literature 3 Units

Prerequisite: 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
 30078 Telesca, L. MW 08:20 AM-09:45 AM LB 304 02/19-06/15

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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ENGL 103 Composition and Critical Thinking 3 Units

Prerequisite: Completion of ENGL 101 or ENGL 101H with a min. grade of C. 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

31543	Birmingham, T.	MW	08:20 AM-09:45 AM	LS 120	02/19-06/15
30251	Odegaard, E.	MW	08:20 AM-09:45 AM	LI 120	02/19-06/15
31544	Curran, K.	TR	08:20 AM-09:45 AM	TC 127	02/19-06/15
30252	Eisel, R.	TR	08:20 AM-09:45 AM	LB 308	02/19-06/15
31141	Dougall, N.	F	09:00 AM-12:10 PM	P1 104	02/19-06/15
31146	Robles, A.	F	09:00 AM-12:10 PM	LB 308	02/19-06/15
30253	Odegaard, E.	MW	09:55 AM-11:20 AM	LI 120	02/19-06/15
31169	Odegaard, E.	TR	09:55 AM-11:20 AM	LI 120	02/19-06/15
30255	Eiland, T.	MW	11:30 AM-12:55 PM	LI 120	02/19-06/15
31185	Eisel, R.	TR	11:30 AM-12:55 PM	LB 308	02/19-06/15
31186	Myers, K.	MW	01:05 PM-02:30 PM	LB 305	02/19-06/15
30256	Amaya-Anderson, B.	TR	01:05 PM-02:30 PM	LB 305	02/19-06/15
30261	Overly, D.	MW	03:50 PM-05:15 PM	LB 308	02/19-06/15
31162	Myers, K.	MW	03:50 PM-05:15 PM	LB 305	02/19-06/15
31546	Ray, J.	F	08:10 AM-11:20 AM	AN 101	02/19-06/15
30263	Amaya-Anderson, B.	TR	03:50 PM-05:15 PM	IS 109	02/19-06/15
31547	Linville, B.	MW	05:25 PM-06:50 PM	LB 308	02/19-06/15
31165	Linville, B.	TR	07:00 PM-08:25 PM	P1 103	02/19-06/15
30265	Salwak, D.	M	07:00 PM-10:10 PM	LB 203	02/19-06/15
30266	Overly, D.	T	07:00 PM-10:10 PM	LB 304	02/19-06/15
30267	Overly, D.	W	07:00 PM-10:10 PM	LB 304	02/19-06/15
31173	Overly, D.	R	07:00 PM-10:10 PM	LB 304	02/19-06/15
30269	Naiyer, Z.	MTWR	08:20 AM-09:45 AM	LB 305	04/22-06/15
FAST TRACK CLASS Second 8 weeks; Requires enrollment in first 8 week session - English 101 CRN #30493.					
30273	Eiland, T.		HRS-ARRG		02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
30271	Hall, J.		HRS-ARRG		02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Students required to take exams on campus in Testing Center unless proctor arrangements are made in advance.					
32006	Salwak, D.		HRS-ARRG		02/19-06/15

ENGL 103H Composition and Critical Thinking - Honors 3 Units

Prerequisite: ENGL 101. Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30257	Eiland, T.	TR	11:30 AM-12:55 PM	LI 120	02/19-06/15
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ENGL 104 Advanced Rhetoric: The Classical Essay 3 Units

Prerequisite: 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

31987	Rudd, R.	TR	08:20 AM-09:45 AM	LB 307	02/19-06/15
30079	Odegaard, E.	TR	03:50 PM-05:15 PM	LB 308	02/19-06/15

ENGL 262 Introduction to U. S. American Literature II 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30081	Telesca, L.	TR	11:30 AM-12:55 PM	LB 304	02/19-06/15
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ENGL 272 Introduction to World Literature: 1600's through Twentieth Century 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30082	Eisel, R.	MW	11:30 AM-12:55 PM	LB 308	02/19-06/15
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ENGL 293 Children's Literature 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

31183	Villeneuve, A.	MW	09:55 AM-11:20 AM	LB 308	02/19-06/15
31327	Kang, E.	F	08:10 AM-11:20 AM	LB 305	02/19-06/15

ENGL 293H Children's Literature - Honors 3 Units

Strongly recommended: ENGL 101 or 103. Also, ENGL 099 or READ 099 if required by English placement or if required by English level. This honors course is designed to give the student a knowledge and an appreciation of children's books, both fiction and nonfiction. Critical analysis of such works from various perspectives is exemplified through research and written analysis. Special emphasis is given to the quality of writing and illustration of award-winning books and selected classics. 54 lecture hours. CSU UC

31804	Eiland, T.	TR	01:05 PM-02:30 PM	LI 120	02/19-06/15
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ENGL 298 Literature of the Bible 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

31144	Smythe, C.	F	08:10 AM-11:20 AM	LB 203	02/19-06/15
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English As A Second Language

ESL 024 Reading/Vocabulary II 2 Units

Prerequisite: 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. 36 lecture hours.

NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

31878	Guebert, T.	MW	09:55 AM-11:00 AM	AN 101	02/19-04/13
	Guebert, T.	TR	09:55 AM-10:45 AM	AN 101	02/19-04/13

First 8 weeks - Requires enrollment in second 8 weeks ESL 034 CRN # 31683.

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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ESL 026 Grammar Fundamentals II 2 Units

Prerequisite: 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. 36 lecture hours, 9 lab hours.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

31879	Tucker, C.	MW	11:30 AM-12:35 PM	ED 201	02/19-04/13
	Tucker, C.	TR	11:30 AM-12:20 PM	ED 201	02/19-04/13
	Tucker, C.	F	10:00 AM-11:05 AM	ED 231	02/19-04/13

First 8 weeks - Requires enrollment in second 8 weeks ESL 036 CRN #31684.

ESL 030 English Language Skills III 3 Units

Prerequisite: ESL 020. Strongly recommended: For students enrolled in ESL Level 3 core courses. Placement is based on multiple assessment measures or successful completion of ESL Level 2 core courses--ESL 020, 024 and ESL 026.

A course for intermediate English language 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. 54 lecture hours. 9 lab hours.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30211	Tucker, C.	MTWR	01:05 PM-02:30 PM	ED 201	02/19-04/13
	Tucker, C.	F	11:15 AM-12:20 PM	ED 231	02/19-04/13
31616	Azpeitia, M.	MTWR	01:05 PM-02:30 PM	ED 231	04/22-06/15
	Azpeitia, M.	F	11:15 AM-12:20 PM	ED 231	04/22-06/15

First 8 weeks - Requires enrollment in second 8 weeks ESL 040 CRN #30216.

Second 8 weeks.

ESL 034 Reading/Vocabulary III 2 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 024.

A vocabulary and reading 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. 36 lecture hours.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30212	Guebert, T.	MW	09:55 AM-11:00 AM	AN 101	02/19-04/13
	Guebert, T.	TR	09:55 AM-10:45 AM	AN 101	02/19-04/13
31683	Guebert, T.	MW	09:55 AM-11:00 AM	AN 101	04/22-06/15
	Guebert, T.	TR	09:55 AM-10:45 AM	AN 101	04/22-06/15

First 8 weeks - Requires enrollment in second 8 weeks ESL 044 CRN #30226.

Second 8 weeks - Requires enrollment in first 8 weeks ESL 024 CRN#31878.

ESL 036 Grammar Fundamentals III 2 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 026. A course for low-intermediate ESL students seeking to improve their grammatical accuracy in 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. 36 lecture hours, 9 lab hours.

NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30213	Tucker, C.	MW	11:30 AM-12:35 PM	ED 201	02/19-04/13
	Tucker, C.	TR	11:30 AM-12:20 PM	ED 201	02/19-04/13
	Tucker, C.	F	10:00 AM-11:05 AM	ED 231	02/19-04/13
31684	Tucker, C.	MW	11:30 AM-12:35 PM	ED 201	04/22-06/15
	Tucker, C.	TR	11:30 AM-12:20 PM	ED 201	04/22-06/15
	Tucker, C.	F	10:00 AM-11:05 AM	ED 231	04/22-06/15

First 8 weeks - Requires enrollment in second 8 weeks ESL 046 CRN #30227.

Second 8 weeks - Requires enrollment in first 8 weeks ESL 026 CRN #31879.

ESL 040 English Language Skills IV 3 Units

Prerequisite: ESL 030 or placement in ESL Level 4 based on multiple assessment measures. 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.

31628	Azpeitia, M.	MTWR	01:05 PM-02:30 PM	ED 231	04/22-06/15
	Azpeitia, M.	F	11:15 AM-12:20 PM	ED 231	04/22-06/15
30216	Lam, W.	MTWR	01:05 PM-02:30 PM	AN 101	04/22-06/15
	Lam, W.	F	11:15 AM-12:20 PM	ED 231	04/22-06/15

Second 8 weeks

Second 8 weeks - Requires enrollment in first 8 weeks ESL 030 CRN #30211.

ESL 044 Reading Vocabulary IV 2 Units

Prerequisite: ESL 034 or placement in ESL Level 4 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. 36 lecture hours.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30220	Tucker, C.	MW	09:55 AM-10:45 AM	ED 201	02/19-04/13
	Tucker, C.	TR	09:55 AM-11:00 AM	ED 201	02/19-04/13
30226	Guebert, T.	MW	09:55 AM-11:00 AM	AN 101	04/22-06/15
	Guebert, T.	TR	09:55 AM-10:45 AM	AN 101	04/22-06/15

First 8 weeks - Requires enrollment in second 8 weeks ESL 054 CRN #30235.

Second 8 weeks

Must also enroll in ESL 034-CRN 30212 for first 8 week session.

ESL 046 Grammar Review I 2 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 036. 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. 36 lecture hours, 9 lab hours.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30221	Guebert, T.	MW	11:30 AM-12:35 PM	AN 101	02/19-04/13
	Guebert, T.	TR	11:30 AM-12:20 PM	AN 101	02/19-04/13
	Guebert, T.	F	10:00 AM-11:05 AM	ED 231	02/19-04/13
30227	Tucker, C.	MW	11:30 AM-12:35 PM	ED 201	04/22-06/15
	Tucker, C.	TR	11:30 AM-12:20 PM	ED 201	04/22-06/15
	Tucker, C.	F	10:00 AM-11:05 AM	ED 231	04/22-06/15

First 8 weeks - Requires enrollment in second 8 weeks ESL 056 CRN #30237.

Second 8 weeks - Requires enrollment in first 8 weeks ESL 036 CRN #30213.

ESL 053 Bridge to College Literature 2 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 044. Strongly recommended: Concurrent enrollment in or successful completion of ESL 100. This vocabulary and reading course is designed to help ESL students develop the skills necessary for analyzing and writing about literature in English at the college level. 36 hours lecture.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30222	Lam, W.	MW	08:55 AM-09:45 AM	ED 201	02/19-04/13
	Lam, W.	TR	08:40 AM-09:45 AM	ED 201	02/19-04/13
32014	Cross, C.	MTWR	01:05 PM-02:15 PM	AN 102	04/22-06/08

Fast Track second 8 weeks.

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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ESL 054 Bridge to College Reading 2 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 044.
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.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30224	Cross, C.	T	11:30 AM-12:35 PM	AN 102	02/19-06/15
	Cross, C.	R	11:30 AM-12:20 PM	AN 102	02/19-06/15
30235	Tucker, C.	MW	09:55 AM-10:45 AM	ED 201	04/22-06/15
	Tucker, C.	TR	09:55 AM-11:00 AM	ED 201	04/22-06/15

Second 8 weeks - Requires enrollment in first 8 weeks ESL 044 CRN # 30220.

ESL 056 Grammar Review II 2 Units

Prerequisite: ESL 046.
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.

NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30225	Cross, C.	MW	09:55 AM-12:00 PM	AN 102	02/19-04/13
	Cross, C.	F	10:00 AM-11:05 AM	ED 224	02/19-04/13
30237	Guebert, T.	MW	11:30 AM-12:35 PM	AN 101	04/22-06/15
	Guebert, T.	TR	11:30 AM-12:20 PM	AN 101	04/22-06/15
	Guebert, T.	F	10:00 AM-11:05 AM	ED 231	04/22-06/15

Second 8 weeks - Requires enrollment in first 8 weeks ESL 046 CRN #30221.

