

Citrus College

Revised
Cancelled Classes are deleted



2009 SPRING SEMESTER CLASS SCHEDULE

February 18-June 12, 2009



Registration begins *December 1, 2008*

Apply and register online at <https://wingspan.citruscollege.edu>

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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Accounting

ACCT 100 Accounting 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

30007 Borja, P. HRS-ARRG 02/18-06/13
 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

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

30008 Smolin, R. MW 07:45 AM-09:50 AM LB 208 02/18-06/13
 30009 Borja, P. MW 10:00 AM-12:05 PM LB 208 02/18-06/13

30010 Smolin, R. TR 07:45 AM-09:50 AM LB 208 02/18-06/13
 30011 Borja, P. TR 12:15 PM-02:20 PM LB 208 02/18-06/13

30012 Smolin, R. M 06:00 PM-10:15 PM LB 208 02/18-06/13

30014 Smolin, R. HRS-ARRG 02/18-06/13
 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

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

30015 Borja, P. MW 12:15 PM-02:20 PM LB 208 02/18-06/13

30016 Smolin, R. TR 10:00 AM-12:05 PM LB 208 02/18-06/13

30017 Borja, P. T 06:00 PM-10:15 PM LB 208 02/18-06/13

Administration of Justice

AJ 101 Introduction to the Administration of Justice 3 Units

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

The history and philosophy of administration of justice in America; recapitulation of the system; identifying the various sub-systems; role expectations, and their inter-relationships; theories of crime, punishment, and rehabilitation; ethics, education and training for professionalism in the system. 54 lecture hours. CSU UC

30966 Zaharek, J. MW 09:55 AM-11:20 AM TA 414 02/18-06/13

30967 Woolum, J. TR 09:55 AM-11:20 AM TA 414 02/18-06/13

30968 Wong, K. M 07:00 PM-10:10 PM TA 414 02/18-06/13

30970 Woolum, J. HRS-ARRG 02/18-06/13

AJ 102 Concepts of Criminal Law 3 Units

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

The philosophy and historical development of law, including the provisions of the U.S. Constitution. The concepts and definitions necessary to relate court decisions to statutes including those specific to correctional institutions. 54 lecture hours. CSU UC

30971 Woolum, J. TR 08:20 AM-09:45 AM TA 414 02/18-06/13

30976 Gold, P. HRS-ARRG 02/18-06/13

AJ 103 Legal Aspects of Evidence 3 Units

Prerequisite: AJ 102.

Origin, development, philosophy and constitutional basis of evidence, constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. 54 lecture hours. CSU

30972 Woolum, J. TR 01:05 PM-02:30 PM TA 414 02/18-06/13

AJ 105 Criminal Investigation 3 Units

Prerequisite: AJ 101.

Fundamentals of investigation and the techniques of crime scene recording and search. The collection and preservation of physical evidence, modus operandi processes, sources of information, interview and interrogation, followup, and case preparation. 54 lecture hours. CSU

30973 Dennis, P. R 07:00 PM-10:10 PM LB 301 02/18-06/13

AJ 106 Patrol Procedures 3 Units

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

This course is a study of the responsibility, techniques, and methods of police patrol. This includes the areas of patrol distribution, selective enforcement, pull over and approach methods, emergency pursuit driving, search of suspects and buildings, field interrogations, and procedures in handling "police-called-for" services. 54 lecture hours. CSU

30980 Hunt, S. F 08:10 AM-11:20 AM LB 303 02/18-06/13

AJ 108 Juvenile Procedures 3 Units

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

The techniques of handling juvenile offenders and victims, the prevention and repression of delinquency, juvenile law and procedure, the organization of community resources, and diagnosis and referral. 54 lecture hours. CSU

30974 Grasser, G. T 07:00 PM-10:10 PM TA 414 02/18-06/13

AJ 111 Narcotics and Vice Control 3 Units

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

History, identification, and effects of narcotics. Current narcotic and vice problems. Special consideration will be given laws affecting the control of narcotics and vice. 54 lecture hours. CSU

30975 Sanchez, E. R 07:00 PM-10:10 PM LB 303 02/18-06/13

AJ 112 Community Relations 3 Units

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

An in depth exploration of the roles of the administration of justice practitioners and their agencies. Through interaction and study the student will become aware of the interrelationships and role expectations among the various agencies and the public. Principal emphasis will be placed upon the professional image of the system of justice administration and the development of positive relationships between members of the system and the public. 54 lecture hours. CSU UC

30977 Woolum, J. TR 11:30 AM-12:55 PM TA 414 02/18-06/13

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
AJ 131	Introduction to Corrections				3 Units	30086	Orso, R.		HRS-ARRG		02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A survey of the field of correctional science. Historical development, current concepts and practice, explanations of criminal behavior; functions, and objectives of the criminal justice system concerned with institutional, probation, and parole processes as they modify the offender's behavior and survey of professional career opportunities in public and private agencies. 54 lecture hours. CSU											
30978	Provencher, H.	W	07:00 PM-10:10 PM	LB 306	02/18-06/13	31372	Johnson, S.	MW	08:20 AM-09:45 AM	PA 133	02/18-06/13
AJ 135	Control and Supervision in Corrections				3 Units	30437	Johnson, S.	MW	01:05 PM-02:30 PM	AC 103	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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											
30979	Provencher, H.		HRS-ARRG		02/18-06/13	31416	Johnson, S.		HRS-ARRG		02/18-06/13

Anthropology

ANTH 210	Introduction to Cultural Anthropology				3 Units	31154	Evans, S.	MW	11:30 AM-12:55 PM	LH 102	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Students will critically examine various societies around the world using basic cultural concepts such as marriage, family, art, food production, political organization, and religion. The class is designed to foster a pluralistic view of the world, teach introductory anthropological concepts, and strengthen critical thinking. College level reading is strongly advised for success in the course. 54 lecture hours. CSU UC											
31155	Evans, S.	MW	01:05 PM-02:30 PM	LB 103	02/18-06/13	31159	Rodriguez, L.		HRS-ARRG		04/20-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de											
ANTH 212	Introduction to Physical Anthropology				3 Units	31152	Rodriguez, L.		HRS-ARRG		02/18-06/13
Corequisite: ANTH 212L. Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. An optional laboratory component is available. College level reading is highly recommended for success in the course. 54 lecture hours. CSU UC											

ANTH 212L	Introduction to Physical Anthropology Lab				1 Units	31153	Rodriguez, L.		HRS-ARRG		02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.											
DISTANCE EDUCATION LAB. After registering go to www.citruscollege.edu/de											

Art

ART 100	Art History and Appreciation - Fundamentals				3 Units	31374	Holmes, A.	TR	08:20 AM-09:45 AM	PA 133	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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											
31370	Orso, R.		HRS-ARRG		04/20-06/13	30081	Rachford, M.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de See website for Mandatory orientation.											
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											

ART 101	Art History and Appreciation-Ancient				3 Units	31372	Johnson, S.	MW	08:20 AM-09:45 AM	PA 133	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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											
30437	Johnson, S.	MW	01:05 PM-02:30 PM	AC 103	02/18-06/13	31416	Johnson, S.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											
ART 102	Art History and Appreciation - Medieval				3 Units	31371	Holmes, A.	TR	09:55 AM-11:20 AM	AC 103	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course covers the history of western art from the fall of Rome to the beginning of the Renaissance. Some of the course content is concerned with the fundamentals of art appreciation as well as its history. 54 lecture hours. CSU UC											

ART 103	Art History and Appreciation - Renaissance to Rococo				3 Units	30439	Johnson, S.	MW	11:30 AM-12:55 PM	AC 103	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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											
30441	Johnson, S.		HRS-ARRG		04/20-06/13	30440	Johnson, S.		HRS-ARRG		02/18-06/13
LATE START. DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de											

ART 104	Art History and Appreciation - 19th Century Art				3 Units	30442	Johnson, S.	MW	09:55 AM-11:20 AM	AC 103	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course covers the history and fundamental appreciation of western art from the French Revolution to c. 1900 A.D. 54 lecture hours. CSU UC											
ART 110	Introduction to Visual Arts				3 Units	30464	Rachford, M.	TR	08:10 AM-11:20 AM	AC 116	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A course designed to further the general education of all students. Students will be introduced to the visual arts through aesthetics, critique, history, and by creating art using various mediums. This course may be taken two times. 36 lecture hours, 72 lab hours. CSU UC											

ART 111	Beginning Drawing				3 Units	30465	Rachford, M.	MW	08:10 AM-11:20 AM	AC 113	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A basic course in drawing and composition to develop a student's ability to perceive and define shape, mass, contour, volume, space and light, using a variety of media and subject matter. This course is required of all art majors. 36 lecture hours, 72 lab hours. CSU UC											
30466	Wiesenfeld, A.	MW	11:30 AM-02:40 PM	AC 113	02/18-06/13	30472	Duffy, D.	TR	08:10 AM-11:20 AM	AC 113	02/18-06/13
30473	Rachford, M.	TR	11:30 AM-02:40 PM	AC 113	02/18-06/13	30471	Moore, E.	TR	11:30 AM-02:40 PM	AC 109	02/18-06/13
30474	Zweig, M.	TR	02:45 PM-05:55 PM	AC 113	02/18-06/13	30475	Wessel, M.	TR	06:00 PM-09:10 PM	AC 113	02/18-06/13
30476	Moore, E.	F	09:00 AM-03:30 PM	AC 109	02/18-06/13						

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ART 112	Intermediate Drawing				3 Units						
Emphasis is on conceptual art through advanced, imaginative and subjective approaches to drawing. Includes experimental use of media, theoretical and conceptual approaches to content, and examination of aesthetics within contemporary drawing concerns. Required of all art majors. 36 lecture hours, 72 lab hours. CSU UC											
30477	Duffy, D.	MW	02:45 PM-05:55 PM	AC 116	02/18-06/13						
ART 115	Figure Drawing I				3 Units						
Strongly Recommended: READ 099 if required by reading placement exam or if required by reading level. An introduction to the structural understanding of the human form, based on study of the figure in history, theory, and aesthetics and its practical application to drawing from live model. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU UC											
31045	Moore, E.	MW	02:45 PM-05:55 PM	AC 113	02/18-06/13						
ART 116	Figure Drawing II				3 Units						
Prerequisite: Art 115. A continuation of the structural study of the figure with emphasis on the exploration of expressive concepts, media, and techniques. Included will be reading for historical, theoretical, and aesthetic application to class material. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU UC											
31048	Moore, E.	MW	02:45 PM-05:55 PM	AC 113	02/18-06/13						
ART 120	Two-Dimensional Design				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. An investigation of the elements of art: especially color and composition. Emphasis is placed on individual solutions to visual problems by observing the principles of design. Required of all art majors. 36 hours lecture, 72 lab hours. CSU UC											
30041	Moore, E.	TR	02:45 PM-05:55 PM	AC 109	02/18-06/13						
ART 122	Color Theory and Composition				3 Units						
Prerequisite: ART 120. The course advances beyond color theory and composition received in ART 120. Emphasis is on the use of color to communicate concepts through the study of established color theory. Excellent for illustrations, graphics, and fine art majors. 36 lecture hours, 72 lab hours. CSU UC											
30481	Moore, E.	TR	02:45 PM-05:55 PM	AC 109	02/18-06/13						
ART 130	Beginning Painting				3 Units						
An objective approach to form, space, and color concepts using oil or acrylic paint. Includes critical examination of paintings for technical and aesthetic concerns, content, and historical/cultural influences. 36 lecture hours, 72 lab hours. CSU UC											
30714	Duffy, D.	MW	06:00 PM-09:10 PM	AC 112	02/18-06/13						
30482	Duffy, D.	TR	11:30 AM-02:40 PM	AC 112	02/18-06/13						
ART 131	Intermediate Painting				3 Units						
Prerequisite: ART 130. Development of expressive painting concepts and techniques in oil and acrylic, with emphasis on historical, theoretical, and cultural meanings. Standard painting media. This course may be taken two times. 36 lecture hours, 72 lab hours. CSU UC											
30715	Duffy, D.	MW	06:00 PM-09:10 PM	AC 112	02/18-06/13						
30483	Duffy, D.	TR	11:30 AM-02:40 PM	AC 112	02/18-06/13						
ART 140	Beginning Ceramics				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 36 lecture hours, 72 lab hours. CSU UC											
30486	Hillman, M.	MW	02:40 PM-05:50 PM	AC 117	02/18-06/13						
30771	Hillman, M.	MW	06:00 PM-09:10 PM	AC 117	02/18-06/13						
30487	Hillman, M.	TR	11:30 AM-02:40 PM	AC 117	02/18-06/13						
ART 141	Intermediate Ceramics				3 Units						
Prerequisite: ART 140. This course further develops basic pottery skills by introducing new forms on the potter's wheel and additional decorating techniques. This course may be taken four times. 36 lecture hours, 72 lab hours. CSU UC											
30772	Hillman, M.	MW	06:00 PM-09:10 PM	AC 118	02/18-06/13						
30779	Hillman, M.	TR	08:10 AM-11:20 AM	AC 118	02/18-06/13						
ART 145	Ceramic Design and Decoration				3 Units						
Prerequisite: Completion of ART 141 with min. grade of C. This course involves handbuilt 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 two times. 36 lecture hours, 72 lab hours. CSU UC											
30773	Hillman, M.	MW	06:00 PM-09:10 PM	AC 118	02/18-06/13						
30780	Hillman, M.	TR	08:10 AM-11:20 AM	AC 118	02/18-06/13						
ART 149	Studio Problems in Ceramics				1 Units						
Prerequisite: Completion of ART 141 with min. grade of C. Independent study involving intermediate or advanced projects in studio ceramics. Materials used include clay, engobe, stain and glaze. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC											
30774	Hillman, M.	MW	06:00 PM-07:05 PM	AC 117	02/18-06/13						
30781	Hillman, M.	TR	08:10 AM-09:15 AM	AC 117	02/18-06/13						
ART 150	Computer Art Basics				3 Units						
This introductory computer art course is designed for people interested in learning the basics of computer art. Adobe Illustrator and PhotoShop are utilized to create computer graphics and Microsoft Word is used for word processing. PC computers with the Windows operating system, printers, scanners, and digital cameras are also explored in this course. Course may be taken three times. 36 lecture hours, 72 lab hours. CSU											
30489	Jackson, M.	MW	11:30 AM-02:40 PM	AC 101	02/18-06/13						
30490	Jackson, M.	TR	11:30 AM-02:40 PM	AC 101	02/18-06/13						
ART 153	Digital Media Productions				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. 36 lecture hours, 72 lab hours. CSU											
30790	Jackson, M.	TR	08:10 AM-11:20 AM	AC 101	02/18-06/13						
ART 158	Commercial Graphic Design				3 Units						
Strongly recommended: ART 111, 120 and ART 150. Students will examine graphic design in advertising, corporate identity, video, billboards and print media. Utilizing Illustrator, PhotoShop and Quark software, students will apply principles of color theory, layout and typography to their design concepts preparing them for print. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU UC											
30533	Rachford, M.	MW	02:45 PM-05:55 PM	AC 101	02/18-06/13						
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											
30793	Jackson, M.	MW	08:10 AM-11:20 AM	AC 101	02/18-06/13						