ESL 100 Fundamentals of Composition 4 Units

Prerequisite: 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

30982	Cross, C.	MTWR	01:05 PM-03:10 PM	AN 102	02/19-04/13
	Cross, C.	T	03:20 PM-04:25 PM	ED 231	02/19-04/13
30241	Guebert, T.	MTWR	03:50 PM-05:55 PM	AN 101	04/22-06/15
	Guebert, T.	F	11:15 AM-12:20 PM	ED 231	04/22-06/15

First eight weeks fast track class.

Ethnic Studies

ETHN 101 Introduction to Ethnic Studies 3 Units

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

31548	Killen, M.	M	07:00 PM-10:10 PM	LB 103	02/19-06/15
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Forestry

FOR 101 Introduction to Forestry 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30350	Goodman, R.	R	08:10 AM-11:20 AM	PC 314	02/19-06/15
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German

GER 101 German I 5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30092	Daves-Schneider, L.	TR	07:40 PM-10:10 PM	TC 127	02/19-06/15
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GER 102 German II 5 Units

Prerequisite: GER 101 or two years high school German.
Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30093	Daves-Schneider, L.	TR	05:00 PM-07:30 PM	TC 127	02/19-06/15
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GER 201 German III 5 Units

Prerequisite: GER 102 or three years of high school German.
Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 with short, level-appropriate literary selections. The class is largely conducted in German. 90 lecture hours. CSU UC

30102	Daves-Schneider, L.	TR	05:00 PM-07:30 PM	TC 127	02/19-06/15
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GER 202 German IV 5 Units

Prerequisite: GER 201 or four years of high school German.
Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30105	Daves-Schneider, L.	TR	05:00 PM-07:30 PM	TC 127	02/19-06/15
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Health Occupations

HEAL 100 Emergency Medical Services Career Preparation 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 the basic knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program. Material fee. 36 lecture hours, 54 lab hours.

30894	Rickman, T.	R	04:05 PM-06:25 PM	TC 230	02/19-06/15
	Rickman, T.	R	06:30 PM-09:20 PM	TC 230	02/19-06/15

HEAL 105 Hospital Unit Coordinator 5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31838	Randolph, S.	MW	06:00 PM-08:05 PM	TC 228	02/19-06/15
	Randolph, S.	MW	08:15 PM-09:40 PM	TC 228	02/19-06/15

Lecture and lab section combined.

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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HEAL 161 Emergency Medical Technician - Basic 7 Units

Prerequisite: HEAL 100 or concurrent enrollment.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 31622 Hadsell, C. MW 08:15 PM-09:40 PM TC 230 02/19-06/15
Lab section only. Lecture section also required.

History

HIST 103 History of World Civilization up to 1500 C.E. 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30810 Lubisich, S. MW 08:20 AM-09:45 AM LB 302 02/19-06/15
 30811 Lubisich, S. MW 09:55 AM-11:20 AM LB 303 02/19-06/15
 30812 Lubisich, S. TR 01:05 PM-02:30 PM LB 103 02/19-06/15
 31025 Lewis, D. TR 03:50 PM-05:15 PM LB 103 02/19-06/15
 30813 Lubisich, S. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Mandatory Orientation on Tuesday, February 19, 2012, from 5:00 - 6:30 p.m. in LB 103. Students who fail to attend the orientation will be dropped from the course.
 30814 Lubisich, S. HRS-ARRG 04/22-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Second 8 weeks
Mandatory Orientation on Tuesday, April 23, 2012, from 5:00 - 6:30 p.m. in LB 105. Students who fail to attend the orientation will be dropped from the course.

HIST 104 History of World Civilization since 1500 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30816 Lubisich, S. TR 11:30 AM-12:55 PM LB 302 02/19-06/15
 30817 Lubisich, S. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Mandatory Orientation on Tuesday, February 19, 2012, from 6:30 - 8:00 p.m. in LB 103. Students who fail to attend the orientation will be dropped from the course.

HIST 107 History of the United States before 1877 3 Units

Strongly recommended: ENGL 099 or ENGL 100 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 1876. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC
 32008 Nelson, S. M 07:00 PM-10:10 PM LB 105 02/19-06/15
 30821 Zarate, E. TR 03:50 PM-05:15 PM LB 303 02/19-06/15
 31244 Woolsey, R. M 03:40 PM-06:50 PM LB 303 02/19-06/15
 30823 Korn, D. R 03:40 PM-06:50 PM TE 153 02/19-06/15
 31089 Nelson, S. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de.
 30824 Waddington, B. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
 30825 Solheim, B. HRS-ARRG 04/22-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Second 8 weeks

HIST 108 History of the United States since 1877 3 Units

Strongly Recommended: ENGL 099 or ENGL 100 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 1876 to the present. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC
 31245 Culp, J. TR 01:05 PM-02:30 PM HH 754 02/19-06/15
 31248 Woolsey, R. W 03:40 PM-06:50 PM LB 102 02/19-06/15
 30834 Woolsey, R. W 07:00 PM-10:10 PM LB 104 02/19-06/15
 31242 Culp, J. T 03:40 PM-06:50 PM LB 302 02/19-06/15
 30837 Waddington, B. HRS-ARRG 04/22-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Second 8 weeks
 31639 Carvajal, E. M 07:00 PM-10:10 PM LB 306 02/19-06/15

HIST 109 The World in conflict - The 20th Century, a History 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 31973 McGarry, M. F 08:10 AM-11:20 AM LB 104 02/19-06/15

HIST 130 Latin American Culture and Civilization 3 Units

Strongly recommended: ENGL 099 or ENGL 100 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
 31859 McGarry, A. MW 01:05 PM-02:30 PM LB 106 02/19-06/15

HIST 132 History of Modern Latin America 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 Other: 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
 31746 Zarate, E. TR 05:25 PM-06:50 PM LB 303 02/19-06/15

HIST 139 History of California 3 Units

Strongly recommended: READ 099 or ENGL 099 or ENGL 100 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
 31235 Culp, J. R 03:40 PM-06:50 PM LB 302 02/19-06/15

HIST 155 History of the Vietnam War 3 Units

Strongly recommended: READ 099 or ENGL 099 or ENGL 100 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
 31756 Solheim, B. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

Humanities

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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HUM 101 Humanities - Prehistory through the Medieval Period 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30773 Bobo, M. R 07:00 PM-10:10 PM LB 301 02/19-06/15

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
 31449 Shaw, N. MT 07:00 AM-08:10 AM AP 110 02/19-04/06
 Shaw, N. WR 07:00 AM-08:10 AM AP 110 02/19-04/06
First 7 weeks.
 31897 Shaw, N. T 12:15 PM-01:20 PM AP 110 02/19-06/02
 Shaw, N. R 12:15 PM-01:20 PM AP 110 02/19-06/02

HUM 102 Humanities from the Renaissance through the 19th Century 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 31861 Love, J. TR 01:05 PM-02:30 PM LB 102 02/19-06/15
 31222 Bobo, M. T 07:00 PM-10:10 PM LB 301 02/19-06/15

KIN 135 Volleyball 1 Units

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. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC
 31428 Gunstream, M. M 06:00 PM-07:15 PM PE 102 02/19-06/02
 Gunstream, M. M 07:25 PM-08:40 PM PE 102 02/19-06/02

Information Technology

IT 104 PC Hardware and Maintenance 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course will be of interest to computer technicians, field services 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 the A+ certification tests. 54 lecture hours, 54 lab hours.
 30609 Stoner, B. MW 08:00 AM-09:25 AM PC 316 02/19-06/15
 Stoner, B. MW 09:35 AM-11:00 AM PC 316 02/19-06/15
 31233 Boyden, P. MW 06:00 PM-07:25 PM PC 316 02/19-06/15
 Boyden, P. MW 07:35 PM-09:00 PM PC 316 02/19-06/15

Kinesiology - Aquatics

KIN 143 Swimming - Intermediate/Advanced 1 Units

Prerequisite: Beginning swimming, or demonstrate swimming skills needed to perform at intermediate level instruction.
 Strongly recommended: KIN 142.
 This course is designed to develop knowledge and skill in competitive swimming strokes. Swimming strokes to be taught are the freestyle, back stroke, breast stroke, and dolphin butterfly. The class will emphasize the development of cardiovascular aerobic conditioning. 18 lecture hours, 18 lab hours. CSU UC
 31740 Gunstream, M. MW 09:35 AM-10:40 AM AQ POOL 04/22-06/09
 Gunstream, M. TR 09:35 AM-10:40 AM AQ POOL 04/22-06/09

IT 107 Network Technology 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 31599 Stoner, B. TR 08:00 AM-09:25 AM PC 316 02/19-06/15
 Stoner, B. TR 09:35 AM-11:00 AM PC 316 02/19-06/15
 30610 Stoner, B. MW 12:30 PM-01:50 PM PC 316 02/19-06/15
 Stoner, B. MW 02:00 PM-03:30 PM PC 316 02/19-06/15

Kinesiology - Fitness

KIN 145 Strength Training, Balance and Agility 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 Designed to introduce students 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. 18 lecture hours, 18 lab hours. CSU UC
 31464 Lofthouse, P. M 02:00 PM-03:05 PM PE ST 02/19-06/02
 Lofthouse, P. W 02:00 PM-03:05 PM PE ST 02/19-06/02
Recommended for varsity athletics: Football Course does not have waitlist.
 31468 Ponciano, R. T 02:00 PM-03:05 PM PE 101 02/19-06/02
 Ponciano, R. R 02:00 PM-03:05 PM PE 101 02/19-06/02
Recommended for Varsity Athletics: Football Course does not have Waitlist.

Japanese

JPN 102 Japanese II 5 Units

Prerequisite: 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
 31145 Jennings, S. MW 03:50 PM-06:20 PM LB 106 02/19-06/15

Kinesiology - Activities

KIN 108 Tennis 1 Units

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
 31427 Gunstream, M. MW 11:00 AM-12:05 PM PE TN 04/22-06/08
 Gunstream, M. TR 11:00 AM-12:05 PM PE TN 04/22-06/08
Late Start Class..
 31461 Wheeler, A. F 08:30 AM-09:35 AM PE TN 02/19-06/02
 Wheeler, A. F 09:45 AM-10:50 AM PE TN 02/19-06/02

KIN 147 Swimming for Cardiovascular Improvement 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course will emphasize swimming for health and physical fitness. The class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through the use of aerobic and anaerobic conditioning. Participating adults and others seeking a fitness program may expect to improve their overall fitness level through aquatic training. 18 lecture hours, 18 lab hours. CSU UC
 31741 Gunstream, M. MW 09:35 AM-10:40 AM AQ POOL 04/22-06/09
 Gunstream, M. TR 09:35 AM-10:40 AM AQ POOL 04/22-06/09
Late Start Class.

KIN 116 Yoga 1 Units

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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KIN 150 Adapted Physical Education 1 Units

Prerequisite: Physician's written diagnosis of physical disability and exercise limitations.

Designed for the student with a physical disability who is unable to participate in regular physical education classes. A medical doctor's written prescription of exercise limitations is required. This course may be taken unlimited times with the instructor's permission.. 18 lecture hours, 36 lab hours. CSU UC

31437	Hartman, S.	M	11:45 AM-12:50 PM	AP 109	02/19-06/09
	Hartman, S.	MW	10:30 AM-11:35 AM	AP 109	02/19-06/09
31439	Hartman, S.	T	11:05 AM-12:10 PM	AP 109	02/19-06/09
	Hartman, S.	TR	09:50 AM-10:55 AM	AP 109	02/19-06/09

Recommended for disabled students.

KIN 151 Body Conditioning 1 Units

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

This course will include general conditioning exercises, aerobic exercises, and exercises to develop flexibility and strength. 18 lecture hours, 18 lab hours. CSU UC

31430	Gunstream, M.	MW	09:35 AM-10:40 AM	AP 110	02/19-04/06
	Gunstream, M.	TR	09:35 AM-10:40 AM	AP 110	02/19-04/06
31694	Shaw, N.	MW	07:00 AM-08:05 AM	AP 110	04/22-06/09
	Shaw, N.	TR	07:00 AM-08:05 AM	AP 110	04/22-06/09

First 7 weeks

Late Start Class.

KIN 152 Weight Training 1 Units

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

This course is designed to develop both the large and small group skeletal muscles through a program of weight lifting, circuit training, power lifting, Olympic lifting, and conditioning. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. A student may not earn more than four units through the combination of KIN 152 and KIN 154. 18 lecture hours, 18 lab hours. CSU UC

31830	Merandi, M.	M	10:40 AM-11:45 AM	PE 101	02/19-06/02
	Merandi, M.	W	10:40 AM-11:45 AM	PE 101	02/19-06/02
31829	Merandi, M.	M	12:05 PM-01:10 PM	PE 101	02/19-06/02
	Merandi, M.	W	12:05 PM-01:10 PM	PE 101	02/19-06/02
31422	Gomez, S.	T	08:20 AM-09:25 AM	PE 101	02/19-06/02
	Gomez, S.	R	08:20 AM-09:25 AM	PE 101	02/19-06/02

KIN 153 Walking/Jogging 1 Units

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

A Walking/Jogging program that consists of activity alternately at a slow to moderate pace. This program is designed to build cardiorespiratory stamina and endurance, attack excessive weight, relieve psychological tension, and enhance one's sense of well being. 18 lecture hours, 18 lab hours. CSU UC

31898	Hartman, S.	M	09:00 AM-10:05 AM	PE ST	02/19-06/02
	Hartman, S.	W	09:00 AM-10:05 AM	PE ST	02/19-06/02
31417	Brawner, M.	MT	11:30 AM-12:35 PM	PE ST	02/19-04/06
	Brawner, M.	WR	11:30 AM-12:35 PM	PE ST	02/19-04/06

First 8 weeks

KIN 156A Physical Conditioning for Intercollegiate Sports 1 Units

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

Other: Must be a varsity college athlete/varsity college prospect or with coach's permission.

This course is designed to provide an out-of-season physical conditioning program for the student interested in intercollegiate athletics. KIN 156A and KIN 156B can be taken a combined total of four times. Students must provide a current copy of a physical to the athletic trainers prior to participation. 9 lecture hours, 27 lab hours. CSU

31465	McDonald, T.	TR	06:30 AM-07:20 AM	PE 102	02/19-04/14
	McDonald, T.	MWF	03:30 PM-04:20 PM	PE 102	02/19-04/14

Varsity Athletics: Men's and Women's Basketball

Team taught: McDonald, Victor

First 8 weeks

KIN 159 Cardiovascular Training 1 Units

This course will offer a non-competitive, environment in which the student can develop a total fitness program. This program will promote areas of muscular strength, flexibility, and cardiovascular endurance. A philosophy of "Fitness for Life" will be the ultimate objective. Every student will be encouraged to regulate his/her program so that it will be enjoyable on a long term basis. 18 lecture hours, 18 lab hours. CSU UC

31827	Gunstream, M.	M	08:00 AM-09:10 AM	AP 109	02/19-06/02
	Gunstream, M.	W	08:00 AM-09:10 AM	AP 109	02/19-06/02
31834	Merandi, M.	M	09:15 AM-10:20 AM	AP 109	02/19-06/02
	Merandi, M.	W	09:15 AM-10:20 AM	AP 109	02/19-06/02
31828	Gunstream, M.	T	08:00 AM-09:05 AM	AP 109	02/19-06/02
	Gunstream, M.	R	08:00 AM-09:05 AM	AP 109	02/19-06/02
31831	Merandi, M.	T	01:05 PM-02:10 PM	AP 109	02/19-06/02
	Merandi, M.	R	01:05 PM-02:10 PM	AP 109	02/19-06/02

Kinesiology - Pro Prep

KIN 169 Introduction to Coaching 3 Units

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

This course is to study the different aspects of coaching including philosophies and techniques. It will provide the student with a basic understanding of coaching on all levels. The topics included will be recruiting, tryouts, pre and post season development, conditioning, weight training, practice organization, game strategies, motivation techniques, legal aspects, public relations, media, fundraising and ethics. 54 lecture hours. CSU UC

31445	Merandi, M.	TR	09:55 AM-11:20 AM	AQ 100	02/19-06/15
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KIN 170 Fitness for Life 3 Units

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

31455	Rodriguez, T.	TR	11:30 AM-12:55 PM	PE 138	02/19-06/15
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KIN 171 Health Science 3 Units

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

31446	Merandi, M.	MW	01:30 PM-02:55 PM	AQ 100	02/19-06/15
31984	Boxley, J.	TR	08:20 AM-09:45 AM	AQ 100	02/19-06/15
31447	Merandi, M.	TR	11:30 AM-12:55 PM	AQ 100	02/19-06/15
31458	Gunstream, M.	TR	01:05 PM-02:30 PM	PE 140	02/19-06/15
31441	Hartman, S.	T	05:00 PM-05:50 PM	PE 140	02/19-06/15
	Hartman, S.		HRS-ARRG		02/19-06/15

DISTANCE EDUCATION HYBRID CLASS After registering go to

www.citruscollege.edu/de

Class will meet on campus every Tuesday 5:00 p.m. - 5:50 p.m. in PE 140.

Online work also required.

KIN 173 Nutrition for Fitness 3 Units

This course is designed to provide knowledge about the basic principles of nutrition and to study the role nutrition plays in health promotion. 54 lecture hours. CSU UC

31459	Shaw, N.	MW	08:20 AM-09:45 AM	PE 138	02/19-06/15
31423	Gomez, S.		HRS-ARRG		02/19-06/15
32020	Shaw, N.		HRS-ARRG		04/22-06/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

Second 8 weeks

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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KIN 175 Introduction to Individual and Dual Sports 3 Units

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
 31421 Brawner, M. MW 08:20 AM-09:45 AM AQ 100 02/19-06/15
 Class team taught: Brawner, Wurst

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 corequisite or prerequisite to holding a leadership position in the campus' student government association. 54 lecture hours. CSU UC
 31530 Thompson, A. W 06:00 PM-09:05 PM LB 307 02/19-06/15

KIN 176 Elementary School Physical Education 3 Units

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
 31413 Boxley, J. TR 09:55 AM-11:20 AM PE 140 02/19-06/15

Math MATH 020 Arithmetic Fundamentals 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. This course will be offered on a Pass/No Pass basis only. 54 lab hours.
 31517 Odrich, S. MW 01:05 PM-02:30 PM MA 127 02/19-06/15
 31519 Odrich, S. MW 11:30 AM-12:55 PM MA 127 02/19-06/15
 31521 Odrich, S. MW 03:50 PM-05:15 PM MA 127 02/19-06/15
 31523 Odrich, S. MW 07:00 PM-08:25 PM MA 127 02/19-06/15
 31518 Odrich, S. TR 01:05 PM-02:30 PM MA 127 02/19-06/15
 31520 Odrich, S. TR 11:30 AM-12:55 PM MA 127 02/19-06/15
 31522 Odrich, S. TR 07:00 PM-08:25 PM MA 127 02/19-06/15
 31524 Odrich, S. TR 03:50 PM-05:15 PM MA 127 02/19-06/15

Kinesiology - Varsity Athletic

KIN 207A Off-Season Men's Varsity Athletics .5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity athletics. KIN 207A and KIN 207B can be taken a combined total of four times. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. 45 lab hours. CSU
 31462 Bruce-Oliver, F. MTWR 03:00 PM-05:25 PM PE 102 02/19-04/28
 Varsity Athletics: Men's Soccer & Men's Water Polo.
 Class team taught: Bruce-Oliver, Staff.

MATH 029 Pre-Algebra 4 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of MATH 020.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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. 72 lecture hours. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
 30021 Low, J. TR 01:05 PM-03:10 PM MA 223 02/19-06/15
 31528 Low, J. MW 10:40 AM-12:45 PM MA 230 02/19-06/15
 31302 Low, J. TR 08:20 AM-10:25 AM MA 230 02/19-06/15
 30109 Paek, H. MW 01:05 PM-03:10 PM MA 125 02/19-06/15
 30032 Tseng, K. TR 05:25 PM-07:50 PM MA 223 03/04-06/15
 Late Start Class
 31947 Stevenson, M. MTWR 01:05 PM-02:15 PM PS 106 02/19-05/30
 31948 Stevenson, M. MTWR 02:30 PM-03:40 PM PS 106 02/19-05/30

KIN 208A Off-Season Women's Varsity Athletics .5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity athletics. KIN 208A and KIN 208B can be taken a combined total of four times. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. 45 lab hours. CSU
 31463 Jung, S. MTWR 07:00 AM-08:05 AM AQ POOL 02/19-04/28
 Varsity Athletics: Women's Soccer, Women's Volleyball, Women's Water Polo.
 Class team taught: Dorman, Jung, Silva.

KIN 214 Women's Varsity Softball 2 Units

Strongly recommended: Advanced softball skills to participate in a competitive collegiate experience.
 Intercollegiate competition in women's varsity softball. 160 lab hours. CSU UC
 31416 Boxley, J. MTWRF 02:00 PM-04:10 PM PE SF 02/19-06/02
 Recommended for student athletes: Softball
 Course does not have Waitlist.

KIN 224 Men's Varsity Baseball 2 Units

Strongly recommended: Advanced baseball skills to participate in a competitive collegiate experience.
 Intercollegiate competition in men's varsity baseball. 160 lab hours. CSU UC
 31426 Gomez, S. MTWRF 02:00 PM-04:10 PM PE BF 02/19-06/02
 Recommended for student Athletes: Baseball
 Course does not have waitlist.

Leadership

LEAD 103 Foundations of Leadership 3 Units

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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MATH 030 Elementary Algebra 4 Units

Prerequisite: Placement is based on multiple assessment measures or completion of MATH 029 with min. grade of C.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.

31771	Gutierrez, J.	MTWR	07:00 AM-08:10 AM	LB 105	02/19-06/15
31770	Gong, C.	MTWR	09:40 AM-10:50 AM	MA 126	02/19-06/15
31774	Gutierrez, J.	MTWR	10:00 AM-11:10 AM	LB 105	02/19-06/15
31777	Gong, C.	MTWR	11:10 AM-12:20 PM	MA 126	02/19-06/15
31775	Tussy, A.	MTWR	11:30 AM-12:40 PM	MA 222	02/19-06/15
31962	Berberyan, T.	MTWR	11:30 AM-12:40 PM	MA 125	02/19-06/15
31783	Low, J.	MW	08:00 AM-10:30 AM	MA 230	02/19-06/15
31782	Nguyen, T.	MW	05:55 PM-08:25 PM	MA 206	02/19-06/15
31778	Paek, H.	TR	01:05 PM-03:35 PM	MA 125	02/19-06/15
31781	Medrano, E.	TR	01:05 PM-03:35 PM	MA 109	02/19-06/15
31780	Nguyen, C.	TR	01:05 PM-03:35 PM	PC 303	02/19-06/15
31784	Cheng, T.	TR	06:00 PM-08:30 PM	MA 206	02/19-06/15
31787	Trad, M.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31788	Medrano, E.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31867	Kassab, M.	TR	01:05 PM-03:35 PM	LB 105	02/19-06/15

MATH 131 Plane Geometry 4 Units

Prerequisite: 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.

31209	Nguyen, C.	TR	04:00 PM-06:05 PM	PC 303	02/19-06/15
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MATH 150 Intermediate Algebra 5 Units

Prerequisite: 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, radicals, complex numbers, quadratic equations, conics, inverse functions, and exponential and logarithmic functions. 90 lecture hours. 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.