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ART 163 Computer Graphics II 3 Units

Prerequisite: ART 162.
This course advances the experiences in ART 162, through additional projects in graphic design, layout, and presentation. Adobe Illustrator, Photoshop, and QuarkXpress computer software is used in combination with digital imaging hardware to create visual communication projects relating to business, education, and public services. Work produced is to be of portfolio quality. This course may be taken two times. 36 lecture hours, 72 lab hours. CSU

30794	Jackson, M.	MW	08:10 AM-11:20 AM	AC 101	02/18-06/13
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ART 167 World Wide Web Design I 3 Units

An overview of World Wide Web design and publishing. This course will use various developmental tools in the design of pages to be used on the Internet for commercial or personal use. This course may be taken two times. 36 lecture hours, 72 lab hours. CSU

30796	Nguyen, T.	MW	06:00 PM-09:10 PM	AC 101	02/18-06/13
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ART 189 Art Portfolio and Resume Production 3 Units

Prerequisite: ART 162 and ART 153.
An advanced course to prepare a body of portfolio quality student art/design work for the purpose of a job interview or advanced university placement. The final presentation will be based on the students' area of expertise and may include advanced levels of traditional and computer (CGI) art and graphics. 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.

30791	Jackson, M.	TR	08:10 AM-11:20 AM	AC 101	02/18-06/13
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ART 199 Motion Picture Appreciation 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30534	Villeneuve, T.	TR	01:05 PM-02:30 PM	LH 102	02/18-06/13
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30535	Villeneuve, T.	HRS-ARRG			02/18-06/13
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DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de.

ART 206 History of Latin American Art 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
Survey of the art of Mexico and Central and South America from the Spanish colonial period forward to the present. 54 lecture hours. CSU UC

30461	Holmes, A.	TR	11:30 AM-12:55 PM	AC 103	02/18-06/13
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ART 230 Advanced Painting 3 Units

Prerequisites: ART 130 and 131.
Personalized exploration of expressive painting concepts and techniques in oil and acrylic paint. Includes critical examination of paintings for technical and aesthetic concerns, content, and historical/cultural influences. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU UC

30777	Duffy, D.	MW	06:00 PM-09:10 PM	AC 112	02/18-06/13
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30524	Duffy, D.	TR	11:30 AM-02:40 PM	AC 112	02/18-06/13
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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 two times. 36 lecture hours, 72 lab hours. CSU UC

30775	Hillman, M.	MW	06:00 PM-09:10 PM	AC 118	02/18-06/13
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30782	Hillman, M.	TR	08:10 AM-11:20 AM	AC 118	02/18-06/13
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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. 36 lecture hours, 72 lab hours. CSU UC

30776	Hillman, M.	MW	06:00 PM-09:10 PM	AC 118	02/18-06/13
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30784	Hillman, M.	TR	08:10 AM-11:20 AM	AC 118	02/18-06/13
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ART 253 Digital Media Production II 3 Units

Prerequisite: ART 153.
Introduction, creative application, and interaction of video and sound editing, 2D and 3D animation technology, printed materials and Web page design, as associated with multimedia/entertainment/advertising, will be explored to produce a multimedia presentation. 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. 36 lecture hours, 72 lab hours. CSU

30792	Jackson, M.	TR	08:10 AM-11:20 AM	AC 101	02/18-06/13
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ART 267 World Wide Web Design II 3 Units

Prerequisite: ART 167.
Advanced application and integration of WEB language and software on specific projects. Students to work on creative, applicable utilization of various programs including, but not limited to HTML, JAVA software, Macromedia Dreamweaver, Fireworks and Flash along with Adobe PhotoShop. Emphasis will be placed on design, animation, quality, and application employment-related situations. This course may be taken two times. 36 lecture hours, 72 lab hours. CSU

30797	Nguyen, T.	MW	06:00 PM-09:10 PM	AC 101	02/18-06/13
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Automotive Technology

AUTO 100 Automotive Technology and Maintenance for the Consumer 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30056	Lancaster, J.	HRS-ARRG			02/18-06/13
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DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de
Lab will meet in TA402 on 3 Saturdays: March 21, May 2, and June 6

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

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30074	Clark, J.	MTWR	08:00 AM-11:50 AM	TA 404	02/18-04/11
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30082	Gonzalez, J.	MTWR	01:00 PM-04:50 PM	TA 416	04/20-06/13
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31351	Mallory, R.	MW	06:00 PM-09:50 PM	TA 402	02/18-06/13
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AUTO 144 Chassis Systems 5 Units

Prerequisite: AUTO 101.
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 or higher.
Generally intended for those students majoring in automotive technology and currently employed with an automotive service/repair establishment, this course includes limited laboratory time. The greatest benefit will be realized for those students with the ability to take the course content and apply it to their place of employment. The course covers essential chassis theory; inspection, diagnosis, service and repair of the following undercar systems: brake, steering, suspension, alignment, wheels and tires. Ride control and ABS are introduced. The course prepares students for ASE Suspension and Steering (A4) and ASE Brakes (A5) certification. 72 lecture hours, 54 lab hours.

31354	Evans, J.	TR	06:20 PM-09:55 PM	TA 402	02/18-06/13
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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AUTO 146 Automotive Electrical Systems 4 Units

Prerequisite: AUTO 101
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher, and ENGL 100 or higher.
 Generally intended for those students majoring in automotive technology and currently employed with an automotive service/repair establishment, this course includes limited laboratory time. The greatest benefit will be realized for those students with the ability to take the course content and apply it in their place of employment. This course covers essential electrical and electronic systems theory, along with inspection, diagnosis, service and repair of specific electrical systems including the battery, starting systems, charging systems, lighting systems, gauges, instrument-panel warning lights and power accessories. This course prepares students for ASE Electrical and Electronic Systems (A6) certification. 54 lecture hours, 54 lab hours.

31355 Gonzalez, J. MW 06:30 PM-09:40 PM TA 416 02/18-06/13

AUTO 151 Engine Service, Diagnosis and Repair 5 Units

Prerequisite: AUTO 101.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 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 theory, inspection, diagnosis, service and repair. Engine disassembly, inspection, measurements and assembly are covered, with emphasis on in-vehicle repairs. The course prepares students for ASE Engine Repair (A1) certification exam. 54 lecture hours, 108 lab hours and 27 lab hours arranged.

31352 Korn, D. MTWR 08:00 AM-12:50 PM TA 416 04/20-06/13
 + 27 TOTAL HRS ARR

30085 Korn, D. TWRF 08:00 AM-12:50 PM TA 416 02/18-04/11
 + 27 TOTAL HRS ARR

AUTO 154 Chassis Service, Diagnosis, and Repair 8 Units

Prerequisite: AUTO 101.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 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, 108 lab hours and 27 lab hours arranged.

30114 Bender, T. MTWR 08:00 AM-02:30 PM TA 412 02/18-04/11
 + 27 TOTAL HRS ARR

AUTO 162 Drivetrain Service, Diagnosis and Repair 8 Units

Prerequisite: AUTO 101.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, AUTO 154, MATH 129 or higher and ENGL 100 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, 108 lab hours and 27 hours arranged.

30116 Clark, J. TWRF 08:00 AM-02:30 PM TA 404 04/20-06/13
 + 27 TOTAL HRS ARR

AUTO 166 Automotive Electrical & Electronic Systems II 3 Units

Prerequisite: AUTO 156.
 Strongly recommended: READ 099 is required by reading placement exam or if required by reading level. Also, MATH 129 or higher and ENGL 100 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 advanced electrical and electronic systems theory, along with inspection, diagnosis, service and repair of specific accessory systems including supplemental restraint, navigation, entertainment, power windows/locks/seats, customizable body electronics, hybrid vehicle controls and multiplex systems. This course prepares students for ASE Electrical and Electronic Systems (A6) certification. 36 lecture hours, 54 lab hours.

31357 Brown, D. TWR 01:45 PM-05:15 PM TA 404 02/18-04/11

AUTO 168 Engine Control Systems Service, Diagnosis and Repair 8 Units

Prerequisite: AUTO 101.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, AUTO 151 and MATH 129 or higher and ENGL 100 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, 108 lab hours, 27 hours arranged.

30123 Brown, D. TWRF 08:00 AM-02:30 PM TA 412 04/20-06/13
 + 27 TOTAL HRS ARR

AUTO 281 Advanced Toyota Certified Technician Training 7 Units

Strongly recommended: Successful completion of evening One Year Certificate or equivalent experience in the automotive field.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. An advanced-level course specifically designed to meet the Toyota Certified Technician Program requirements for certification in the following University of Toyota technical training courses: 021, 262, 301, 452, 552, 622, 652, 750, and 852. Only students having completed the one-year evening certificate program or equivalent experience in the automotive field are advised to attend. 126 lecture hours.

30131 Vinci, D. TR 06:15 PM-09:50 PM TA 416 02/18-06/13

Biology

BIOL 104 Biology: Contemporary Topics 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30083 Lee, M. MW 09:55 AM-11:20 AM PS 106 02/18-06/13