30309	Tussy, A.	MTWR	07:00 AM-08:10 AM	MA 222	02/19-06/15
30317	White, S.	MTWR	08:20 AM-09:30 AM	MA 126	02/19-06/15
30311	Tussy, A.	MTWR	08:30 AM-09:40 AM	MA 222	02/19-06/15
30306	White, S.	MTWR	09:55 AM-11:05 AM	MA 222	02/19-06/15
30307	White, S.	MTWR	11:35 AM-12:45 PM	MA 207	02/19-06/15
30314	Zhuang, Y.	MTWR	11:35 AM-12:45 PM	MA 206	02/19-06/15
30929	Everest, R.	MW	08:50 AM-11:20 AM	MA 207	02/19-06/15
30319	Everest, R.	MW	01:05 PM-03:35 PM	MA 206	02/19-06/15
30320	Zhuang, Y.	MTWR	08:10 AM-09:20 AM	MA 108	02/19-06/15
31090	Nguyenhuu, R.	MW	03:50 PM-06:20 PM	MA 222	02/19-06/15
30928	Cheng, T.	MW	06:00 PM-08:30 PM	MA 108	02/19-06/15
30321	Everest, R.	TR	08:50 AM-11:20 AM	MA 124	02/19-06/15
30313	Everest, R.	TR	01:05 PM-03:35 PM	MA 206	02/19-06/15
30316	Gonzalez, R.	TR	04:30 PM-07:00 PM	MA 230	02/19-06/15
31032	Scott, C.	TR	06:00 PM-08:30 PM	MA 207	02/19-06/15
30303	Swatzel, J.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Students required to take exams on campus in Testing Center.					
30304	Trad, M.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Students required to take exams on campus in Testing Center.					
31965	Medrano, E.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31819	Medrano, E.	MTWR	08:10 AM-09:20 AM	MA 206	02/19-06/15
31821	Medrano, E.	MTWR	10:00 AM-11:10 AM	MA 206	02/19-06/15

MATH 151 Plane Trigonometry 4 Units

Prerequisite: MATH 131 or high school Geometry, and MATH 149 or MATH 150 or placement is based on multiple assessment measures.

Functions, the trigonometric functions: their graphs and identities, laws of sines and cosines, solutions of triangles, trigonometric equations, inverse trigonometric functions, polar coordinates, DeMoivre's Theorem. 72 lecture hours. CSU

31902	Ogimachi, T.	MW	05:45 PM-07:50 PM	MA 109	02/19-06/15
31903	Ogimachi, T.	MW	08:00 PM-10:05 PM	MA 109	02/19-06/15
30339	Reagan, D.	TR	10:35 AM-12:40 PM	MA 230	02/19-06/15
30340	Leung, S.	TR	03:45 PM-05:50 PM	MA 109	02/19-06/15
30338	Zhuang, Y.	TR	01:05 PM-03:10 PM	MA 108	02/19-06/15

MATH 160 Survey of Mathematics 4 Units

Prerequisite: 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

30341	Nguyen, T.	MW	03:30 PM-05:35 PM	MA 207	02/19-06/15
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MATH 162 Introductory Mathematical Analysis 4 Units

Prerequisite: MATH 149 or 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

30342	Paek, H.	MW	04:25 PM-06:30 PM	MA 125	02/19-06/15
32015	Tseng, K.	MTWR	08:00 AM-09:10 AM	MA 125	03/04-06/15

MATH 165 Introductory Statistics 4 Units

Prerequisite: 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

31868	Tippins, R.	HRS-ARRG			03/18-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Late Start Class Begins March 18, 2013					
31211	Gillotte, C.	MW	03:45 PM-05:50 PM	MA 108	02/19-06/15
30374	Swatzel, J.	MW	08:20 AM-10:25 AM	MA 124	02/19-06/15
30368	Dominguez, V.	MW	02:40 PM-04:45 PM	MA 109	02/19-06/15
30372	Anderson, B.	TR	03:20 PM-05:25 PM	MA 126	02/19-06/15
30366	Zhuang, Y.	TR	03:45 PM-05:50 PM	MA 108	02/19-06/15
30391	Tippins, R.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31990	Swatzel, J.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Students required to take exams on campus in Testing Center.					
31869	Gonzalez, R.	MW	07:00 PM-09:05 PM	MA 230	02/19-06/15
32007	Gillotte, C.	MW	06:00 PM-08:05 PM	MA 124	02/19-06/15

MATH 170 College Algebra 4 Units

Prerequisite: 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

31323	Chun, M.	MW	08:20 AM-10:25 AM	PS 106	02/19-06/15
31314	Tippins, R.	MW	01:35 PM-03:40 PM	MA 222	02/19-06/15
30387	Chun, M.	TR	08:20 AM-10:25 AM	PS 106	02/19-06/15
30390	Tippins, R.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
32005	Pearsall, S.	F	05:00 PM-09:15 PM	MA 109	02/19-06/15

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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MATH 175 Pre-Calculus 4 Units

Prerequisite: 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

30392	Tippins, R.	TR	12:05 PM-02:10 PM	MA 124	02/19-06/15
30394	Tippins, R.	MW	10:35 AM-12:40 PM	MA 124	02/19-06/15
30393	Scott, C.	MW	06:25 PM-08:30 PM	MA 207	02/19-06/15
31958	Kassab, M.	F	07:15 AM-11:30 AM	MA 109	02/19-06/15
32002	Jahani, F.	TR	10:55 AM-01:00 PM	PC 303	02/19-06/15

MATH 190 Calculus with Analytic Geometry I 4 Units

Prerequisite: 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

30396	Gutierrez, J.	TR	02:30 PM-04:35 PM	MA 124	02/19-06/15
30397	Leung, S.	TR	06:00 PM-08:05 PM	MA 109	02/19-06/15
32016	Kim, E.	MW	07:20 AM-09:45 AM	MA 223	03/04-06/15
Late Start Class					
31029	Anderson, B.	TR	10:50 AM-12:55 PM	MA 108	02/19-06/15

MATH 191 Calculus with Analytic Geometry II 4 Units

Prerequisite: 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

30398	Anderson, B.	MW	10:50 AM-12:55 PM	MA 108	02/19-06/15
31091	Phan-Yamada, T.	MW	08:30 AM-10:35 AM	PC 303	02/19-06/15

MATH 210 Calculus with Analytic Geometry III 4 Units

Prerequisite: 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

30400	Gonzalez, R.	TR	01:05 PM-03:10 PM	MA 230	02/19-06/15
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Music - Commercial

MUS 132 Music Performance for Events 1 Units

Prerequisite: 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.

This course may be taken four times. 72 lab hours.

31999	Maloney, R.	TR	09:55 AM-11:20 AM	VT 117	02/19-06/15
	Maloney, R.	F	09:55 AM-10:45 AM	PA 151	02/19-06/15

AUDITION REQUIRED. This course does not have a waitlist.

MUS 140 Music Production Software/Hardware I 2 Units

An introductory course in the use of production software and hardware in the creation of audio/music products. Included are music sequencing, editing, mixing, effects, and production. 36 lecture hours, 18 lab hours. CSU

30625	Galvan, A.	M	07:00 PM-07:50 PM	VT 320	02/19-06/15
	Galvan, A.	M	08:00 PM-08:50 PM	VT 320	02/19-06/15
	Galvan, A.	W	07:00 PM-08:05 PM	VT 320	02/19-06/15

MUS 213 Professional Performance Techniques (Vocal) 3 Units

Prerequisite: 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. This course may be taken four times. 36 lecture hours, 54 lab hours.

31886	Shrope, D.	F	03:15 PM-05:20 PM	PA 193	02/19-06/15
	Shrope, D.	U	08:20 AM-11:30 AM	PA 133	02/19-06/15

AUDITION REQUIRED. This course does not have a waitlist.

MUS 215 Musical Theatre Production 4 Units

Prerequisite: 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. This course may be taken four times. 36 lecture hours, 108 lab hours. CSU UC

31289	Shrope, D.	F	07:00 PM-09:05 PM	PA 133	02/19-06/15
	Shrope, D.	F	09:15 PM-10:05 PM	PA 133	02/19-06/15
	Shrope, D.	S	04:00 PM-09:25 PM	PA 133	02/19-06/15

AUDITION REQUIRED. Auditions are on Thursday, February 21, 2013 at 6pm on the Haugh Stage. This course does not have a waitlist.

31604	Vaughan, J.	F	07:00 PM-09:05 PM	VT 323	02/19-06/15
	Vaughan, J.	F	09:15 PM-10:05 PM	VT 323	02/19-06/15
	Vaughan, J.	S	04:00 PM-09:25 PM	VT 323	02/19-06/15

AUDITION REQUIRED. Auditions are on Thursday, February 21, 2013 at 6pm on the Haugh Stage. This course does not have a waitlist.

MUS 245 Pop, Rock, and Jazz Performance Styles II 4 Units

Prerequisite: MUS 145 or Audition.

A more in depth study and performance of contemporary Pop, Rock, and Jazz styles. This course may be taken four times. 36 lecture hours, 126 lab hours. CSU

31636	Munoz, G.	M	01:05 PM-01:55 PM	PA 154	02/19-06/15
	Munoz, G.	W	01:05 PM-02:10 PM	PA 154	02/19-06/15
	Munoz, G.	FSU	08:10 AM-10:30 AM	PA 193	02/19-06/15

AUDITION REQUIRED. This course does not have a waitlist.

31637	Munoz, G.	M	09:55 AM-10:45 AM	PA 154	02/19-06/15
	Munoz, G.	W	09:55 AM-11:00 AM	PA 154	02/19-06/15
	Munoz, G.	FSU	10:40 AM-01:00 PM	PA 193	02/19-06/15

AUDITION REQUIRED. This course does not have a waitlist.

MUS 290 Applied Music 2 Units

Prerequisite: Audition.

A workshop class in applied music and a private one-half hour lesson per week. The student is required to enroll and participate in a Citrus performing music ensemble class and to attend a weekly concert hour recital. This course may be taken four times. 18 lecture hours, 108 lab hours arranged. CSU UC

30673	Shrope, D.	W	02:40 PM-03:45 PM	PA 133	02/19-06/15
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LECTURE CLASS. AUDITION REQUIRED. This course does not have a waitlist. This course requires enrollment in ONE lab section from L01-L05 AND in ONE lab section from L06-L11. See lab selections below.

31914	Shrope, D.	MW	06:30 PM-08:35 PM		02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

31915	Shrope, D.	TR	07:00 AM-09:05 AM		02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

31916	Shrope, D.	TR	03:45 PM-05:50 PM		02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

31917	Shrope, D.	TR	06:30 PM-08:35 PM		02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

31913	Waddington, A.	F	07:00 AM-08:50 AM	PA	02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

31918	Waddington, A.	F	07:30 PM-09:20 PM	PA	02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

31919	Waddington, A.	S	07:30 PM-09:20 PM	PA	02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

31920	Waddington, A.	U	08:00 AM-09:50 AM	PA	02/19-06/15
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LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist.

Requires enrollment in MUS 290 (lecture class-CRN 30673). Labs are completed in available Performing Arts practice rooms.

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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MUS 291 Applied Music/Individual Instruction (Classical) 2 Units

Prerequisite: Audition.

A 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. This course may be taken four times. 18 lecture hours, 108 lab hours arranged.

31924	Shrope, D.	MW	06:30 PM-08:35 PM		02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 291 (lecture class-CRN 30674). Labs are completed in available Performing Arts practice rooms.					
31926	Shrope, D.	TR	03:45 PM-05:50 PM		02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 291 (lecture class-CRN 30674). Labs are completed in available Performing Arts practice rooms.					
31927	Shrope, D.	TR	06:30 PM-08:35 PM		02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 291 (lecture class-CRN 30674). Labs are completed in available Performing Arts practice rooms.					
31928	Waddington, A.	F	07:00 AM-08:50 AM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 291 (lecture class-CRN 30674). Labs are completed in available Performing Arts practice rooms.					
31929	Waddington, A.	F	07:30 PM-09:20 PM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 291 (lecture class-CRN 30674). Labs are completed in available Performing Arts practice rooms.					
31930	Waddington, A.	S	07:30 PM-09:20 PM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 291 (lecture class-CRN 30674). Labs are completed in available Performing Arts practice rooms.					
31931	Waddington, A.	U	08:00 AM-09:50 AM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 291 (lecture class-CRN 30674). Labs are completed in available Performing Arts practice rooms.					