30094 Fowler, J. MW 01:05 PM-02:30 PM LH 103 02/18-06/13

30143 Tsark, E. F 08:10 AM-11:20 AM LH 101 02/18-06/13

30146 Hester, D. HRS-ARRG 02/18-06/13
 DISTANCE EDUCATION After registering go to www.citruscollege.edu/de

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
BIOL 105 General Biology 4 Units Strongly recommended: MATH 130, high school biology, or chemistry. Also, READ 099 if required by reading placement exam or if required by reading level. 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, 72 lab hours.* CSU UC						30241 Mondrala, S. R 02:50 PM-06:00 PM LS 118 02/18-06/13 + 18 TOTAL HRS ARR Lab section only. Lecture section also required.					
30149	Johansen, G.	MW	08:20 AM-09:45 AM	LH 101	02/18-06/13	30240	Han, J.	R	02:50 PM-06:00 PM	LS 117	02/18-06/13
30150	Kondo, A.	MW	09:55 AM-11:20 AM	LH 101	02/18-06/13	+ 18 TOTAL HRS ARR Lab section only. Lecture section also required.					
30152	Mondrala, S.	MW	11:30 AM-12:55 PM	LH 101	02/18-06/13	30261	Oropeza, R.	R	07:00 PM-10:10 PM	LS 118	02/18-06/13
30153	Mondrala, S.	MW	01:05 PM-02:30 PM	LH 101	02/18-06/13	+ 18 TOTAL HRS ARR Lab section only. Lecture section also required.					
30157	Mondrala, S.	TR	08:20 AM-09:45 AM	LH 101	02/18-06/13	30164	Mondrala, S.	HRS-ARRG			02/18-06/13
30158	Mondrala, S.	TR	09:55 AM-11:20 AM	LH 101	02/18-06/13	DISTANCE EDUCATION After registering go to www.citruscollege.edu/de Lecture section only. DE lab section CRN 30247 also required.					
30159	Han, J.	TR	11:30 AM-12:55 PM	LH 101	02/18-06/13	BIOL 109 Biology for Educators 4 Units Prerequisite: CHEM 106 or PHYS 106 and MATH 150. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course provides each prospective multiple-subject teacher with an introductory survey of the fundamental concepts of biology and the interrelationships among living organisms. Emphasis is placed upon the chemical basis of life, the role of cells in the formation of complex organisms, the relationship between structure and function in complex organisms like plants and animals, the role that genetics plays in the evolution of life, and the relationship between living organisms and the physical world around them. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. 54 lecture hours, 54 lab hours. CSU					
30160	Han, J.	TR	01:05 PM-02:30 PM	LH 101	02/18-06/13	30265	Han, J.	MW	09:55 AM-11:20 AM	PS 211	02/18-06/13
30161	Hollenshead, M.	TR	05:25 PM-06:50 PM	LH 101	02/18-06/13	BIOL 124 Principles of Biology 5 Units Prerequisite: MATH 150. A principles of biology course designed for biology majors and pre-med. students. Detailed study of basic structure and function of living material, with emphasis on cell and molecular biology, genetic mechanisms and their control, reproduction and development, evolution. 72 lecture hours, 72 lab hours. CSU UC					
30168	Hollenshead, M.	T	08:10 AM-11:20 AM	LS 117	02/18-06/13	30266	Hester, D.	MW	09:15 AM-11:20 AM	PS 113	02/18-06/13
30169	Tsark, E.	T	08:10 AM-11:20 AM	LS 118	02/18-06/13	Lecture section only. Lab section also required.					
30170	Hester, D.	T	11:30 AM-02:40 PM	LS 117	02/18-06/13	30269	Han, J.	M	11:30 AM-02:40 PM	LS 118	02/18-06/13
30171	Tsark, E.	T	11:30 AM-02:40 PM	LS 118	02/18-06/13	+ 18 TOTAL HRS ARR Lab section only. Lecture section also required.					
30173	Mondrala, S.	T	02:50 PM-06:00 PM	LS 117	02/18-06/13	30267	Hester, D.	M	11:30 AM-02:40 PM	LS 117	02/18-06/13
30174	Fowler, J.	T	02:50 PM-06:00 PM	LS 118	02/18-06/13	+ 18 TOTAL HRS ARR Lab section only. Lecture section also required.					
30247	Purves, D.	T	06:05 PM-10:20 PM	LS 118	02/18-06/13	DISTANCE EDUCATION After registering go to www.citruscollege.edu/de Lab section only. DE lecture section CRN 30164 also required.					
30181	Fowler, J.	T	07:00 PM-10:10 PM	LS 117	02/18-06/13	BIOL 145 Environmental Science 3 Units Strongly recommended: BIOL 104 or 105. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. 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					
30187	Purves, D.	W	08:10 AM-11:20 AM	LS 118	02/18-06/13	30275	Goodman, R.	MW	09:55 AM-11:20 AM	LH 103	02/18-06/13
30189	Goodman, R.	W	11:30 AM-02:40 PM	LS 117	02/18-06/13	30272 Goodman, R. HRS-ARRG 02/18-06/13 DISTANCE EDUCATION After registering go to www.citruscollege.edu/de					
30191	Lee, M.	W	11:30 AM-02:40 PM	LS 118	02/18-06/13	BIOL 200 Human Anatomy 4 Units Prerequisite: BIOL 105. Biology 200 is a lecture/laboratory course in human anatomy focusing on the structures and organs of the human body. Students will be required to learn and understand the structures from the molecular to gross levels, using the microscope, standard anatomical (plastic) models, and preserved specimens (sheep heart, sheep brain, and cat). Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU UC					
30229	Lee, M.	W	02:50 PM-06:00 PM	LS 118	02/18-06/13	30030	Kondo, A.	MW	01:05 PM-02:30 PM	LH 102	02/18-06/13
30162	Hester, D.	W	07:00 PM-10:10 PM	LH 103	02/18-06/13	Lecture section only. Lab section also required.					
30231	Oropeza, R.	W	07:00 PM-10:10 PM	LS 118	02/18-06/13	30031	Goodman, R.	T	11:30 AM-02:40 PM	LS 115	02/18-06/13
30230	Kondo, A.	W	07:00 PM-10:10 PM	LS 117	02/18-06/13	Lab section only. Lecture section also required.					
30233	Burkemper, B.	R	08:10 AM-11:20 AM	LS 118	02/18-06/13	30035	Pires, M.	W	08:10 AM-11:20 AM	LS 115	02/18-06/13
30232	McCabe, D.	R	08:10 AM-11:20 AM	LS 117	02/18-06/13	Lab section only. Lecture section also required.					
30237	Hester, D.	R	11:30 AM-02:40 PM	LS 118	02/18-06/13	30047	Kondo, A.	W	03:40 PM-06:50 PM	LS 115	02/18-06/13
30234	Goodman, R.	R	11:30 AM-02:40 PM	LS 117	02/18-06/13	Lab section only. Lecture section also required.					
+ 18 TOTAL HRS ARR Lab section only. Lecture section also required.						30057	Mondrala, S.	R	11:30 AM-02:40 PM	LS 115	02/18-06/13
+ 18 TOTAL HRS ARR Lab section only. Lecture section also required.						Lab section only. Lecture section also required.					

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
BIOL 201 Physiology 4 Units						30070	Ghidella, R.	W	06:00 PM-09:10 PM	LB 207	02/18-06/13
Prerequisite: BIOL 200 and CHEM 103. 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						30071	Ghidella, R.		HRS-ARRG		02/18-06/13
						DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
30302	Kondo, A.	TR	11:30 AM-12:55 PM	LH 102	02/18-06/13	BUS 152 Business Communications 3 Units					
Lecture section only. Lab section also required.						Strongly recommended: BUS 150. Also, READ 099 if required by reading placement exam or if required by reading level.					
30303	Kondo, A.	T	08:10 AM-11:20 AM	LS 116	02/18-06/13	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					
Lab section only. Lecture section also required.						30073	Grossman, B.		HRS-ARRG		02/18-06/13
30304	Kondo, A.	T	01:05 PM-04:15 PM	LS 116	02/18-06/13	DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Lab section only. Lecture section also required.						BUS 160 Business Law and the Legal Environment I 3 Units					
30306	Kondo, A.	R	08:10 AM-11:20 AM	LS 116	02/18-06/13	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					
Lab section only. Lecture section also required.						30075	Grossman, B.	MW	08:20 AM-09:45 AM	LB 202	02/18-06/13
30315	Kondo, A.	R	01:05 PM-04:15 PM	LS 116	02/18-06/13	30076	Grossman, B.	MW	11:30 AM-12:55 PM	LB 202	02/18-06/13
Lab section only. Lecture section also required.						30080	Grossman, B.	TR	09:55 AM-11:20 AM	LB 202	02/18-06/13
BIOL 220 Microbiology 0 Units						30087	Grossman, B.	W	06:00 PM-09:10 PM	LB 202	02/18-06/13
Prerequisite: CHEM 103 or 110 and BIOL 104 or 105. 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 hours lecture, 108 hours lab. CSU UC						30090	Durfield, T.		HRS-ARRG		02/18-06/13
30284	Johansen, G.	MW	11:30 AM-02:40 PM	LS 119	02/18-06/13	DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Lab section only. Lecture section also required.						30092	Durfield, T.		HRS-ARRG		04/20-06/13
30277	Johansen, G.	MW	03:50 PM-05:15 PM	LH 102	02/18-06/13	DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Lecture section only. Lab section also required.						BUS 161 Business Law and the Legal Environment II 3 Units					
30286	Han, J.	MW	05:25 PM-08:35 PM	LS 119	02/18-06/13	A study of law, with an emphasis on the law's relationship to business. Topics covered include agency, employment law, consumer law, environmental law, sole proprietorships, franchises, partnerships, corporations, insurance, real and personal property, landlord-tenant law, wills and trusts, elder law, creditors' rights and remedies, secured transactions, bankruptcy law, negotiable instruments, antitrust law, professional liability, and international law. 54 lecture hours. CSU UC					
Lab section only. Lecture section also required.						30095	Grossman, B.	M	06:00 PM-09:10 PM	LB 202	02/18-06/13
30287	Johansen, G.	TR	11:30 AM-02:40 PM	LS 119	02/18-06/13	BUS 170 Small Business Management 3 Units					
Lab section only. Lecture section also required.						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					
30281	Johansen, G.	TR	03:50 PM-05:15 PM	LH 102	02/18-06/13	30096	Richard, L.	TR	09:55 AM-11:20 AM	LB 207	02/18-06/13
Lecture section only. Lab section also required.						BUS 172 Personnel Management 3 Units					
30290	Johansen, G.	TR	05:25 PM-08:35 PM	LS 119	02/18-06/13	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					
Lab section only. Lecture section also required.						30097	Durfield, T.		HRS-ARRG		02/18-06/13
						DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Business											
BUS 130 Introduction to Business 3 Units						BUS 175 Introduction to Management 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						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					
30045	Richard, L.	MW	08:20 AM-09:45 AM	LB 207	02/18-06/13	30098	Richard, L.		HRS-ARRG		02/18-06/13
30046	Ghidella, R.	MW	11:30 AM-12:55 PM	LB 207	02/18-06/13	DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
30049	Durfield, T.	MW	01:05 PM-02:30 PM	LB 207	02/18-06/13	BUS 185 Elements of Marketing 3 Units					
30053	Richard, L.	TR	08:20 AM-09:45 AM	LB 207	02/18-06/13	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					
30054	Richard, L.	TR	11:30 AM-12:55 PM	LB 207	02/18-06/13	30100	Richard, L.		HRS-ARRG		02/18-06/13
30058	Durfield, T.	T	06:00 PM-09:10 PM	LB 207	02/18-06/13	DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
30062	Durfield, T.	R	06:00 PM-09:10 PM	LB 207	02/18-06/13	Chemistry					
30064	Richard, L.		HRS-ARRG		04/20-06/13						
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											
30063	Lindsey, S.		HRS-ARRG		02/18-06/13						
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											
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											
30066	Durfield, T.	MW	09:55 AM-11:20 AM	LB 207	02/18-06/13						
BUS 146 Personal Finance 3 Units											
This course introduces basic concepts of personal finance. Topics include managing personal assets, investing in various financial instruments, analyzing various aspects of insurance, planning for retirement, and budgeting household expenditures. Credit card debt, home financing, and buying/leasing vehicles will be discussed along with personal income tax issues. This course may be taken three times. 54 lecture hours. CSU											
30069	Ghidella, R.	TR	11:30 AM-12:55 PM	LB 202	02/18-06/13						

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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CHEM 103 College Chemistry 5 Units

Prerequisite: Completion of MATH 130 with min. grade of C.
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

30319	Farnum, M. + 18 TOTAL HRS ARRG	MW	11:30 AM-01:35 PM	PS 211	02/18-06/13
30325	Kupez, K. + 18 TOTAL HRS ARRG	W	04:30 PM-08:45 PM	PS 222	02/18-06/13
30331	Farahani, B. + 18 TOTAL HRS ARRG	R	01:30 PM-05:45 PM	PS 106	02/18-06/13

CHEM 104 College Chemistry 5 Units

Prerequisite: CHEM 103 or 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

30333	Farahani, B.	M	04:30 PM-07:30 PM	PS 211	02/18-06/13
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CHEM 106 Chemistry and Physics for Educators 4 Units

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

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of chemistry and physics and the interrelationships among these disciplines. Emphasis is placed on the ways in which chemistry and physics affect everyday life and the role of these disciplines in addressing issues and problems related to energy and the environment. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. This is the same as PHYS 106. 54 lecture hours, 54 lab hours.