MUS 292 Applied Music/Individual Instruction (Pop) 2 Units

Prerequisite: Audition.

A workshop class in applied music with an emphasis on popular techniques which includes a private one-half hour lesson per week, attendance participation in a weekly concert hour and skill and repertoire building activities. This course may be taken four times. 18 lecture hours, 108 lab hours arranged.

30675	Shrope, D.	W	02:40 PM-03:45 PM	PA 133	02/19-06/15	LECTURE CLASS. AUDITION REQUIRED. This course does not have a waitlist. This course requires enrollment in ONE lab section from L01-L05 AND in ONE lab section from L06-L11. See lab selections below.					
31935	Shrope, D.	MW	06:30 PM-08:35 PM		02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					
31936	Shrope, D.	TR	07:00 AM-09:05 AM		02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					
31937	Shrope, D.	TR	03:45 PM-05:50 PM		02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					
31938	Shrope, D.	TR	06:30 PM-08:35 PM		02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					
31939	Waddington, A.	F	07:00 AM-08:50 AM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					
31940	Waddington, A.	F	07:30 PM-09:20 PM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					
31941	Waddington, A.	S	07:30 PM-09:20 PM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					
31942	Waddington, A.	U	08:00 AM-09:50 AM	PA	02/19-06/15	LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.					

31943 Shrope, D. U 02:00 PM-03:50 PM PA 02/19-06/15
LAB SECTION. AUDITION REQUIRED. This course does not have a waitlist. Requires enrollment in MUS 292(lecture class-CRN 30675). Labs are completed in available Performing Arts practice rooms.

Music - History and Theory

MUS 100 Musicianship I 2 Units

Corequisite: MUS 102.

Other: Recommendation by instructor(s) of music courses which require knowledge of sightsinging.

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

CSU UC

30588	Galvan, A.	M	11:30 AM-12:20 PM	VT 215	02/19-06/15
	Galvan, A.	W	11:30 AM-12:35 PM	VT 215	02/19-06/15
31881	Eisel, G.	T	08:10 AM-09:00 AM	VT 319	02/19-06/15
	Eisel, G.	R	08:10 AM-09:15 AM	VT 319	02/19-06/15

MUS 101 Musicianship II 2 Units

Prerequisites: MUS 100 and 102.

Corequisite: MUS 103.

Other: Recommendation by instructor(s) of music courses which require knowledge of sightsinging.

Continuation of materials and skills developed in Music 100. Continued practice and skill development in melodic and rhythmic dictation, intervals, and sight-singing. Required of all music majors. 36 lecture hours. CSU UC

31570	Galvan, A.	T	09:55 AM-10:45 AM	VT 208	02/19-06/15
	Galvan, A.	R	09:55 AM-11:00 AM	VT 208	02/19-06/15
30589	Eisel, G.	T	08:10 AM-09:00 AM	VT 319	02/19-06/15
	Eisel, G.	R	08:10 AM-09:15 AM	VT 319	02/19-06/15

MUS 111 History of Music II 3 Units

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

30595 Langford, W. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory on-campus orientation. Consult website for details.

MUS 112 Music Fundamentals 3 Units

This course emphasizes basic music skills. Recommended for all students desiring a foundation in beginning theory, notation, ear training, and composition. 54 lecture hours, 18 lab. CSU UC

30596	Cotter, S.	MW	11:30 AM-12:55 PM	PA 193	02/19-06/15
	Cotter, S.	F	01:10 PM-02:00 PM	VT 319	02/19-06/15
30597	Galvan, A.	M	01:05 PM-03:10 PM	VT 319	02/19-06/15
	Galvan, A.	W	01:05 PM-01:55 PM	VT 319	02/19-06/15
	Galvan, A.	W	02:05 PM-03:10 PM	VT 319	02/19-06/15
30598	Galvan, A.	T	01:05 PM-03:10 PM	VT 319	02/19-06/15
	Galvan, A.	R	01:05 PM-01:55 PM	VT 319	02/19-06/15
	Galvan, A.	R	02:05 PM-03:10 PM	VT 319	02/19-06/15

MUS 114 Music Appreciation 3 Units

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 majors. Required for music majors. 54 lecture hours. CSU UC

30615 Langford, W. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory on-campus orientation. Consult website for details.
30616 Langford, W. HRS-ARRG 04/22-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory on-campus orientation. Consult website for details.
Second 8 weeks.

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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MUS 170 Sight Reading for the Studio 3 Units

Prerequisite: Audition.
 Strongly recommended: MUS 112. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 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. This course may be taken four times. 54 lecture hours, 18 lab hours. CSU
 30633 Galvan, A. M 08:10 AM-10:15 AM VT 208 02/19-06/15
 Galvan, A. W 08:10 AM-09:00 AM VT 208 02/19-06/15
 Galvan, A. W 09:10 AM-10:15 AM VT 208 02/19-06/15
AUDITION REQUIRED. This course does not have a waitlist.

MUS 200 Musicianship 2 Units

Prerequisites: MUS 101 and 103.
 Corequisite: MUS 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
 31000 Eisel, G. T 09:55 AM-10:45 AM VT 319 02/19-06/15
 Eisel, G. R 09:55 AM-11:00 AM VT 319 02/19-06/15

MUS 201 Musicianship 2 Units

Prerequisites: MUS 200 and 202.
 Corequisite: MUS 203.
 A continuation of MUS 200. This course will include more challenging rhythmic, melodic, and harmonic dictation and solfège. Required for transferring music majors. 36 lecture hours. CSU UC
 30647 Eisel, G. T 09:55 AM-10:45 AM VT 319 02/19-06/15
 Eisel, G. R 09:55 AM-11:00 AM VT 319 02/19-06/15

MUS 202 Harmony 3 Units

Prerequisite: MUS 103.
 Corequisite: MUS 200.
 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
 31001 Eisel, G. MW 08:10 AM-09:35 AM PA 193 02/19-06/15

MUS 203 Harmony 3 Units

Prerequisites: MUS 200 and 202.
 Corequisite: MUS 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
 30648 Eisel, G. MW 08:10 AM-09:35 AM PA 193 02/19-06/15

MUS 218 History of Jazz 3 Units

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
 30667 Beatty, D. M 07:00 PM-10:10 PM VT 319 02/19-06/15

Music - Instrumental

MUS 105 Elementary Piano I 2 Units

For the beginning music student or non-music major. Covers all basic elements in elementary piano, including musical reading, rhythm studies, technique, and scales. 36 lecture hours. CSU UC
 31981 Green, M. M 03:50 PM-04:40 PM VT 319 02/19-06/15
 Green, M. W 03:50 PM-04:55 PM VT 319 02/19-06/15

Music - Vocal

MUS 115 Voice 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course provides instruction and physical participation in the basic techniques necessary for good singing. Basic daily routines are introduced and practiced including posture analysis, deep natural breathing, sound emission, range extension and musicality. Activities include participation in an outlined series of progressive vocal exercises and harmonic ear training which provide gradual improvement and musical achievement. This course may be taken four times. 36 lecture hours, 18 lab hours. CSU UC
 30617 Green, M. M 09:55 AM-10:45 AM VT 319 02/19-06/15
 Green, M. W 09:55 AM-11:00 AM VT 319 02/19-06/15
 Green, M. F 06:30 PM-07:20 PM VT 215 02/19-06/15
 30618 Green, M. M 02:40 PM-03:30 PM PA 193 02/19-06/15
 Green, M. W 02:40 PM-03:45 PM PA 193 02/19-06/15
 Green, M. F 07:30 PM-08:20 PM VT 215 02/19-06/15
 30619 Green, M. T 09:55 AM-10:45 AM PA 193 02/19-06/15
 Green, M. R 09:55 AM-11:00 AM PA 193 02/19-06/15
 Green, M. F 08:30 PM-09:20 PM VT 215 02/19-06/15

MUS 119 Concert Choir II 3 Units

Strongly recommended: MUS 115 or previous participation in choral ensembles.
 Additional study of standard choral literature - specifically contemporary composers in multiple (classical and popular) genres not covered in MUS 118. Students receive additional instruction in tone production, phrasing, and interpretation. Each repetition of class provides opportunity for continued skill advancement useful for university transfer or vocational training. Participation in public performances is required. Class may be taken four times. 48 lecture hours, 42 lab hours. CSU UC
 30623 Green, M. T 01:05 PM-03:10 PM PA 133 02/19-06/15
 Green, M. R 01:05 PM-03:10 PM PA 133 02/19-06/15
 Green, M. F 05:30 PM-06:20 PM PA 133 02/19-06/15

MUS 120 Opera Workshop 2 Units

Prerequisite: 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. This course may be taken four times. 18 lecture hours, 54 lab hours. CSU UC
 31575 Hackworth, C. M 03:55 PM-04:45 PM PA 193 02/19-06/15
 Hackworth, C. M 04:55 PM-06:00 PM PA 193 02/19-06/15
 Hackworth, C. W 03:55 PM-06:00 PM PA 193 02/19-06/15
AUDITION REQUIRED. This course does not have a waitlist.

MUS 210 Intermediate Voice 2 Units

Prerequisite: MUS 115 or audition.
 Vocal exercises, analysis, and song memorization for the further development of skill in performing literature for the solo voice. This course may be taken four times. 36 lecture hours, 18 lab hours. CSU UC
 30665 Green, M. T 11:30 AM-12:20 PM PA 192 02/19-06/15
 Green, M. R 11:30 AM-12:35 PM PA 192 02/19-06/15
 Green, M. F 09:30 PM-10:20 PM VT 215 02/19-06/15

MUS 242 Women's Ensemble II 4 Units

Prerequisite: Audition.
 This course prepares the student for in-depth women's ensemble performance. Emphasis on study and performance of pop compositions for women's ensemble. Public performance is required. This course may be taken four times. 36 lecture hours, 126 lab hours.
 CSU UC
 30669 Mixson, V. T 07:40 AM-09:45 AM PA 192 02/19-06/15
 Mixson, V. R 07:40 AM-09:45 AM PA 192 02/19-06/15
 Mixson, V. F 07:40 AM-12:55 PM PA 192 02/19-06/15
AUDITION REQUIRED. This course does not have a waitlist.

Nursing

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
NRS 100 Introduction to Health Occupations 3 Units Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Fundamental skills needed for health related occupations. Includes medical terminology, medical math, the application of computers to health care, techniques and learning tools to evaluate scientific readings, field study and exposure to health career opportunities. Offered for Pass/No Pass grading only. 36 lecture hours, 54 lab hours.						Pre-requisites: RNRS 190, 191, 192. Co-requisites: RNRS 193, 195. This course will enable the student to attain knowledge and skills necessary to provide safe, effective, culturally sensitive physiological 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.					
30916	Greene, D.	M	08:00 AM-09:05 AM	P3 105	02/19-06/15	30952	Wickman, M.	F	03:00 PM-05:05 PM	TC 228	02/19-06/15
	Greene, D.	M	09:15 AM-10:30 AM	P3 105	02/19-06/15	On campus ATI testing: 6/7/13 6:30am to 8:00am Lecture Section only. Lab Section also required. Note: Clinical dates and times are subject to change.					
	Greene, D.	W	08:00 AM-09:05 AM	P3 105	02/19-06/15	30954	Barajas, N.	MU	06:45 AM-04:35 PM	FD	04/21-05/13
	Greene, D.	W	09:15 AM-10:30 AM	P3 105	02/19-06/15	On campus skills days: 4/21 - 7:00am to 5:00pm Lab section only. Lecture section also required. Note: Clinical dates and times subject to change.					
30919	Greene, D.	TR	08:00 AM-09:05 AM	P3 105	02/19-06/15	30955	Barajas, N.	MU	06:45 AM-06:05 PM	FD	05/19-06/10
	Greene, D.	TR	09:15 AM-10:30 AM	P3 105	02/19-06/15	On campus skills days: 5/19 - 7:00am to 5:00pm Lab section only. Lecture section also required. Note: Clinical dates and times subject to change.					
31470	Greene, D.	MW	02:00 PM-03:05 PM	P3 105	02/19-06/15						
	Greene, D.	MW	03:10 PM-04:25 PM	P3 105	02/19-06/15						
30921	Greene, D.	TR	02:00 PM-03:05 PM	P3 105	02/19-06/15						
	Greene, D.	TR	03:10 PM-04:25 PM	P3 105	02/19-06/15						

NRS 101 Nurse Assistant 5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 theory hours, 108 lab clinical hours.