30372	Ramos, G.	MW	09:55 AM-11:20 AM	PS 107	02/18-06/13
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CHEM 110 Beginning General Chemistry 0 Units

Prerequisite: Completion of MATH 150 with min. grade of C or concurrent enrollment.
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30376	Farnum, M. + 18 TOTAL HRS ARRG	MW	08:00 AM-11:10 AM	PS 222	02/18-06/13
30373	Miles, T. Lecture section only. Lab section also required.	MW	11:30 AM-12:55 PM	PS 113	02/18-06/13
30377	Farahani, B. + 18 TOTAL HRS ARRG	MW	01:10 PM-04:20 PM	PS 222	02/18-06/13
30378	Sharma, P. + 18 TOTAL HRS ARRG	TR	08:00 AM-11:10 AM	PS 222	02/18-06/13
30374	Farahani, B. Lecture section only. Lab section also required.	TR	11:30 AM-12:55 PM	PS 113	02/18-06/13
30379	Smyth, N. + 18 TOTAL HRS ARRG	TR	01:10 PM-04:20 PM	PS 222	02/18-06/13
30375	Montgomery, R. Lecture section only. Lab section also required.	TR	04:50 PM-06:15 PM	PS 113	02/18-06/13
30380	Montgomery, R. + 18 TOTAL HRS ARRG	TR	06:25 PM-09:35 PM	PS 222	02/18-06/13

CHEM 111 General Chemistry 0 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 stoichiometry, gas laws, nomenclature, crystal structures, periodicity, redox 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

30382	Dingwall, S. + 18 TOTAL HRS ARRG	TR	08:00 AM-11:10 AM	PS 211	02/18-06/13
30381	Entus, R. Lecture section only. Lab section also required.	TR	11:30 AM-12:55 PM	PS 107	02/18-06/13
30383	Entus, R. + 18 TOTAL HRS ARRG	TR	01:30 PM-04:40 PM	PS 211	02/18-06/13

CHEM 112 General Chemistry 0 Units

Prerequisite: CHEM 111.
Chemistry 112 is a continuation of Chemistry 111 and includes topics of equilibrium, kinetics, electrochemistry, nuclear chemistry, and thermodynamics. 54 lecture hours, 126 lab hours.* CSU UC

30385	Miles, T. + 18 TOTAL HRS ARRG	TR	08:00 AM-11:10 AM	PS 203	02/18-06/13
30384	Miles, T. Lecture section only. Lab section also required.	TR	11:30 AM-12:55 PM	PS 222	02/18-06/13

CHEM 220 Organic Chemistry 3 Units

Prerequisite: CHEM 210.
A course in organic chemistry including the properties and reactions of aromatic compounds, aldehydes, ketones, carboxylic acid derivatives, enols, enolates, amines, and selected topics in biochemistry, NMR, and mass spectrometry. Second semester course required for students in pre-professional programs in medicine, dentistry, pharmacy, veterinary science, biology, and chemistry. CHEM 221L is required concurrently for most of the stated majors. 54 lecture hours. CSU UC

30386	Farahani, B.	MW	07:40 AM-09:05 AM	PS 203	02/18-06/13
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CHEM 221L Organic Chemistry Lab 1 Units

Corequisite: Concurrent enrollment required in CHEM 220.
Synthesis of selected organic compounds, including multi-step processes, techniques of column chromatography, IR spectroscopy. 54 lab hours. CSU UC

30387	Farahani, B.	F	08:10 AM-11:20 AM	PS 203	02/18-06/13
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Child Development

CHLD 100 Introduction to Education and Teaching 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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 will be required to observe 45 hours in K-12 classrooms. 54 lecture hours. CSU

30981	Perry, C.	MW	09:55 AM-11:20 AM	LB 107	02/18-06/13
30982	Perry, C.	TR	08:20 AM-09:45 AM	LB 303	02/18-06/13

CHLD 110 Early Childhood Development 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
Students will critically examine theories of child development in the physical, intellectual and social-emotional areas as they pertain to the various ages and stages in a child's life from prenatal development through early childhood. Practices in teaching that derive from theories and diverse cultural environments will be analyzed and evaluated in light of an understanding of the "whole child" at different developmental stages. Students will learn to observe and assess children's development and gain insight and appreciation of cultural differences through directed observations. 54 lecture hours. CSU

30983	Hahn, S.	MW	01:05 PM-02:30 PM	LB 107	02/18-06/13
30984	Hahn, S.	TR	11:30 AM-12:55 PM	LB 107	02/18-06/13

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
CHLD 111	Child Development Youth - Adolescence				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course examines the history and philosophy of child development from middle childhood through adolescences (8-18 years). This includes a survey of parenting and educational practices as well as examining the responsibilities of teaching and caring for this age group. 54 lecture hours.											
CSU UC											
30987	Perry, C.	TR	11:30 AM-12:55 PM	LB 303	02/18-06/13						
CHLD 112	Principles of Early Childhood Education I				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course is designed to introduce students to philosophies of early childhood education and to their actualization in design of environment and program. Observation and analysis of the elements that make up a developmentally appropriate program for young children will be required. The student will learn how to assess and meet individual children's developmental needs, create an environment that supports the diversity of cultures, and communicate with parents/caregivers in ways that facilitate partnership in their child's education. 54 lecture hours.											
30989	Gregg, J.	MW	11:30 AM-12:55 PM	LB 310	02/18-06/13						
30988	Nuttall, A.	T	07:00 PM-10:10 PM	LB 107	02/18-06/13						
CHLD 114	Home-Child-Community Relations				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A study of home, child, school and community relationships as they pertain to the historical and contemporary perspectives on the education and socialization of children. Includes an examination of community resources and the influences of age, gender, diverse abilities, culture, socioeconomic status and public policy factors that affect children and families. 54 lecture hours.											
CSU											
30991	Gregg, J.	TR	09:55 AM-11:20 AM	LB 107	02/18-06/13						
CHLD 116	Introduction to Curriculum				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course will present an overview of knowledge and skills related to providing developmentally appropriate curriculum and environments for young children from birth through age six. Examination of the teacher's role in supporting learning and developing in young children with an emphasis on the essential role of play. Students will study the overview of content areas including language and literacy, social and emotional learning, sensory learning, creative arts, math and science. 54 lecture hours. CSU											
30986	Hahn, S.	MW	11:30 AM-12:55 PM	LB 107	02/18-06/13						
CHLD 120	Literacy for Children				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Students will explore techniques for developing literacy skills in the preschool and early school-age child. Discussion and planning of developmentally appropriate curriculum that supports children's listening, speaking, reading and writing skills. Students will survey children's books and learn techniques to enhance literacy development. A complete language arts program that includes storytelling, puppetry and other relevant literacy experiences will be explored. 54 lecture hours.											
30997	Hahn, S.	MW	08:20 AM-09:45 AM	LB 107	02/18-06/13						
30999	Baxter, S.	W	07:00 PM-10:10 PM	LB 107	02/18-06/13						
CHLD 121	Art for Children				2 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Designed to provide the student with opportunities to experience personally and evaluate art and crafts materials used with the preschool and early school-age child to discover the development of creativity in themselves and 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 within diverse cultures and society at large. 36 lecture hours.											
31348	Coleman, C.	M	06:05 PM-08:10 PM	LB 107	02/18-06/13						
CHLD 122	Music and Rhythms for Children				2 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course will provide the student with basic skills and techniques for using musical instruments, recordings and songs and development of rhythmic movement activities to use with preschool and early school-age children. Discussion and planning of developmentally appropriate curriculum that supports children's music and movement needs. Previous music experience not required. 36 lecture hours.											
31001	Doolittle, J.	F	09:15 AM-11:20 AM	LB 107	02/18-06/13						
CHLD 124	Mathematics for Children				1 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. The student will gain knowledge of practical mathematics activities to use with preschool and early-school age children. Planning of developmentally appropriate math curriculum activities. Analysis of relevant theories of child development. Designed to provide the student with opportunities to experience directly and evaluate mathematical materials. 18 lecture hours.											
31003	Doolittle, J.	F	08:00 AM-09:05 AM	LB 107	02/18-06/13						
CHLD 134	Parent-Child Interaction				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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											
31005	Hahn, S.	TR	08:20 AM-09:45 AM	LB 107	02/18-06/13						
CHLD 144	Health, Safety and Nutrition for Young Children				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course provides an overview of health, safety and nutrition issues, policies, and procedures and focuses on the development of health, safety and nutrition curricular materials. 54 lecture hours. CSU											
31007	Ysais, M.	TR	01:05 PM-02:30 PM	LB 107	02/18-06/13						
CHLD 156	Practicum A in Early Childhood Education				2 Units						
Prerequisite: CHLD 110 or PSY 206 and CHLD 112, 114, 154, and 9 units from the following: CHLD 120, 121, 122, 123, 124, 134, 142, 144, 150, 160, 164. This course is designed to provide the student with opportunities to identify, develop, and implement appropriate activities which support the total growth of the whole child. Emphasis is placed on teacher planning and implementation of curriculum, environment design, documentation of children's learning, and parent involvement. Advocacy for children and families in social policy and critical evaluation of early childhood programs/philosophies will be examined. 18 lecture hours, 54 hours field work.											
31008	Ysais, M.	W	11:30 AM-01:35 PM	MA 225	02/18-06/13						
CHLD 156L	Practicum A Lab				1 Units						
Corequisite: Concurrent enrollment in CHLD 156. The student will have the opportunity for application of acquired knowledge and teaching skills directly in the early childhood classroom. The students will gain experience teaching activities to children and developing a professional attitude. 54 lab hours.											
31009	Ysais, M.		HRS-ARRG		02/18-06/13						
+ 54 TOTAL HRS ARRG											
CHLD 164	The Child with Special Needs				3 Units						
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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											
31010	Ezaki, K.	R	07:00 PM-10:10 PM	LB 107	02/18-06/13						

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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CHLD 166 Speech and Language Development and Disorders 2 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. CSU

31011	Nuttall, A.	M	03:50 PM-05:55 PM	LB 107	02/18-06/13
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CHLD 168 Development Risk: Infants and Toddlers 2 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

31349	Simpson, L.	W	03:50 PM-05:55 PM	LB 107	02/18-06/13
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CHLD 169 Managing Disruptive Behavior 1 Units

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

This course provides an overview of challenging and disruptive behaviors in preschoolers. Topics of study include attention deficit disorder, aggression, and other related topics. Students will analyze behavioral issues and explore strategies for classroom management. Students will develop guidance techniques for modifying inappropriate behaviors. 18 lecture hours.

31012	Doolittle, J.	F	11:30 AM-12:35 PM	LB 107	02/18-06/13
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CHLD 183 Infant and Toddler Caregiver: Learning and Development 1 Units

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

This is one of four one-unit classes in Infant and Toddler Caregiving based on the Responsive Caregiving approach. Students in this class will learn to recognize cues and to follow the child's interest in order to facilitate the infant's discoveries and learning. Students will learn to base the curriculum on the child's interest and readiness. This class partially meets the licensing requirement for 3 units in infant and toddler care and development. 18 lecture hours.

31013	Simpson, L.	M	06:05 PM-08:10 PM	LB 308	02/18-04/11
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CHLD 184 Infant and Toddler Caregiver: Environments and Routines 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

31014	Simpson, L.	M	06:05 PM-08:10 PM	LB 308	04/20-06/13
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CHLD 191 Administration of Early Childhood Education Programs II 3 Units

Prerequisite: Eighteen units of early childhood education, CHLD 190. Recommended: One year teaching experience.

Introduction to the policies and procedures specific to state funded programs. Includes Title V regulations, evaluation of programs utilizing the state mandated Program Quality Review, development of proposals and grant requests for state or other funding, process of promulgating regulations, affecting proposed regulations, staff development and training, development of program policies. 54 lecture hours.

31015	Campbell, F.	W	07:00 PM-10:10 PM	LB 103	02/18-06/13
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Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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 for all communications and journalism majors; also a general interest course. 54 lecture hours. CSU UC

30558	Villeneuve, T.	MW	09:55 AM-11:20 AM	TC 127	02/18-06/13
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30556	O'Neil, M.	TR	08:20 AM-09:45 AM	TC 127	02/18-06/13
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30553	Villeneuve, T.		HRS-ARRG		02/18-06/13
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COMM 101 Reporting and Writing News 3 Units

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

Adherence to professional writing style and successful interviewing techniques as well as the legal and ethical aspects of the profession are covered among a wide range of writing experiences. Required of all communications majors. 54 lecture hours, 18 lab hours. CSU

30559	O'Neil, M.	TR	09:55 AM-11:20 AM	LI 120	02/18-06/13
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+18 TOTAL HRS ARRG

COMM 103 Freelance Journalism 1 Units

Strongly recommended: COMM 101.

This course is designed for students who wish to contribute to the campus newspaper and magazine but are unable to enroll in the regular staff class. Students who are interested in advertising, writing, photography, illustration, cartooning, design, or computer graphics, page layout and paste-up may participate to a limited extent through this class. This course may be taken four times. 36 lab hours. CSU

30562	O'Neil, M.		HRS-ARRG	TC 123	02/18-06/13
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54 TOTAL HRS ARRG

COMM 104 Public Relations 3 Units

A survey of public relations history, theories and practices with emphasis on applications to business, public agencies and institutions. A practical approach to using the media, creating publicity releases, organizing and executing campaigns. Explores job opportunities of particular interest to communications majors. 54 lecture hours. CSU

30564	Long, S.	MW	01:05 PM-02:30 PM	LB 309	02/18-06/13
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COMM 136 Cultural History of American Films 3 Units

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

In considering the history of American commercial motion picture culture from its origins to the present, students will study film language, the social composition of audiences, the economics of the film industry, major themes and genres that have appeared in American films, and the relationship between politics and American motion pictures. 54 lecture hours. CSU UC

30566	Villeneuve, T.	TR	11:30 AM-12:55 PM	LB 203	02/18-06/13
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COMM 230 Desktop Publishing 3 Units

Strongly recommended: COMM 101.