30683	Bowman, D.	T	07:00 AM-02:30 PM	TC 230	02/19-04/13	First 8 Weeks Lecture section only. Lab section also required. Mandatory orientation required.					
30684	Bowman, D.	T	07:00 AM-01:30 PM	TC 230	04/22-06/15	Second 8 Weeks Lecture section only. Lab section also required. Mandatory orientation on Wednesday, March 6, 2013, from 3:00pm to 5:00pm in CI 159.					
31069	Bowman, D.	WR	07:00 AM-01:30 PM	TC 230	02/19-04/13	First 8 weeks. Lab section only. Lecture section also required.					
31070	Dhillon, D.	WR	07:00 AM-01:30 PM	FD	02/19-04/13	First 8 weeks. Lab section only. Lecture section also required.					
31071	Bowman, D.	WR	07:00 AM-01:30 PM	FD	04/22-06/15	Second 8 weeks. Lab section only. Lecture section also required.					
31072	Dhillon, D.	WR	07:00 AM-01:30 PM	TC 230	04/22-06/15	Second 8 weeks. Lab section only. Lecture section also required.					

Nursing - Registered

RNRS 193 Pediatric Nursing 3.5 Unit:

Prerequisites: RNRS 190, 191, 192.
 Corequisites: RNRS 194, 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 developmental appropriate family centered care. Clinical experiences will provide opportunities for students to participate in therapeutic activities in a variety of pediatric settings. 36 lecture hours, 81 lab hours.

30945	Brennan, D.	F	08:00 AM-10:05 AM	TC 229	02/22-06/14	On campus ATI testing: 5/31 - 7:00am-8:30am Lecture section only. Lab section also required. Note: Clinical dates and times are subject to change.					
30947	San Antonio, V.	WR	01:30 PM-11:35 PM	FD	04/24-05/16	On campus skills days: 4/24 - 7:00am to 5:00pm Lab section only. Lecture section also required. Note: Clinical dates and times subject to change.					
30951	San Antonio, V.	TW	06:45 AM-04:35 PM	FD	05/21-06/12	On campus skills day: 5/21 - 7:00am to 5:00pm Lab Section Only. Lecture Section also required Note: Clinical dates and times subject to change					

RNRS 194 Obstetrics/Maternity Nursing 3.5 Unit:

RNRS 195 Beginning Medical/Surgical Nursing II 5 Units

Prerequisites: RNRS 190, 191, 192.
 Corequisites: RNRS 193, 194.
 Medical Surgical Nursing II develops the first years 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.

30956	Barajas, N.	F	10:45 AM-01:15 PM	TC 229	02/19-06/15	Lecture section only. Lab section also required.					
30961	Hullings, G.	M	06:45 AM-06:35 PM	FD	02/25-04/09	On campus skills days: 2/25 - 7:00am to 7:00pm, 2/26 - 7:00am to 3:00pm Lab section only. Lecture section also required. Note: Clinical dates and times subject to change.					
	Hullings, G.	T	01:30 PM-08:45 PM	FD	02/25-04/09						
30962	Barajas, N.	M	06:45 AM-06:35 PM	FD	02/25-04/09	On campus skills days: 2/25 - 7:00am to 7:00pm, 2/26 - 7:00am to 3:00pm Lab section only. Lecture section also required. Note: Clinical dates and times subject to change.					
	Barajas, N.	T	06:45 AM-02:00 PM	FD	02/25-04/09						

RNRS 251 Medical-Surgical Nursing IV 6 Units

Prerequisites: RNRS 201 and RNRS 203.
 Corequisites: 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.

31509	Allahbachayo, S.	R	10:00 AM-01:10 PM	TC 229	02/19-06/15	On campus ATI testing- M/S IV Comp predictor: 6/4/13 - 7:00am to 10:00pm and 1:00am to 4:00pm Lecture sections only. Lab section also required.					
31510	Allahbachayo, S.	M	06:45 AM-06:35 PM	FD	02/25-03/19	On campus skills days: 2/24 - 6:45am to 6:45pm. Med-Surg clinical rotations are scheduled from Feb. 25, 2013 thru April 2, 2013 on Mondays and Tuesdays from 06:45am to 6:45pm. Students have to do seven 12-hour shifts in this rotation. The preceptorship rotations are scheduled from April 8, 2013 thru June 14, 2013. Students have to do seven 12-hour shifts in this rotation. Lab section only. Lecture section also required. Note: Clinical dates and times are subject to change.					
	Allahbachayo, S.	T	06:45 AM-06:35 PM	FD	02/25-03/19						

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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RNRS 252 Leadership for Professional Nursing Practice 2 Units

Prerequisite: RNRS 201.
 Corequisite: 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.
 30969 Tucker, G. HRS-ARRG 02/19-06/15
On campus ATI testing: 5/30 - 8:00am to 9:30 and/or 1:00pm to 2:30pm
DISTANCE EDUCATION CLASS after registering go to www.citruscollege.edu/de
Mandatory on-campus classes - Room TC 229 - 7:00am - 9:05am
Thursdays-February 21, April 25, and Monday, June 10.

Prerequisite: NRS 100.
 Corequisites: VNRS 150, 151L, 152, 153, 155.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 Vocational nursing students will explore the basic facts of human anatomy and the principles of physiology with selected clinical examples. 27 lecture hours.
 30942 Ellis, J. M 06:30 AM-10:05 AM TC 228 02/19-04/13
First 8 weeks

VNRS 155 Social Psychology for the Vocational Nurse 1 Units

Prerequisite: NRS 100.
 Corequisites: VNRS 150, 151L, 152, 153, 154.
 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.
 30943 Ellis, J. M 10:15 AM-12:35 PM TC 228 02/19-04/13
First 8 weeks

Nursing - Vocational

VNRS 150 Fundamentals of Nursing 3 Units

Prerequisite: NRS 100.
 Corequisites: VNRS 151L.
 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.
 30934 Grauso, L. T 09:00 AM-11:15 AM TC 228 02/19-04/13
 Grauso, L. T 01:00 PM-03:30 PM TC 228 02/19-04/13
 Grauso, L. T 03:35 PM-05:50 PM TC 228 02/19-04/13
Lecture section only. Lab section also required.
First 8 weeks.

VNRS 160 Medical - Surgical Nursing I 3 Units

Prerequisite: VNRS 150.
 Corequisite: 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.
 30946 Ellis, J. T 09:00 AM-10:50 AM TC 228 04/22-06/15
 Ellis, J. T 01:00 PM-03:10 PM TC 228 04/22-06/15
 Ellis, J. T 03:30 PM-05:40 PM TC 228 04/22-06/15
Lecture section only. Lab section also required.
Second 8 weeks.

VNRS 151L Fundamentals of Nursing Lab 3 Units

Prerequisite: NRS 100.
 Corequisites: VNRS 150.
 Clinical application of theoretical concepts of basic nursing functions. Offered for Pass/No Pass grading only. 162 lab hours.
 30937 Ellis, J. WR 12:00 PM-11:20 PM FD 02/20-04/06
Students in Fundamentals Lab will meet on campus in TC 228 for the first 3 weeks to learn basic skills before going into the clinical facilities. Lab section only.
Lecture section also required.
NOTE: Clinical days and times are subject to change.
First 8 weeks

VNRS 161L Medical - Surgical Nursing I Lab 3 Units

Prerequisites: VNRS 151L.
 Corequisites: VNRS 160.
 Clinical application of theoretical concepts of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. Offered for Pass/No Pass grading Only. 162 lab hours.
 30950 Grauso, L. WF 06:45 AM-04:50 PM FD 04/22-06/15
Clinicals will also meet on the following Saturdays: April 27 and May 11, 2013, 7:00 am to 4:00 pm. Lab section only. Lecture section also required.
NOTE: Clinical days and times are subject to change.
Second 8 weeks.
 31955 Wong, J. S 07:00 AM-03:50 PM FD 05/04-05/18
Clinicals will meet on the following Saturdays: April 27, and May 11, 2013, 7:00am to 4:00pm.
Requires enrollment in CRN 30950. Lab section only - Lecture also required.
NOTE: Clinical days and times are subject to change.

VNRS 152 Pharmacology I 1 Units

Prerequisite: 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.
 30940 Wong, J. M 02:30 PM-04:50 PM TC 228 02/19-04/13
First 8 weeks.

VNRS 162 Pharmacology II 1 Units

Prerequisites: VNRS 150, 151L, 152, 153, 154, 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.
 30957 Wong, J. M 10:15 AM-12:35 PM TC 228 04/22-06/15
Second 8 weeks.

VNRS 153 Introductory Nutrition for the Vocational Nurse 1 Units

Prerequisite: NRS 100.
 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 NRS 163. 18 lecture hours.
 30941 Grauso, L. T 06:45 AM-08:50 AM TC 228 02/19-04/13
First 8 weeks

VNRS 163 Diet Therapy for the Vocational Nurse 1 Units

Prerequisite: 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.
 30958 Grauso, L. T 06:45 AM-08:50 AM TC 228 04/22-06/15
Second 8 weeks.

VNRS 154 Body Structure Function for the Vocational Nurse I 1.5 Unit:

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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VNRS 164 Body Structure and Function for the Vocational Nurse II **1.5 Units:**
 Prerequisites: VNRS 154.
 Corequisites: VNRS 160.
 A continuation of body structure and function for the vocational nurse with clinical case studies. 27 lecture hours.
 30959 Ellis, J. M 06:30 AM-10:05 AM TC 228 04/22-06/15
Second 8 weeks.

VNRS 165 Adult Growth and Development for the Vocational Nurse **1 Units**
 Prerequisites: VNRS 150.
 Theoretical principles of growth and development. Nursing assessment and promotion of health of the adult from early childhood through death. 18 lecture hours.
 30960 Grauso, L. HRS-ARRG 04/22-06/15
DISTANCE EDUCATION LATE START HYBRID CLASS. After registering go to www.citruscollege.edu/de. Second 8 weeks
MANDATORY on-campus meetings on the following Mondays: 4/22, 5/6, 5/20, 6/3, and 6/10 in TC 228 from 1:30PM to 3:35PM. Students required to take tests on campus.

VNRS 170 Medical-Surgical Nursing II **7 Units**
 Prerequisites: VNRS 160, 161L, 162, 163, 164.
 Corequisites: VNRS 171L.
 Provides 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 advance skills include those related to the following body systems: cardiovascular, respiratory, neurological, genitourinary, endocrine and special senses. 126 lecture hours.
 30970 Boquiren, C. T 06:45 AM-02:20 PM TC 229 02/19-06/15
Lecture section only. Lab section also required.