Instruction and practice in analysis of story structures and effectiveness of written material, rewriting, correction of errors, proofreading, headline writing, news and picture evaluation, and page design. Provides hands-on experience working with the college newspaper staff. This class may be taken four times. 36 lecture hours, 54 lab hours. CSU

30578	O'Neil, M.	MW	11:00 AM-11:50 AM	TC 123	02/18-06/13
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+54 TOTAL HRS ARRG

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. CSU

30579	O'Neil, M.	MW	10:00 AM-10:50 AM	TC 123	02/18-06/13
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+54 TOTAL HRS ARRG

Communications

COMM 100 Mass Media and Society 3 Units

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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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. CSU CSU

30584	O'Neil, M.	W	12:00 PM-12:50 PM	TC 123	02/18-06/13
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+54 TOTAL HRS ARR

COMM 280 Magazine Production Staff 3 Units

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

30588	Rashidi, W.	R	11:30 AM-01:35 PM	TC 123	02/18-06/13
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+54 TOTAL HRS ARR

Computer Science & Info System

CSIS 105 Introduction to Windows and Personal Computers 2 Units

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

This course covers computer literacy concepts. It provides an introduction to the personal computer and the Windows operating system. The course prepares students to operate a computer using the Windows interface. It is designed for students with no previous computer experience. 36 lecture hours, 18 lab hours. CSU

30117	Solis, R.	MW	08:00 AM-08:50 AM	IS 108	02/18-06/13
+18 TOTAL HRS ARR					
30119	Mustain, J.	MW	10:30 AM-11:20 AM	IS 110	02/18-06/13
+18 TOTAL HRS ARR					
30118	Mustain, J.	TR	10:30 AM-11:20 AM	IS 110	02/18-06/13
+18 TOTAL HRS ARR					

CSIS 107 Fundamentals of Information Technology 4 Units

Strongly recommended: READ 099 required by reading placement exam or if required by reading 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, 18 lab hours. CSU UC

30120	Flores, R.	MW	09:15 AM-11:20 AM	LB 204	02/18-06/13
+18 TOTAL HRS ARR					
30121	Solis, R.	TR	09:15 AM-11:20 AM	IS 108	02/18-06/13
+18 TOTAL HRS ARR					
30122	Flores, R.	R	06:00 PM-08:05 PM	IS 110	04/20-06/13
+18 TOTAL HRS ARR					
DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de					
30124	Flores, R.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					

CSIS 111 Introduction to Programming Concepts and Design 4 Units

Prerequisite: CSIS 107.
Strongly recommended: READ 099 required by reading placement exam or if required by reading level.
Previously: CSIS 110. 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. Students are introduced to Visual Basic.Net and Visual C++.Net to help illustrate programming concepts common to modern high-level programming languages. 72 lecture hours, 18 lab hours. CSU UC

30125	Solis, R.	MW	09:15 AM-11:20 AM	IS 108	02/18-06/13
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+18 TOTAL HRS ARR

CSIS 119 Introduction to Web Programming 3 Units

Recommended: CSIS 107 or equivalent, knowledge of Windows 95 or higher.
This course focuses on developing and publishing web pages and web sites using HTML, Cascading Style Sheets, fundamentals of Dynamic HTML and XML, and file transfer techniques (FTP). 54 lecture hours, 18 lab hours. CSU

30127	Flores, R.	T	06:00 PM-09:10 PM	IS 110	02/18-06/13
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+18 TOTAL HRS ARR

CSIS 130 Microcomputers Applications I 4 Units

Strongly recommended: CSIS 105 or 107. Also READ 099 if required by reading placement exam or if required by reading 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, 18 lab hours. CSU UC

30128	Mustain, J.	MW	11:30 AM-01:35 PM	IS 110	02/18-06/13
+18 TOTAL HRS ARR					
30129	Mustain, J.	TR	11:30 AM-01:35 PM	IS 110	02/18-06/13
+18 TOTAL HRS ARR					
30132	Mustain, J.	W	06:00 PM-10:15 PM	IS 108	02/18-06/13
+18 TOTAL HRS ARR					

30133	Solis, R.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
30136	Solis, R.		HRS-ARRG		04/20-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					

CSIS 150 Web Development with Dreamweaver I 2 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Strongly recommended: CSIS 105 or CSIS 107.
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 object panel, HTML integration, images, and tables. 36 lecture hours, 18 lab hours.

30138	Flores, R.		HRS-ARRG		02/18-04/11
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

CSIS 162 Electronic Spreadsheets Using Microsoft Excel 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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, 18 lab hours.

30141	Flores, R.		HRS-ARRG		02/18-06/13
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

CSIS 225 Object Oriented Programming with C++ 4 Units

Prerequisite: MATH 150 and CSIS 111.
This course is a second semester course in object-oriented programming using the C++ language. Problem analysis and algorithm design will serve as the foundation for the use of functions, control structures, user-defined data types, arrays, searching and sorting algorithms, use of streams and external files, structures, data abstraction, and software development methods. 54 lecture hours, 54 lab hours. CSU UC

30142	Solis, R.		HRS-ARRG		02/18-06/13
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

CSIS 230 Microcomputer Applications II 4 Units

Prerequisite: CSIS 130.
A second course in the use of microcomputers for personal and professional productivity. Covers the advantages of using integrated software over a single application. Practical experience in the integration of Windows programs and the World Wide Web/HTML. 72 lecture hours, 18 lab hours. CSU

30145	Solis, R.		HRS-ARRG		04/20-06/13
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

Cosmetology

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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COS 140 Introduction to Cosmetology 12 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 This course is designed for the beginning cosmetology student. Lectures, demonstrations, and practical experience in the following areas: careers in cosmetology, personal image improvement, sterilization, sanitation, bacteriology, manicuring, pedicuring, artificial nails, trichology, hair and scalp treatments, haircutting, wet hairstyling, thermal hairstyling, permanent waving, chemical hair straightening, hair coloring and bleaching, anatomy, physiology, chemistry, dermatology, facial treatments, make-up, and hair removal. 162 lecture hours, 162 lab hours.

30208	Carver, S.	MTWR	08:00 AM-04:30 PM	TC 208	03/09-05/15
30207	Carver, S.	MTWR	08:00 AM-04:30 PM	TC 208	01/05-03/06
30209	Hernandez, S.	MTWR	05:30 PM-10:00 PM	TC 208	01/05-05/15

COS 165 Esthetician I 10 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 An introductory course of skin care treatments, hair removal, make-up, application, anatomy and physiology. Disease and disorders of the skin, cosmetic chemistry, electrical current and modalities for skin care and disinfecting. There is a materials fee associated with the class. Part one of a two-part course. This course may be taken one time. 90 lecture hours, 270 lab hours.

30334	Mead, R.	MTWRF	07:30 AM-04:00 PM	TA 418	01/05-03/06
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COS 166 Esthetician II 10 Units

Prerequisite: COS 165.
 This course completes the two-part esthetician program. It includes advanced and customized facial treatments, make-up artistry and color coordination and color coordination, and product knowledge. 90 lecture hours, 270 lab hours.

30335	Mead, R.	MTWRF	07:30 AM-04:00 PM	TA 418	03/09-05/15
30336	Mead, R.	MTWRF	05:30 PM-09:30 PM	TA 418	01/05-05/15

Counseling

COUN 143 Career Exploration 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 This course will provide students with career exploration techniques. Emphasis will be placed on selecting a career based on self-examination of interests, personality, skills, and values through assessment inventories, skill exercises, and career research. 18 lecture hours. CSU

31237	Howard, J.	HRS-ARRG			02/18-04/11
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31238	Howard, J.	HRS-ARRG			04/20-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					

COUN 145 Career/Life Planning 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. Maximum credit allowed for Career Education 143, 145, 150, and 155 is three units. 54 lecture hours. CSU

31240	Chau, E.	MW	09:55 AM-11:20 AM	ES 616	02/18-06/13
Learning Communities-CTE Class.					
31239	Iott, B.	MW	09:55 AM-11:20 AM	LB 207	02/18-06/13
31242	McBurney, R.	MW	11:00 AM-12:25 PM	LB 105	02/18-06/13
Learning Communities Class.					
31241	Eng, M.	MW	11:00 AM-12:25 PM		02/18-06/13
31243	Castillo, C.	MW	11:30 AM-12:55 PM	LL 101	02/18-06/13
Learning Communities Class.					
31244	Longyear, A.	TR	11:30 AM-12:55 PM	LB 105	02/18-06/13
Learning Communities Class.					
31245	Villa, E.	TR	01:05 PM-02:30 PM	LB 207	02/18-06/13
Learning Communities Class.					
31247	Meza, R.	HRS-ARRG			04/20-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
LATE START CLASS!					
31246	Herrera, R.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					

COUN 156 College Planning Today for Tomorrow 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A course in helping students transition to college life. Students will receive practical information about college services, effective study habits, and individual educational planning. Emphasis is on college and career decisions as catalysts for growth. 18 lecture hours. CSU

31248	McBurney, R.	MW	01:30 PM-02:25 PM	LB 202	04/20-06/13
Late Start Class.					
31249	Staff	W	03:50 PM-05:55 PM	LB 202	04/20-06/13
Late Start Class.					

COUN 158 Transfer Planning 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A course in helping students transfer successfully to a four-year university. Students will receive information about educational options in California, college majors, transfer assistance, ASSIST (web based student transfer information), California Articulation Number System (CANS), college and universities fees and tuition, California State University/University of California/California independent systems, general education certification options, Inter-segmental General Education Transfer Curriculum (IGETC) curriculum, questions often asked about IGETC, filing periods for college/university applications, financial aid, scholarships, and transfer terminology. 18 lecture hour. CSU

31253	Gamboa, R.	TR	08:30 AM-09:25 AM	LB 204	04/20-06/13
Late Start Class.					
31251	Staff	TR	08:30 AM-09:25 AM	LB 202	02/18-04/11
Learning Communities/Umoja Class.					

COUN 160 Strategies for College Success 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31261	Miyabe, P.	MW	05:25 PM-06:50 PM	LB 102	02/18-06/13
31259	McLeod, J.	TR	09:55 AM-11:20 AM	LL 101	02/18-06/13
Recommended for students with disabilities.					
31260	McBurney, R.	TR	01:05 PM-02:30 PM	LL 101	02/18-06/13
31380	Martinez, M.	T	07:00 PM-10:10 PM	LB 202	02/18-06/13
BOOTS TO BOOKS! This is a course for VETERANS and their FAMILIES.					
31263	Villa, E.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
31346	Martinez, M.	HRS-ARRG			02/18-06/13
BOOTS TO BOOKS: This is a course for VETERANS and their FAMILIES.					
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					

Dance

DANC 102 History of Dance 3 Units

A survey of dance from tribal, ethnic, and folk dance forms including Renaissance Europe, Louis XIV, the Golden Age of Ballet, and the Diaghilev Era, concluding with 20th Century dance including jazz, African-American influences, neo-classic ballet, modern, and world dance. 54 lecture hours. CSU UC

30060	Shear, M.	TR	11:30 AM-12:55 PM	VT 215	02/18-06/13
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DANC 103 Introduction to Dance 1 Units

An introduction to dance as an art form through lecture, video, and activity. The student will experience historical and contemporary dance forms, such as ballet, modern jazz, hip hop, tap, and ballroom. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC

30617	Cordova-Caddes, A.	TR	01:05 PM-02:30 PM	VT 323	02/18-06/13
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DANC 130 Alignment and Correctives 2 Units

A class for non-dancers and dancers seeking an introduction to the structural aspects that affect movement and gait. Lectures include biomechanical and neuromuscular aspects of the body. Practical hours include in-depth study of Pilates mat techniques and Gyro-kinesis. This course may be taken four times. 36 lecture hours, 18 lab hours. CSU