VNRS 171L Medical-Surgical Nursing II Lab **7 Units**
 Corequisites: VNRS 170 and VNRS 183.
 Clinical application of theoretical concepts of medical-surgical nursing of clients with alterations of respiration, circulation, blood and immune system, endocrine, special senses, neurological and genito-urinary conditions. Offered for Pass/No Pass grading only. 378 lab hours.
 30971 Boquiren, C. RF 11:30 AM-10:25 PM FD 02/19-06/15
Clinicals will also meet on the following Wednesdays: (Competencies) March 20, and May 1, 2013, 6:45am to 3:45pm and the following Wednesdays: February 20, March 6, and April 3, 2013 12:50pm to 11:59pm.
Lab section only. Lecture section also required.
NOTE: Clinical days and times are subject to change.
 30972 Wong, J. WR 06:45 AM-05:35 PM FD 02/19-06/15
Clinicals will also meet on the following Fridays: (Competencies) March 22, and May 3, 2013, 6:45am to 3:45pm and the following Fridays: February 22, March 8, and April 26, 2013 6:45am to 6:45pm
Enrollment also required in CRN 31900. Lab section only. Lecture section also required.
NOTE: Clinical days and times are subject to change.
 31899 Boquiren, C. W 06:45 AM-03:35 PM FD 03/20-03/27
Competencies will meet on the following Wednesdays: March 20, and May 1, 2013, 6:45am to 3:45pm
Clinicals will meet on the following Wednesdays: February 20, March 6, and April 3, 2013, 12:50pm to 11:55pm.
Requires enrollment in CRN 30971. Lab section only - Lecture also required.
NOTE: Clinical days and times are subject to change.
 31900 Wong, J. F 06:45 AM-03:35 PM FD 06/07-06/15
Competencies will meet on the following Fridays: March 22, and May 3, 2013, 6:45am to 3:45pm
Clinicals will meet on the following Fridays: February 22, March 8, and April 26, 2013, 6:45am to 6:45pm.
Requires enrollment in CRN 30972. Lab section only - Lecture also required.
NOTE: Clinical days and times are subject to change.

VNRS 172 Advanced Pharmacology **2 Units**
 Prerequisite: VNRS 162.
 Fundamental principles of drug action and the application of specific drugs for the treatment of patients with alterations of respiration, renal system, circulation, the blood, endocrine function, neurological function, vision, and hearing. 36 lecture hours.
 30974 Wong, J. M 09:00 AM-02:05 PM TC 229 02/19-04/13

VNRS 173 Psychology for Vocational Nurses **2 Units**
 Prerequisites: VNRS 161L, 162, 163, 164, 165.
 Corequisites: VNRS 170, 171L, 172, 183.
 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.
 30975 Greene, D. M 08:30 AM-01:35 PM TC 229 04/22-06/15

VNRS 183 Leadership in Nursing **3 Units**
 Prerequisites: VNRS 160, 161L. VNRS 170 or concurrent enrollment. VNRS 171L or concurrent enrollment.
 Teaches advanced nursing students in the theory needed to perform skills and procedures used by nursing team leaders in a clinical setting. 36 lecture hours, 54 lab hours.
 30976 Tucker, G. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Lecture section only. Lab section also required.
Mandatory on-campus meetings on the following Mondays: February 25, April 8 (midterm), May 20, and June 10 (final exam) at 6:45 a.m. - 8:20 a.m. in TC 229.
 30977 Boquiren, C. RF 10:35 PM-11:55 PM FD 02/19-06/15
Lab section only. Lecture section also required.
NOTE: Clinical days and times are subject to change.
 30978 Wong, J. WR 06:10 PM-07:35 PM FD 02/19-06/15
Lab section only. Lecture section also required.
NOTE: Clinical days and times are subject to change.

Office Tech & Computer Apps

OFF 101 Introduction to Microsoft Office Applications **3 Units**
 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 hours lecture, 36 hours lab. CSU
 30108 James, R. MW 09:15 AM-10:30 AM LB 201 02/19-06/15
 James, R. MW 10:40 AM-11:45 AM LB 201 02/19-06/15
 30107 James, R. TR 08:00 AM-09:15 AM LB 201 02/19-06/15
 James, R. TR 09:25 AM-10:30 AM LB 201 02/19-06/15

OFF 120 Excel Spreadsheet **2 Units**
 An introduction to Excel worksheets and workbooks. Includes formatting, calculating sums, formulas, charts, enhancing the worksheet, and making decisions using the IF function, completing financial functions, data lists, and large workbooks and using templates. 36 lecture hours. CSU
 30110 James, R. HRS-ARRG 02/19-04/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Mandatory Orientation on February 19, 2013 at 6:00 p.m. - 7:00 p.m. in LB 201. First 8 weeks

OFF 215 Introduction to Microsoft Outlook **2 Units**
 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.
 31977 James, R. T 01:45 PM-03:50 PM LB 201 02/19-06/15

OFF 260 Computer Keyboarding and Document Processing **3 Units**
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30112 James, R. TR 11:00 AM-12:15 PM LB 201 02/19-06/15
 James, R. TR 12:25 PM-01:30 PM LB 201 02/19-06/15

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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OFF 285 Administrative Office Procedures 3 Units

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.

31703 James, R. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS. After registering to www.citruscollege.edu/ Mandatory Orientation on February 19 at 7:00pm - 8:00pm in LB 201

OFF 294 Beginning Microsoft Word 2 Units

An introduction to word processing concepts. Topics include: creating and editing text and printing office documents such as; letters from templates, research papers, resume, mail merge, and newsletters. This course will also include proofreading and editing skills. 36 lecture hours.

31854 James, R. MW 12:30 PM-01:35 PM LB 201 02/19-06/15
 31980 Miyabe, J. W 06:30 PM-08:35 PM LB 201 02/19-06/15

Philosophy

PHIL 101 Great Religions of the World 3 Units

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

The historical development, principal ideas and contributions of the world's religions. 54 lecture hours. CSU UC

30838 Saldana, R. MW 08:20 AM-09:45 AM LB 101 02/19-06/15
 30839 Saldana, R. MW 09:55 AM-11:20 AM LB 101 02/19-06/15
 30840 Saldana, R. TR 08:20 AM-09:45 AM LB 101 02/19-06/15
 31098 Call, J. TR 01:05 PM-02:30 PM LB 101 02/19-06/15

PHIL 106 Introduction to Philosophy 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30841 Saldana, R. MW 11:30 AM-12:55 PM LB 101 02/19-06/15
 31237 Amaya, H. M 07:00 PM-10:10 PM LB 101 02/19-06/15
 30842 Saldana, R. TR 11:30 AM-12:55 PM LB 101 02/19-06/15
 30843 Call, J. HRS-ARRG 02/19-06/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus in Testing Center.

PHIL 106H Introduction to Philosophy/Honors 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30844 Call, J. TR 09:55 AM-11:20 AM P3 100 02/19-06/15

PHIL 108 Philosophy - Ethics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30845 Saldana, R. TR 09:55 AM-11:20 AM LB 101 02/19-06/15

PHIL 110 Philosophy - Logic 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30846 Call, J. MW 09:55 AM-11:20 AM LB 103 02/19-06/15
 31213 Call, J. MW 01:05 PM-02:30 PM LB 103 02/19-06/15
 30848 Saldana, R. F 08:10 AM-11:20 AM LB 101 02/19-06/15
 30847 Saldana, R. T 07:00 PM-10:10 PM LB 101 02/19-06/15

Photography

PHTO 101 Basic Photography 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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. This course may be taken two times. Material fee.

36 lecture hours, 90 lab hours. CSU UC

30676 Caughman, L. M 08:00 AM-08:50 AM LB 204 02/19-06/15
 Caughman, L. W 08:00 AM-09:05 AM LB 204 02/19-06/15
 Caughman, L. MW 09:15 AM-11:45 AM LB 204 02/19-06/15
 30678 Orso, R. T 08:00 AM-08:50 AM LB 204 02/19-06/15
 Orso, R. R 08:00 AM-09:05 AM LB 204 02/19-06/15
 Orso, R. TR 09:15 AM-11:45 AM LB 204 02/19-06/15
 30679 Caughman, L. T 01:00 PM-01:50 PM LB 204 02/19-06/15
 Caughman, L. R 01:00 PM-02:05 PM LB 204 02/19-06/15
 Caughman, L. TR 02:15 PM-04:45 PM LB 204 02/19-06/15
 31963 Nelson, M. M 06:30 PM-07:20 PM LB 204 02/19-06/15
 Nelson, M. W 06:30 PM-07:35 PM LB 204 02/19-06/15
 Nelson, M. MW 07:45 PM-10:15 PM LB 204 02/19-06/15

PHTO 215 Digital Photographic Imaging 3 Units

Strongly recommended: PHTO 101 and 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. This course may be taken four times. Material fee. 36 lecture hours, 90 lab hours.

30681 Orso, R. M 01:00 PM-01:50 PM LB 204 02/19-06/15
 Orso, R. W 01:00 PM-02:05 PM LB 204 02/19-06/15
 Orso, R. MW 02:15 PM-04:45 PM LB 204 02/19-06/15
 30682 Battle, A. T 06:30 PM-07:20 PM LB 204 02/19-06/15
 Battle, A. R 06:30 PM-07:35 PM LB 204 02/19-06/15
 Battle, A. TR 07:45 PM-10:15 PM LB 204 02/19-06/15

Physics

PHYS 110 Introduction to College Physics 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

31534 Ramos, G. W 05:25 PM-08:35 PM PS 101 02/19-06/15
Lab section only. Lecture section CRN 30364 also required.

PHYS 201 Physics A: Mechanics 5 Units

Prerequisite: MATH 190.

Fundamental principles of mechanics, vectors, motion, work, energy, momentum, and rotational motion. Required for all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU UC

30385 Riderer, L. MW 03:00 PM-04:25 PM PS 107 02/19-06/15
 Riderer, L. M 04:35 PM-05:25 PM PS 125 02/19-06/15
 Riderer, L. W 08:00 AM-11:10 AM PS 125 02/19-06/15
 31537 Riderer, L. MW 03:00 PM-04:25 PM PS 107 02/19-06/15
 Riderer, L. M 06:35 PM-07:25 PM PS 125 02/19-06/15
 Riderer, L. W 05:00 PM-08:10 PM PS 125 02/19-06/15

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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PHYS 202 Physics B: Thermodynamics and Electromagnetism 5 Units

Prerequisite: PHYS 201 and MATH 191.
 Strongly recommended: MATH 210.
 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

31696	Ramos, G.	MW	03:00 PM-04:25 PM	PS 113	02/19-06/15
	Ramos, G.	W	01:30 PM-02:20 PM	PS 101	02/19-06/15
	Ramos, G.	T	03:40 PM-06:50 PM	PS 101	02/19-06/15

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

31075	Shaw, T.	MW	08:20 AM-09:45 AM	HH 754	02/19-06/15
31076	Rosales, A.	MW	09:55 AM-11:20 AM	HH 754	02/19-06/15
31088	Levine, B.	MW	11:30 AM-12:55 PM	HH 754	02/19-06/15
32004	Shaw, T.	F	08:10 AM-11:20 AM	LB 310	02/19-06/15
31835	Brown, M.	W	07:00 PM-10:10 PM	LB 301	02/19-06/15
31870	Peterson, L.	T	07:00 PM-10:10 PM	LB 102	02/19-06/15
30886	Kim, A.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Students are required to take exams on campus in Testing Center.					
30887	Kim, A.	HRS-ARRG			02/19-04/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
First 8 weeks					

Political Science

POLI 103 American Government and Politics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30778	Peters, G.	MW	11:30 AM-12:55 PM	LB 303	02/19-06/15
30777	Peters, G.	MW	01:05 PM-02:30 PM	LB 303	02/19-06/15
31225	Milbrandt, D.	MW	03:50 PM-05:15 PM	LB 306	02/19-06/15
31253	Ross, L.	M	07:00 PM-10:10 PM	LB 303	02/19-06/15
30922	Milbrandt, D.	R	03:40 PM-06:50 PM	LB 310	02/19-06/15
30784	Peters, G.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31755	Ross, L.	HRS-ARRG			02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31531	Peters, G.	HRS-ARRG			02/19-04/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/du					
First 8 weeks					
30785	Peters, G.	HRS-ARRG			04/22-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Second 8 weeks					

PSY 102 Psychobiology 3 Units

Prerequisite: PSY 101.
 Strongly recommended: BIOL 104 or BIOL 105.
 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

31095	Tate, E.	TR	08:20 AM-09:45 AM	HH 754	02/19-06/15
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PSY 103 Statistics for the Social and Behavioral Sciences 3 Units

Prerequisite: MATH 150.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 An elementary course in statistical concepts designed especially for students in the social and behavioral science areas. 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