30618	Vaughan, J.	MW	09:55 AM-11:20 AM	VT 323	02/18-06/13
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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						Corequisite: Concurrent enrollment required in DANC 264. Special rehearsal and public performance above and beyond normal class expectations. This course may be taken four times. 18 lecture hours, 54 lab hours. CSU UC					
30624	Liskey, R.	S	09:00 AM-11:05 AM	VT 323	02/18-06/13	30693	Vaughan, J.	W	11:30 AM-02:30 PM	VT 323	02/18-06/13
						+ 16 TOTAL HRS ARRG					
DANC 160 Beginning Jazz Dance 1 Units A survey of the basic skills in jazz movement. This class provides basic technique and practice warm-ups, stretching, body control, and the building of stamina and strength progressing to dance combinations. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC						DANC 269 Intermediate Tap II 1 Units Prerequisite: DANC 259 or Audition. A more in-depth study of students' abilities and techniques in tap dance. Increased emphasis on style, speed and accuracy of sounds. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC					
30629	Allgaier, J.	TR	08:35 PM-10:00 PM	VT 323	02/18-06/13	30649	Valverde, Y.	MW	08:40 AM-09:45 AM	VT 323	02/18-06/13
DANC 161 Beginning Modern Dance 1 Units The study of dance through varied individual and group experiences in Beginning Modern Dance, with emphasis on increasing the individual's ability to use movement creatively. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. 18 lecture hours, 36 lab hours. CSU UC						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, 36 lab hours. CSU UC					
31375	Shear, M.	TR	09:55 AM-11:20 AM	VT 323	02/18-06/13	30694	Vaughan, J.	F	12:00 PM-02:50 PM	VT 323	02/18-06/13
						+ 16 TOTAL HRS ARRG					
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						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					
30632	Shear, M.	TR	08:20 AM-09:45 AM	VT 323	02/18-06/13	30653	Allgaier, J.	TR	07:00 PM-08:25 PM	VT 323	02/18-06/13
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						DANC 279 Advanced Tap I 1 Units Prerequisite: DANC 269 or Audition. An advanced study of students' abilities and techniques in tap dance. Increased emphasis on style, speed and accuracy of sounds. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC					
30648	Valverde, Y.	MW	08:40 AM-09:45 AM	VT 323	02/18-06/13	30650	Valverde, Y.	MW	08:40 AM-09:45 AM	VT 323	02/18-06/13
30626	Liskey, R.	S	09:00 AM-11:05 AM	VT 323	02/18-06/13						
DANC 260 Intermediate Jazz Dance I 1 Units Prerequisite: DANC 160 or Audition Development of the techniques necessary to execute modern jazz dance. This class is designed to further develop the techniques of the student with intermediate instruction in stretching, body control, strength, stamina more challenging dance combinations and progression of personal style. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC						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					
30636	Valverde, Y.	TR	11:30 AM-12:55 PM	VT 323	02/18-06/13	30695	Vaughan, J.	F	12:00 PM-02:50 PM	VT 323	02/18-06/13
30630	Allgaier, J.	TR	08:35 PM-10:00 PM	VT 323	02/18-06/13						
DANC 261 Intermediate Modern Dance 1 1 Units Prerequisite: DANC 161 or Audition A continuing study of modern dance with more in-depth instruction in the technique and creative elements of the dance form, including individual and group in-class projects. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC						DANC 289 Dance Concert Production 3 Units Prerequisite: Audition. Live dance concert production. Students will function as dance members in a fully produced dance production. The course is also open to all qualified students who wish to participate in production. This course may be taken four times. 36 lecture hours, 72 lab hours. CSU UC					
30639	Shear, M.	TR	09:55 AM-11:20 AM	VT 323	02/18-06/13	30696	Vaughan, J.	F	03:00 PM-06:00 PM	VT 323	02/18-06/13
						Audition Required Friday, September 5, 2008 at 3:00 p.m. in VT323. All students should be dressed to dance. Bring tap, ballet and jazz shoes.					
DANC 262 Intermediate Ballet I 1 Units Prerequisite: DANC 162 or Audition. Designed to instruct students in the intermediate dance technique of classical ballet. A more in-depth study of the positions and combinations of ballet. This course may be taken four times. 18 hours lecture, 36 hours lab. CSU UC						Dental Assisting					
30651	Allgaier, J.	TR	07:00 PM-08:25 PM	VT 323	02/18-06/13	DENT 100 Dental Assisting Basics 2.5 Unit Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.					
DANC 264 Popular Dance Techniques 4 Units Corequisite: Concurrent enrollment required in MUS 116 or 126. This course is an in-depth performance experience focusing on popular dance styles. The fundamentals of dance will be reviewed, and a focus on modern dance styles and techniques will be explored. Concepts of commercial dance techniques for videos and pop stage will also be studied. This course may be taken four times. 36 lecture hours, 108 lab hour. CSU UC						30043 Pohl, C. TR 08:30 AM-11:10 AM PC 223 02/18-04/11 Mandatory Orientation on December 11 @ 4:00 p.m., OR February 5 @ 4:00 p.m., OR February 19 @ 2:00 p.m. Call 626-914-8728 to schedule orientation.					
30686	Vaughan, J.	M	11:30 AM-02:30 PM	VT 323	02/18-06/13						
30687	Liskey, R.	M	11:30 AM-02:30 PM	VT 323	02/18-06/13						
						+ 90 TOTAL HRS ARRG					
						+ 90 TOTAL HRS ARRG					
DANC 266 Pop Dance: Rehearsal and Performance 2 Units											

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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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, 45 lab hours, 27 lab hours arranged.

30061	Pohl, C.	MW	08:30 AM-11:10 AM	PC 223	02/18-04/11
Lecture Section Only. Lab Section also required.					
31292	Gonzales, R.	F	08:30 AM-01:50 PM	PC 215	02/18-04/11
Lab section only. Lecture section also required.					
+ 27 TOTAL HRS ARRG					
30079	Pohl, C.	F	08:30 AM-01:50 PM	PC 215	02/18-04/11
Lab section only. Lecture section also required.					
+ 27 TOTAL HRS ARRG					

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, 36 lab hours, 18 lab hours arranged.

30101	Arredondo, D.	M	12:00 PM-04:15 PM	PC 223	02/18-04/11
Lecture Section only. Lab section also required.					
30103	Arredondo, D.	W	12:00 PM-04:15 PM	PC 215	02/18-04/11
Lab section only. Lecture section also required.					
+18 TOTAL HRS ARRG					
31294	Cusick, T.	W	12:00 PM-04:15 PM	PC 215	02/18-04/11
Lab section only. Lecture section also required.					
+ 18 TOTAL HRS ARRG					

DENT 122 Infection Control in the Dental Office 1.5 Unit

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.
 This course is designed to prepare the dental assistant in the prevention of disease transmission in the work environment. Emphasis is placed on knowledge of the infectious disease process, use of barriers, sterilization, disinfection, OSHA requirements, and the concept of universal precautions. 27 lecture hours.

30179	Cusick, T.	T	01:00 PM-04:10 PM	PC 223	04/20-06/13
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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.

30300	Gonzales, R.	W	01:00 PM-05:15 PM	PC 223	02/18-04/11
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DENT 124 Dental Specialties 2 Units

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.
 The scope of this course includes all aspects of dental specialties with emphasis on the procedures, terminology, the role of the auxiliary and special patient considerations. 36 lecture hours.

31413	Gonzales, R.	M	08:30 AM-12:45 PM	PC 223	04/20-06/13
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DENT 201 Dental Radiology 0 Units

Prerequisite: DENT 100, 101, 102.
 This course encompasses the preclinical and clinical instruction in safety radiation, exposing of intra-oral radiographs utilizing both bisecting and paralleling technique, and all aspects of film processing and mounting. Student must be 18 years of age. 18 lecture hours, 45 lab hours, 18 lab hours arranged.

30944	Arredondo, D.	M	02:00 PM-07:20 PM	PC 223	04/20-06/13
Lab section only. Lecture section also required.					
+ 18 TOTAL HRS. ARRG					
30034	Arredondo, D.	W	08:30 AM-10:35 AM	PC 223	04/20-06/13
Lecture section only. Lab section also required.					
30947	Gonzales, R.	W	11:30 AM-04:50 PM	PC 223	04/20-06/13
Lab section only. Lecture section also required.					
+ 18 TOTAL HRS ARRG					
30943	Arredondo, D.	W	11:30 AM-04:50 PM	PC 223	04/20-06/13
Lab section only. Lecture section also required.					
+ 18 TOTAL HRS ARRG					

DENT 202 Registered Dental Assistant 0 Units

Prerequisite: DENT 101, 102, 121, 122, 123, and 124.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 72 hours lecture, 99 hours lab.

30954	Pohl, C.	TR	08:00 AM-12:15 PM	PC 215	04/20-06/13
Lab section only. Lecture section also required.					
Weekend seminars also required.					
30952	Arredondo, D.	TR	08:00 AM-12:15 PM	PC 215	04/20-06/13
Lab section only. Lecture section also required.					
Weekend seminars also required.					
30949	Pohl, C.	M	08:00 AM-12:15 PM	PC 314	04/20-06/13
Lecture section only. Lab section also required.					
30955	Pohl, C.	M	01:30 PM-05:45 PM	PC 215	04/20-06/13
Lab section only. Lecture section also required.					
Weekend seminars also required.					
30955	Pohl, C.	T	01:30 PM-04:40 PM	PC 215	04/20-06/13
Lab section only. Lecture section also required.					
Weekend seminars also required.					
30955	Pohl, C.	W	08:00 AM-12:15 PM	PC 215	04/20-06/13
Lab section only. Lecture section also required.					
Weekend seminars also required.					
30954	Pohl, C.	F	08:00 AM-11:10 AM	PC 215	04/20-06/13
Lab section only. Lecture section also required.					
Weekend seminars also required.					
30952	Arredondo, D.	F	08:00 AM-11:10 AM	PC 215	04/20-06/13
Lab section only. Lecture section also required.					
Weekend seminars also required.					

DENT 203 DENTAL PRACTICAL EXPERIENCE 6 Units

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. 324 hours lab.

30956	Arredondo, D.	HRS-ARRG	FD	02/18-06/13
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Disabled Student Prog & Svcs

DSPS 103 DSPS Technical Assistance Lab: Adaptive Technology 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Specialized instruction designed for students with disabilities who require adaptive computer technologies to effectively access the computer. The student will become empowered through the use of individualized learning materials, adaptive computer technology, and compensatory strategies intended to lessen the impact of the disability for achieving success in college. 54 lab hours.

31266	McLeod, J.	MW	09:30 AM-10:55 AM	ED 203	02/18-06/13
Recommended for students with disabilities.					

Drafting Technology

DRAF 101 Mechanical Drawing 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A basic course for pre-engineering, pre-architecture, and others who have had no previous mechanical drawing. 36 lecture hours, 72 lab hours. CSU

30494	Fernandes, R.	MW	06:00 PM-09:10 PM	PC 304	02/18-06/13
30444	Yu, J.	TR	08:10 AM-11:20 AM	PC 304	02/18-06/13

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
DRAF 102 Technical Illustration 2.5 Unit						Prerequisite: DRAF 150 and 151 (151 may be taken concurrently). Architectural drafting including: details of construction, framing of walls, ceilings and roofs, interior and exterior elevations, and cabinet details. Drafting techniques for completing a set of working drawings. 36 lecture hours, 72 lab hours. CSU					
Prerequisite: DRAF 101 and 109. A basic course in pictorial drawing including freehand, mechanical, and CAD constructions in isometric and perspective drawing. 36 lecture hours, 36 lab hours. CSU						30199	Fernandes, R.	MW	09:45 AM-12:55 PM	PC 304	02/18-06/13
30460	Fernandes, R.	W	01:30 PM-05:45 PM	PC 304	02/18-06/13	30545	Tabata, F.	TR	06:00 PM-09:10 PM	PC 304	02/18-06/13
DRAF 103 Advanced Mechanical Drawing 3 Units						DRAF 153 Advanced Residential Detailing and Design 3 Units					
Prerequisite: DRAF 101 or one year high school mechanical drafting. Advanced techniques and the solution of drafting problems through a variety of practical applications rather than the theories of projection. Advanced problems in instrumental drawing, lettering, geometric construction, multi-view projections, sections, and auxiliary view. 36 lecture hours, 72 lab hours. CSU						Prerequisite: DRAF 152. Design and detail drawing of two story and split level homes. Special requirements for sloping lots, under house garages, and basements. Architectural styles typical of larger homes. 36 lecture hours, 72 lab hours. CSU					
30498	Fernandes, R.	MW	06:00 PM-09:10 PM	PC 304	02/18-06/13	30201	Fernandes, R.	MW	09:45 AM-12:55 PM	PC 304	02/18-06/13
30446	Yu, J.	TR	08:10 AM-11:20 AM	PC 304	02/18-06/13	30551	Tabata, F.	TR	06:00 PM-09:10 PM	PC 304	02/18-06/13
DRAF 109 Intermediate Computer Aided Drafting (CAD) 2 Units						DRAF 154 Commercial and Industrial Buildings 3 Units					
Strongly recommended: DRAF 112 or drafting industry experience. Also, READ 099 if required by reading placement exam or if required by reading level. This course provides an overview of the application of microcomputers to the production of technical drawings and other computer graphics. Lectures, discussions, audiovisuals, outside reading and supervised computer laboratory projects are among the means employed to develop a comprehensive introduction to CAD. This course may be taken three times. 18 lecture hours, 54 lab hours.						Prerequisite: DRAF 152. Designing and detailing small business and manufacturing buildings. Code requirements, special materials, and functional requirements. 36 lecture hours, 72 lab hours. CSU					
30456	Au, S.	M	01:15 PM-05:30 PM	PC 309	02/18-06/13	30203	Fernandes, R.	MW	09:45 AM-12:55 PM	PC 304	02/18-06/13
30467	Johnson, G.	T	05:45 PM-10:00 PM	PC 309	02/18-06/13	30554	Tabata, F.	TR	06:00 PM-09:10 PM	PC 304	02/18-06/13
DRAF 111 Computer Aided Design and drafting Mechanical (CADD) 2 Units						DRAF 158 Perspective 2 Units					
Prerequisite: DRAF 109 or ENGR 125. Presents advanced automated drafting techniques used in the production of mechanical drawings. This study emphasizes the creation and use of symbol libraries and custom tablet menus. This course may be taken three times. 18 lecture hours, 54 lab hours.						Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Projected control of one and two point perspective drawings, exterior and interior projects, shading and rendering of presentation drawings. 18 lecture hours, 54 lab hours. CSU					
30485	Au, S.	M	05:45 PM-10:00 PM	PC 309	02/18-06/13	30459	Fernandes, R.	W	01:30 PM-05:45 PM	PC 304	02/18-06/13
DRAF 112 Introduction to Computer Aided Design (CAD) and Mechanical Drawing 3 Units						DRAF 160 Introduction to Architectural CAD 2 Units					
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A basic course for pre-engineering, pre-architecture, and others who have had no previous Computer Aided Design (CAD) and mechanical drawing. 36 lecture hours, 72 lab hours. CSU						Prerequisite: DRAF 109. An introductory course in which the CAD system is applied to special problems in architecture. Techniques in creating symbol libraries are explored. Proper and efficient methods of producing plans, sections, details and elevations are introduced along with dimensioning fundamentals and sheet layout. 36 lecture hours, 36 lab hours. CSU					
30497	Fernandes, R.	MW	06:00 PM-09:10 PM	PC 304	02/18-06/13	30457	Au, S.	M	01:15 PM-05:30 PM	PC 309	02/18-06/13
30445	Yu, J.	TR	08:10 AM-11:20 AM	PC 304	02/18-06/13	30468	Johnson, G.	T	05:45 PM-10:00 PM	PC 309	02/18-06/13
DRAF 150 Introduction to Architecture 3 Units						DRAF 161 Residential CAD 2 Units					
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A non drafting course for students interested in exploring the fields of architecture and architectural technology and developing a working knowledge of the planning and design of a residence. 54 lecture hours. CSU						Prerequisite: DRAF 160. An advanced architectural course using CAD for the design and development of residential floor plans and foundations, site plans, electrical plans, plumbing, climate control, sections, details, elevations and notes. 36 lecture hours, 36 lab hours. CSU					
30197	Fernandes, R.	MW	08:10 AM-09:35 AM	TB 314	02/18-06/13	30484	Au, S.	M	05:45 PM-10:00 PM	PC 309	02/18-06/13
DRAF 151 Basic Residential Floor Plans and Functional Design 3 Units						DRAF 198 Special Problems in Drafting 1 Units					
Prerequisite: DRAF 150, or high school architectural drawing and DRAF 101 or one year of high school mechanical drawing. Introduction to the drafting skills of architectural technology. Residential floor plans and foundations, design problems, lettering, line work, drawing to scale, symbols, notes, and dimensions. 36 lecture hours, 72 lab hours. CSU						Prerequisite: DRAF 152. Supervised projects in specialized drafting topics, perspective, sheet metal drafting, map drafting or model making to meet the needs of students preparing portfolios or for specific job training. This course may be taken three times. 54 lab hours.					
30198	Fernandes, R.	MW	09:45 AM-12:55 PM	PC 304	02/18-06/13	30205	Fernandes, R.	MW	09:45 AM-11:10 AM	PC 304	02/18-06/13
30541	Tabata, F.	TR	06:00 PM-09:10 PM	PC 304	02/18-06/13						
DRAF 152 Basic Residential Structure Design and Drafting 3 Units											

Earth Science

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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ESCI 115 Planetary Astronomy 3 Units

Strongly recommended: MATH 130. Also READ 099 if required by reading placement exam or if required by reading level.
The astronomy of the solar system including the history of astronomy, Newton's and Kepler's laws, light, telescopes, the sun, terrestrial and giant planets, satellites, comets, meteors, and the origin of the solar system. 54 lecture hours, 18 lab hours. CSU UC

30001	Livio, P.	MW	11:30 AM-12:55 PM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					
30002	Kaisler, D.	TR	09:55 AM-11:20 AM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					
30003	Livio, P.	R	07:00 PM-10:10 PM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					
30004	Kary, D.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION After registering go to www.citruscollege.edu/de .					

ESCI 115H Planetary Astronomy 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, Math 130.
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, 18 lab hours. CSU UC

30005	Kary, D.	MW	01:05 PM-02:30 PM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					

ESCI 116 Stellar Astronomy 4 Units

Strongly recommended: MATH 130. Also, READ 099 if required by reading placement exam or if required by reading level.
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, 72 lab hours. CSU UC

30013	Kaisler, D.	TR	05:25 PM-06:50 PM	MA 227	02/18-06/13
Lecture section only. Lab section also required.					
30022	Kaisler, D.	M	07:00 PM-10:10 PM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					
Lab section only. Lecture section also required.					
30027	Bauer, J.	T	07:00 PM-10:10 PM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					
Lab section only. Lecture section also required.					
30025	Kaisler, D.	W	07:00 PM-10:10 PM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					
Lab section only. Lecture section also required.					
30028	Livio, P.	R	01:00 PM-04:10 PM	MA 227	02/18-06/13
+ 18 HRS ARRG					
Lab section only. Lecture section also required.					
30018	Kary, D.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION After registering go to www.citruscollege.edu/de .					

ESCI 117 Life In The Universe 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
The origin and evolution of life on Earth, the processes and conditions relevant to life elsewhere in the universe, and the ongoing search for extraterrestrial life. 54 lecture hours. 18 lab hours. CSU

30029	Kaisler, D.	MW	09:55 AM-11:20 AM	MA 227	02/18-06/13
+ 18 TOTAL HRS ARRG					

ESCI 118 Physical Geography 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
A study of the basic physical elements of geography; maps, seasons and time, weather, climate, soils, natural vegetation, and land forms, and their relationships and distribution upon the face of the earth. 54 lecture hours. CSU UC

30419	Hathaway, G.	M	11:30 AM-02:40 PM	TC 122	02/18-06/13
30422	Wagner, A.	R	07:00 PM-10:10 PM	LH 102	02/18-06/13

ESCI 120 Physical Geology 4 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
An elementary study of the Earth, particularly of its materials and structure, and of the physical and chemical processes at work upon and within it. 54 lecture hours, 54 lab hours. CSU UC

30492	Hathaway, G.	TR	09:55 AM-11:20 AM	LH 102	02/18-06/13
Lecture section only. Lab section also required.					
30493	Hathaway, G.	T	11:30 AM-02:40 PM	TC 122	02/18-06/13
Lab section only. Lecture section also required.					
30958	Hathaway, G.	T	02:50 PM-06:00 PM	TC 122	02/18-06/13
Lab section only. Lecture section also required.					
30496	Hathaway, G.	W	11:30 AM-02:40 PM	TC 122	02/18-06/13
Lab section only. Lecture section also required.					
30495	Hathaway, G.	R	11:30 AM-02:40 PM	TC 122	02/18-06/13
Lab section only. Lecture section also required.					

ESCI 124 Environmental Geology 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
Application of geologic principles to selected environmental problems. Topics include earthquakes, volcanism, mass movements, climate change, floods, coastal processes, mass extinctions, meteorite impacts, and population growth. 54 lecture hours. CSU UC

30417	Hathaway, G.	MW	08:20 AM-09:45 AM	LH 102	02/18-06/13
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ESCI 130 Physical Oceanography 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30415	Hathaway, G.	MW	09:55 AM-11:20 AM	LH 102	02/18-06/13
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Economics

ECON 100 Economics 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
Introduction to the concepts and tools of economic analysis, especially as they apply to the United States economy. The major topics studied are business organizations, government expenditures and taxation, business cycles, price determination, the distribution of income and economic growth. 54 lecture hours.

CSU UC					
31016	Ghosh, R.	MW	01:05 PM-02:30 PM	HH 754	02/18-06/13

ECON 101 Principles of Economics 3 Units

Strongly recommended: MATH 130. Also, READ 099 if required by reading placement exam or if required by reading level.
An introductory course that focuses on aggregate economic analysis. Topics include market systems; economic cycles including recession, unemployment and inflation; national income accounts; macroeconomic equilibrium; money and financial institutions; monetary and fiscal policy; and international trade and finance. 54 lecture hours. CSU UC

31279	Styles, C.	MW	11:30 AM-12:55 PM	LB 102	02/18-06/13
31283	Styles, C.	MW	01:05 PM-02:30 PM	LB 102	02/18-06/13
31285	Styles, C.	TR	11:30 AM-12:55 PM	LB 102	02/18-06/13
31286	Styles, C.	TR	01:05 PM-02:30 PM	LB 102	02/18-06/13
31287	Avci, T.	M	07:00 PM-10:10 PM	LB 103	02/18-06/13
31288	Al-Sabea, T.	R	07:00 PM-10:10 PM	LB 102	02/18-06/13
31291	Styles, C.		HRS-ARRG		04/20-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					
31290	Bakhit, K.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

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ECON 101H Principles of Economics/Honors 3 Units Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A macro economics course that focuses on aggregate economic analysis and its applications. Topics include: theory of market systems; economic cycles including recession, unemployment and inflation; national income accounts; macroeconomic equilibrium; money and financial institutions; monetary and fiscal policy; and international trade and finance. It also tackles the application of the theory to different economic issues like power of business in the energy market, outsourcing and unemployment, lending practices among financial institutions and its effects on the real estate market, the budget deficit, the trade deficit, national health care proposals, and immigration. Students are expected to participate at an honors level which includes research of the application cases, analysis of issues, and strong critical thinking and writing skills to evaluate current policies and generat CSU UC						ENGR 108 Networking Operating Systems 4 Units Strongly recommended: ENGR 107. This course provides information covering the areas of network operating systems used on LANS and WANS. This course includes installation and overview of popular server software. This course may be taken two times. 54 lecture hours, 54 lab hours.					
31293	Bakhit, K.	TR	01:05 PM-02:30 PM	P3 100	02/18-06/13	30188	Buchwald, L.	MW	07:00 PM-10:10 PM	PC 316	02/18-06/13
ECON 102 Principles of Economics 3 Units Strongly recommended: MATH 130. Also, READ 099 if required by reading placement exam or if required by reading level. 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						ENGR 109 Network and Computer Security 4 Units Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Covers basics of general security concepts, network security, communication security and infrastructure security. Business continuity, disaster recovery, planning and prevention will be covered. This course will lay the foundation for attendees to complete the CompTIA Security + certification tests. 54 lecture hours, 54 lab hours.					
31270	Ghosh, R.	MW	09:55 AM-11:20 AM	LB 303	02/18-06/13	30190	Buchwald, L.	MW	07:00 PM-10:10 PM	PC 316	02/18-06/13
31271	Bakhit, K.	TR	11:30 AM-12:55 PM	P3 105	02/18-06/13	ENGR 122 Engineering Drawing 3 Units Prerequisite: DRAF 101. Covers the application of the latest industrial design standards of orthographic projection and dimensioning specifications in the production of mechanical items and assemblies. 36 lecture hours, 72 lab hours. CSU UC					
31272	Zawahreh, L.	W	07:00 PM-10:10 PM	LH 102	02/18-06/13	30509	Fernandes, R.	MW	06:00 PM-09:10 PM	PC 304	02/18-06/13
31275	Huemer, A.		HRS-ARRG		04/20-06/13	30447	Yu, J.	TR	08:10 AM-11:20 AM	PC 304	02/18-06/13
31273	Bakhit, K.		HRS-ARRG		02/18-06/13	ENGR 125 Introduction to Engineering CAD 2 Units An introduction to the use of computers in engineering drawing. This course includes hands-on use of IBM compatible hardware and AutoCAD software. 18 lecture hours, 54 lab hours. CSU UC					

Electronics

ELEC 102 Electronics Communication 4 Units
 Prerequisite: ELEC 101.
 Strongly recommended: Eligibility for MATH 130.
 This course covers the fundamentals of A.C. circuits. The following topics are stressed: magnetism, reactance, impedance, resonance, transformers, filters, and polyphase systems. 54 lecture hours, 54 lab hours. CSU

30182 Stoner, B. MTWR 08:20 AM-09:45 AM PC 317 02/18-06/13

ELEC 202 Solid State Devices 4 Units
 Prerequisite: ELEC 101.
 The study of semiconductor solid state and linear integrated circuit theory with the following devices: diodes, bipolar transistors, field effect transistors, operational amplifiers, times, optoelectronics, thyristors, with an introduction to lasers. In the laboratory the student will conduct experiments using electronic test equipment with discrete devices, including linear integrated circuits. 54 lecture hours, 54 lab hours.

30185 Stoner, B. MTWR 09:55 AM-11:20 AM PC 317 02/18-06/13

Engineering

ENGR 104 PC Hardware and Maintenance 4 Units
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 This course will be of interest to computer technicians, field service and help desk support personnel, as well as, individuals interested in enhancing their technical skills and knowledge of the PC system. The course starts from the basic entry level concepts, and quickly progresses into discussing advanced topics related to the PC industry. It will lay the foundation for attendees to prepare for the A+ certification tests or to pursue further training for the MCSE program. This course may be taken two times. 54 lecture hours, 54 lab hours.

30964 Stoner, B. MTWR 11:30 AM-12:55 PM PC 316 02/18-06/13

ENGR 107 Network Technology 4 Units
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 This course provides information covering the LAN and WAN. Network topologies and protocols are presented. This course may be taken two times. 54 lecture hours, 54 lab hours.