31747	Brown, R.	TR	01:05 PM-02:30 PM	LB 302	02/19-06/15
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PSY 205 Developmental Psychology 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30876	Kim, A.	MW	01:05 PM-02:30 PM	LB 306	02/19-06/15
31246	Resch, A.	M	07:00 PM-10:10 PM	LB 310	02/19-06/15

PSY 206 Child Growth and Development 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course examines major physical, psychosocial, and cognitive/language developmental milestones as they pertain to the various ages and stages in a child's life from the prenatal development through adolescence. Practices of investigative research methodologies, caregiving, education, teaching, and parenting that derive from diverse cultural and theoretical perspectives will be analyzed. Students will learn to observe and children, evaluate individual differences and analyze characteristics of development at various stages. Interactions between maturational and environmental factors will be explored. 54 lecture hours. CSU

30865	Gregg, J.	MW	09:55 AM-11:20 AM	LB 310	02/19-06/15
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Psychology

PSY 101 Introduction to Psychology 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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

30792	Peters, G.	TR	01:05 PM-02:30 PM	LB 303	02/19-06/15
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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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PSY 212 Abnormal Psychology 3 Units

Prerequisite: 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
 30869 Skalicky, J. TR 03:50 PM-05:15 PM LB 301 02/19-06/15
 31312 Skalicky, J. M 07:00 PM-10:10 PM LB 301 02/19-06/15

PUB 160 Public Administration 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 31279 Swartz, T. M 06:30 PM-09:40 PM PC 303 02/19-06/15

PSY 213 Survey of Drug and Alcohol Use and Abuse 3 Units

Prerequisite: PSY 101.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 31096 Guttman, K. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

PUB 210 Real Estate Principles 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 30717 Mastro Simone, V. R 06:30 PM-09:40 PM PC 303 02/19-06/15

Real Estate

PSY 225 Psychology of Human Sexuality 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 31097 Brown, R. HRS-ARRG 02/19-04/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
First 8 weeks
 30868 Brown, R. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

REC 103 Introduction to Audio Engineering 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30101 Ghidella, R. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/
Students required to take exams on campus.

Recording Technology

Public Works

PUB 150 Public Works I 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 31278 Alba, R. T 06:30 PM-09:40 PM PC 303 02/19-06/15

REC 140 Music Theory for Engineers 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 31967 O'Hara, S. TR 01:05 PM-02:30 PM PA 192 02/19-06/15
 O'Hara, S. TR 05:25 PM-07:30 PM PA 192 02/19-06/15

PUB 155 Public Works Inspection 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 31280 Adawiya, I. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS: After registering go to www.citruscollege.edu/de

REC 255 Advanced Live Sound Reinforcement 4 Units

Prerequisite: REC 135.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement 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.
 30703 Deatrick, S. MWF 01:25 PM-02:15 PM VT 208 02/19-06/15
 Deatrick, S. F 11:10 AM-01:15 PM VT 117 02/19-06/15
 Deatrick, S. S 11:15 AM-01:20 PM VT 117 02/19-06/15

PUB 156 Concrete Structures and Inspection 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level and 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.
 31832 Adawiya, I. W 06:30 PM-09:40 PM PC 303 02/19-06/15

Sociology

PUB 157 Asphalt and Portland Cement 3 Units

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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SOC 114 Marriage, Family, and Intimate Relations 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30864 White, G. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

SOC 201 Introduction to Sociology 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 An emphasis is placed on the study of the basic structure of human society, the main forces that hold groups together or weaken them, conditions that transform social life, and basic social concepts. 54 lecture hours. CSU UC
 30920 Walz, S. MW 11:30 AM-12:55 PM LB 301 02/19-06/15
LEARNING COMMUNITIES CLASS Requires enrollment in ENGL 101 CRN 30499
 32019 Ottaviano, L. MTWR 08:20 AM-09:45 AM LB 301 04/22-06/15
 31273 White, G. HRS-ARRG 04/22-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Second 8 weeks

SOC 202 Contemporary Social Problems 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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. 54 lecture hours. CSU UC
 30850 White, G. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

Spanish

SPAN 101 Spanish I 5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30152 Garate, E. MTWR 07:00 AM-08:10 AM LB 108 02/19-06/15
 30145 Garate, E. MTWR 08:20 AM-09:30 AM LB 108 02/19-06/15
 30146 Afzali, A. MW 10:05 AM-12:35 PM LB 108 02/19-06/15
 30147 Afzali, A. TR 10:05 AM-12:35 PM LB 108 02/19-06/15
 30148 Garate, E. MTWR 11:30 AM-12:40 PM LB 305 02/19-06/15
 30143 Afzali, A. MW 01:05 PM-03:35 PM LB 108 02/19-06/15
 30150 Garate, E. MW 03:50 PM-06:20 PM LB 108 02/19-06/15
 30151 Blynn-Avanosian, S. TR 06:30 PM-09:00 PM IS 109 02/19-06/15

SPAN 102 Spanish II 5 Units

Prerequisite: Completion of SPAN 101 with min. grade of C or two years of high school Spanish.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A further study of elementary Spanish grammar and vocabulary which develops understanding, speaking, reading and writing skills. Includes additional study of the cultural heritage of Spain and Latin America. 90 lecture hours. CSU UC
 30154 McGarry, A. MTWR 08:35 AM-09:45 AM LB 106 02/19-06/15
 31176 McGarry, A. TR 10:05 AM-12:35 PM LB 106 02/19-06/15
 31885 Guillen, N. TR 06:30 PM-09:00 PM P1 104 02/19-06/15

SPAN 201 Spanish III 5 Units

Strongly recommended: Fluent in Spanish or completion of SPAN 102. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 This intermediate level course was created with both native Spanish speakers and students studying Spanish as a second language in mind. Current social themes and vocabulary support a comprehensive review of Spanish grammar. The discussion of contemporary cultural topics, the reading of authentic texts, and the development of writing skills are all features of this class that help all intermediate Spanish students to refine and enjoy using their language skills. Class is conducted primarily in Spanish. Note that Spanish 3 and 4 do not need to be taken in order. 90 lecture hours. CSU UC
 31805 Garate, E. MTWR 01:05 PM-02:15 PM P1 104 02/19-06/15

SPAN 202 Spanish IV 5 Units

Strongly recommended: Fluent in Spanish or completion of SPAN 102. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 This intermediate level course, which may be taken before or after Spanish 3, was designed for both native Spanish speakers and students studying Spanish as a second language. Contemporary cultural topics and vocabulary will provide a context for the study of higher level Spanish grammar. Meaningful readings and the refinement of writing skills will help students to further develop their cultural and linguistic competence. This interactive course is conducted primarily in Spanish. 90 lecture hours. CSU UC
 31806 McGarry, A. MW 10:05 AM-12:35 PM LB 106 02/19-06/15

Speech

SPCH 100 Interpersonal Communication 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 UC
 30128 Nelson, M. TR 03:50 PM-05:15 PM LB 309 02/19-06/15
 31540 Nelson, M. TR 01:05 PM-02:30 PM LB 304 02/19-06/15
 31139 Deets, K. T 07:00 PM-10:10 PM AN 101 02/19-06/15
 30133 Tufano, A. W 07:00 PM-10:10 PM AN 101 02/19-06/15

SPCH 101 Public Address 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30178 Kennelley, E. F 08:10 AM-11:20 AM P1 103 02/19-06/15
 31946 Kennelley, E. F 01:05 PM-04:15 PM P1 103 02/19-06/15
 31541 Chavez-Appel, M. TR 08:20 AM-09:45 AM LB 304 02/19-06/15
 30163 Shrope-Austin, D. TR 03:50 PM-05:15 PM LB 305 02/19-06/15
 31172 Tufano, A. TR 07:35 PM-09:00 PM AN 102 02/19-06/15
 31137 Kennelley, E. M 07:00 PM-10:10 PM AN 101 02/19-06/15
 31951 Shrope-Austin, D. T 07:00 PM-10:10 PM LB 203 02/19-06/15
 31952 Shrope-Austin, D. R 07:00 PM-10:10 PM LB 203 02/19-06/15
 30175 Van Horn, T. T 01:05 PM-02:30 PM ED 205 02/19-06/15
 Van Horn, T. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION HYBRID CLASS - ONLINE WORK REQUIRED. After registering go to www.citruscollege.edu/de. This class will meet every Tuesday 1:05 - 2:30 pm in ED 205.
 30180 Van Horn, T. HRS-ARRG 02/19-06/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Mandatory orientation on February 28 at 4:00 p.m. - 6:00 p.m. in ED 205. Mandatory on-campus presentations on the following Tuesdays: March 19, April 23, and May 28 at 4:00 p.m. - 10:00 p.m. in ED 205. Mandatory on-campus final exam. IF UNABLE TO ATTEND ALL ON-CAMPUS MEETINGS, PLEASE DO NOT REGISTER FOR THIS CLASS.

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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SPCH 101H Public Address - Honors 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30158 Van Horn, T. MW 01:05 PM-02:30 PM ED 205 02/19-06/15

SPCH 103 Argumentation and Debate 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30141 Fincher, J. MW 01:05 PM-02:30 PM TC 127 02/19-06/15

SPCH 106 Small Group Communication 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 30142 Anson, M. MW 01:05 PM-02:30 PM P1 103 02/19-06/15

Theatre Arts

THEA 101 Introduction to Theatre Arts 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
 31982 Slay, K. R 07:00 PM-10:10 PM VT 215 02/19-06/15

THEA 200 The Art of the Theatre 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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. This course may be taken two times. 54 lecture hours. CSU UC
 31907 Slay, K. T 07:00 PM-10:10 PM PA 181 02/19-06/15

THEA 210 Rehearsal and Performance 3 Units

Prerequisite: Audition.
 Participation in the production of a full-length play for public performance. This course may be taken four times. 18 lecture hours, 108 lab hours. CSU UC
 30720 Brown, C. S 05:00 PM-06:15 PM PA 181 03/09-06/15
 Brown, C. S 10:25 AM-04:50 PM PA 181 03/09-06/15
 Brown, C. S 06:25 PM-08:30 PM PA 181 03/09-06/15

AUDITION REQUIRED. Audition dates, times and sign-up sheet will be posted by the Little Theatre, PA 181. This course does not have a wait list.

THEA 220 Rehearsal and Performance II 3 Units

Prerequisite: THEA 210.
 Continued and more in-depth participation in the production of full-length play for public performance. This course may be taken four times. 18 lecture hours, 108 lab hours. CSU UC
 30729 Brown, C. S 05:00 PM-06:15 PM PA 181 03/09-06/15
 Brown, C. S 10:25 AM-04:50 PM PA 181 03/09-06/15
 Brown, C. S 06:25 PM-08:30 PM PA 181 03/09-06/15

THEA 698C Cooperative Education 3 Units

Enrollment in a minimum of seven units of credit including Cooperative Education during the regular semester. During the summer the student must be enrolled in at least one other class.
 A course designed to assist students in planning and accomplishing meaningful learning objectives related to Theatre Arts at their place of volunteer employment or training sites. This course may be taken four times. 180 lab hours arranged per semester.
 31953 Volonte, D. HRS-ARRG 02/19-06/15

Water Technology

WATR 150 Introduction to Water Systems 3 Units

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.
 30721 Maestas, A. W 06:30 PM-09:40 PM HH 754 02/19-06/15

WATR 153 Water Resources and Distribution II 3 Units

Strongly recommended: WATR 150, WATR 151, and MATH 030.
 A course in practical water supply hydraulics with emphasis on the basic principles of hydraulics. The purpose of the course is to clarify pressure, head, buoyancy, friction loss, forces, velocity of flow and size capacity relationship of distribution systems. The course includes the study of pump characteristics, sizing of pumps, water chemistry, water treatment, arithmetic, chemical treatment, and efficiency test procedures. Typical calculations include line loss in series and parallel pipe systems, residual pressure, forces on thrust blocks, and horsepower requirements for pumps. This course prepares the student for the D3, D4, and D5 Water Distribution Operator's examinations. 54 lecture hours.
 30724 Gramling, G. R 06:30 PM-09:40 PM HH 754 02/19-06/15