30186 Stoner, B. MTWR 01:05 PM-02:30 PM PC 316 02/18-06/13

ENGR 130 Engineering Graphics 3 Units
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Covers the application of descriptive geometry in the solution of engineering problems. Presents the latest industrial design standards of orthographic projection, isometric sketching and dimensioning according to ANSI Y14.5 specifications. 36 lecture hours, 72 lab hours. CSU UC

30510 Fernandes, R. MW 06:00 PM-09:10 PM PC 304 02/18-06/13

30448 Yu, J. TR 08:10 AM-11:20 AM PC 304 02/18-06/13

English

ENGL 030 Writing Skills I 3 Units
 Prerequisite: Placement is based on multiple assessment measures or successful completion of non-credit course work below ENGL 030.
 Strongly recommended: READ 019 if required by reading placement exam or if required by reading level.
 This course focuses intensively on English fundamentals including grammar, spelling, prewriting strategies, and basic paragraph development. This course is designed primarily for those students preparing for ENGL 040. 54 lecture hours, 18 lab hours.

30761 Hogan, G. MTWR 09:55 AM-11:20 AM LB 309 02/18-04/11

FAST TRACK +18 TOTAL HRS ARRG

30762 Hogan, G. MTWR 11:30 AM-12:55 PM LB 309 02/18-04/11

FAST TRACK +18 TOTAL HRS ARRG

30759 Lee, B. MW 08:20 AM-09:45 AM LB 304 02/18-06/13

+18 TOTAL HRS ARRG

30763 Birmingham, T. MW 05:25 PM-06:50 PM ED 201 02/18-06/13

+18 TOTAL HRS ARRG

30758 Naiyer, Z. TR 08:20 AM-09:45 AM LI 120 02/18-06/13

+18 TOTAL HRS ARRG

30760 Cross, C. TR 09:55 AM-11:20 AM TC 127 02/18-06/13

+18 TOTAL HRS ARRG

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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ENGL 040 Writing Skills II 3 Units

Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 030 with min. grade of C.

Strongly recommended: READ 040 if required by reading placement exam or if required by reading level.

A review of English fundamentals including grammar, spelling, vocabulary, and standard usage with emphasis on punctuation, basic writing skills, and paragraph development. This course is designed primarily for those students preparing for ENGL 100. 54 lecture hours, 18 lab hours.

30818 Hogan, G. MTWR 09:55 AM-11:20 AM LB 309 04/20-06/13

FAST TRACK +18 TOTAL HRS ARRG

30806 Rudd, R. MTWR 09:55 AM-11:20 AM LB 307 02/18-04/11

FAST TRACK Learning Communities Class. +18 TOTAL HRS ARRG

30808 Rudd, R. MTWR 11:30 AM-12:55 PM LB 307 02/18-04/11

FAST TRACK +18 TOTAL HRS ARRG

30819 Hogan, G. MTWR 11:30 AM-12:55 PM LB 309 04/20-06/13

FAST TRACK +18 TOTAL HRS ARRG

30767 Curran, K. MW 08:20 AM-09:45 AM TC 127 02/18-06/13

+18 TOTAL HRS ARRG

30812 Lombardo, T. MW 03:50 PM-05:15 PM LB 203 02/18-06/13

+18 TOTAL HRS ARRG

30768 Telesca, L. TR 08:20 AM-09:45 AM LB 304 02/18-06/13

+18 TOTAL HRS ARRG

30805 Telesca, L. TR 09:55 AM-11:20 AM LB 304 02/18-06/13

+18 TOTAL HRS ARRG

30809 Telesca, L. TR 11:30 AM-12:55 PM LB 304 02/18-06/13

+18 TOTAL HRS ARRG

30810 Fontaine, S. TR 01:05 PM-02:30 PM LL 102 02/18-06/13

+18 TOTAL HRS ARRG

30813 Martinez, S. TR 03:50 PM-05:15 PM AN 102 02/18-06/13

+18 TOTAL HRS ARRG

30815 Resto-Ometeotl, L. TR 05:25 PM-06:50 PM AN 101 02/18-06/13

+18 TOTAL HRS ARRG

30816 Curran, K. M 07:00 PM-10:10 PM LI 120 02/18-06/13

+18 TOTAL HRS ARRG

30817 Wilson, B. W 07:00 PM-10:10 PM LB 305 02/18-06/13

+18 TOTAL HRS ARRG

ENGL 100 Fundamentals of Composition 3 Units

Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 040 with a min. grade of C.

An introduction to the fundamental techniques and rhetorical devices necessary to effective expository prose, with emphasis on paragraph development, outlining, organization, and revision leading to the multiple-paragraph essay. This course is designed primarily for students preparing for ENGL 101. 54 lecture hours.

30823 Rudd, R. MTWR 08:20 AM-09:45 AM LB 307 02/18-04/11

FAST TRACK

30854 Rudd, R. MTWR 09:55 AM-11:20 AM LB 307 04/20-06/13

FAST TRACK Learning Communities / Late Start Class

30856 Rudd, R. MTWR 11:30 AM-12:55 PM LB 307 04/20-06/13

FAST TRACK

30839 Welch, M. MTWR 01:05 PM-02:30 PM LB 304 02/18-04/11

FAST TRACK

30822 Villeneuve, A. MW 08:20 AM-09:45 AM LB 308 02/18-06/13

30830 Villeneuve, A. MW 09:55 AM-11:20 AM LB 305 02/18-06/13

30832 Eiland, T. MW 11:30 AM-12:55 PM LI 120 02/18-06/13

30845 Linville, B. MW 03:50 PM-05:15 PM LB 309 02/18-06/13

30840 Murphy, J. MW 03:50 PM-05:15 PM ED 205 02/18-06/13

30829 Villeneuve, A. TR 08:20 AM-09:45 AM LB 308 02/18-06/13

30831 Villeneuve, A. TR 09:55 AM-11:20 AM IS 109 02/18-06/13

30838 Hogan, G. TR 01:05 PM-02:30 PM LB 309 02/18-06/13

30843 Harvey, J. TR 03:50 PM-05:15 PM LI 120 02/18-06/13

30842 Fontaine, S. TR 03:50 PM-05:15 PM LB 309 02/18-06/13

30853 Martinez, S. TR 07:00 PM-08:25 PM LB 203 02/18-06/13

30849 Jonas, V. T 07:00 PM-10:10 PM IS 109 02/18-06/13

30820 Kang, E. F 08:10 AM-11:20 AM LB 106 02/18-06/13

31091 Hall, J. HRS-ARRG 04/20-06/13

FAST TRACK

31090 Hall, J. HRS-ARRG 02/18-06/13

ENGL 101 Reading and Composition 3 Units

Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 100 with min. grade of C.

A college-level composition course emphasizing exposition, analysis, argument, and research techniques. Extensive writing practice based upon reading culturally diverse short stories and related materials. 54 lecture hours. CSU UC

31006 Welch, M. MTWR 08:20 AM-09:45 AM LB 307 04/20-06/13

FAST TRACK

30932 Robles, A. MTWR 01:05 PM-02:30 PM LB 307 02/18-04/11

FAST TRACK

30922 Naiyer, Z. MW 08:20 AM-09:45 AM ED 205 02/18-06/13

30921 Grannis, G. MW 08:20 AM-09:45 AM LB 305 02/18-06/13

30926 Wood, J. MW 09:55 AM-11:20 AM LB 308 02/18-06/13

30924 Myers, K. MW 09:55 AM-11:20 AM P1 104 02/18-06/13

30928 Spangler, S. MW 11:30 AM-12:55 PM IS 109 02/18-06/13

30930 Wood, J. MW 11:30 AM-12:55 PM LB 308 02/18-06/13

30933 Bray, R. MW 01:05 PM-02:30 PM LB 308 02/18-06/13

30931 Dau, C. MW 01:05 PM-02:30 PM LB 305 02/18-06/13

30935 Eiland, T. MW 01:05 PM-02:30 PM LI 120 02/18-06/13

Learning Communities Class.

30923 Salwak, D. TR 08:20 AM-09:45 AM P1 103 02/18-06/13

30925 Wood, J. TR 09:55 AM-11:20 AM LB 308 02/18-06/13

30927 Dau, C. TR 11:30 AM-12:55 PM LB 305 02/18-06/13

Learning Communities Class.

30929 Wood, J. TR 11:30 AM-12:55 PM LB 308 02/18-06/13

31004 Lee, B. TR 11:30 AM-12:55 PM TC 127 02/18-06/13

30936 Dougall, N. TR 01:05 PM-02:30 PM ED 201 02/18-06/13

30934 Salwak, D. TR 01:05 PM-02:30 PM LB 203 02/18-06/13

30941 Overly, D. TR 03:50 PM-05:15 PM LB 305 02/18-06/13

30990 Martinez, S. TR 05:25 PM-06:50 PM LB 307 02/18-06/13

30992 Dougall, N. TR 05:25 PM-06:50 PM LB 308 02/18-06/13

30937 Overly, D. M 03:40 PM-06:50 PM LB 304 02/18-06/13

30993 Overly, D. M 07:00 PM-10:10 PM LB 304 02/18-06/13

30938 Romero, A. T 03:40 PM-06:50 PM LB 304 02/18-06/13

30995 Romero, A. T 07:00 PM-10:10 PM LB 307 02/18-06/13

30996 Birmingham, T. W 07:00 PM-10:10 PM LB 307 02/18-06/13

30940 Ramos, C. R 03:40 PM-06:50 PM LB 304 02/18-06/13

31000 Resto-Ometeotl, L. R 07:00 PM-10:10 PM LB 308 02/18-06/13

30919 Villeneuve, A. F 08:10 AM-11:20 AM LB 308 02/18-06/13

31094 Hall, J. HRS-ARRG 02/18-06/13

31092 Harvey, J. HRS-ARRG 02/18-06/13

31093 Eiland, T. HRS-ARRG 02/18-06/13

ENGL 102 Reading and Composition 3 Units

Prerequisite: ENGL 101.

Reading and writing about representative works of fiction, drama, and poetry. Critical thinking and cross-cultural awareness are emphasized. 54 lecture hours. CSU UC

30884 Eisel, R. TR 09:55 AM-11:20 AM LB 305 02/18-06/13

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

Prerequisite: Completion of ENGL 101 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

31118	Robles, A. FAST TRACK	MTWR	01:05 PM-02:30 PM	LB 307	04/20-06/13
31097	Lawrence, P.	MW	08:20 AM-09:45 AM	IS 109	02/18-06/13
31096	Myers, K.	MW	08:20 AM-09:45 AM	LI 120	02/18-06/13
31099	Telesca, L.	MW	09:55 AM-11:20 AM	LB 304	02/18-06/13
31104	Dau, C.	MW	11:30 AM-12:55 PM	LB 305	02/18-06/13
31107	Spangler, S.	MW	01:05 PM-02:30 PM	IS 109	02/18-06/13
31098	Eisel, R.	TR	08:20 AM-09:45 AM	LB 305	02/18-06/13
31103	Spangler, S.	TR	11:30 AM-12:55 PM	IS 109	02/18-06/13
31108	Spangler, S. Learning Communities Class.	TR	01:05 PM-02:30 PM	IS 109	02/18-06/13
31110	Lawrence, P.	TR	03:50 PM-05:15 PM	ED 205	02/18-06/13
31114	Lawrence, P.	TR	05:25 PM-06:50 PM	LB 305	02/18-06/13
31115	Harvey, J.	M	07:00 PM-10:10 PM	LB 305	02/18-06/13
31116	Overly, D.	T	07:00 PM-10:10 PM	LB 304	02/18-06/13
31109	Overly, D.	W	03:40 PM-06:50 PM	LB 308	02/18-06/13
31117	Overly, D.	W	07:00 PM-10:10 PM	LB 304	02/18-06/13
31095	Staff	HRS-ARRG			02/18-06/13
31112	Eiland, T.	HRS-ARRG			02/18-06/13

ENGL 103H Composition and Critical Thinking 3 Units

Prerequisite: ENGL 101.
 Strongly Recommended: READ 099 if required by reading placement exam or if required by reading 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

31106	Eiland, T.	TR	11:30 AM-12:55 PM	LI 120	02/18-06/13
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ENGL 104 Advanced Rhetoric: The Classical Essay 3 Units

Prerequisite: ENGL 101.
 This course is designed to help students develop critical thinking, writing and research skills beyond the level achieved in ENGL 101. Particular emphasis is placed on increasingly complex classical methods of invention, arrangement and style for writing assignments that demand sound organizational skills. Students will read and critically evaluate (for meaning, purpose, strategy and style) expository and argumentative essays from a variety of classical sources and multi-cultural perspectives and then use these essays as rhetorical models for their own writing assignments. Students will be required to 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. Most of the written assignments will require library research and documentation. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU UC

30909	Spangler, S.	MW	09:55 AM-11:20 AM	IS 109	02/18-06/13
30910	Wood, J.	TR	01:05 PM-02:30 PM	LB 308	02/18-06/13

ENGL 252 Introduction to English Literature II 3 Units

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

Significant works of major British writers in historical perspective. Nineteenth and twentieth centuries with emphasis on the Romantic period, the Victorian period, and the novel. 54 lecture hours. CSU UC

30912	Salwak, D.	TR	09:55 AM-11:20 AM	LB 203	02/18-06/13
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ENGL 262 Introduction to American Literature II 3 Units

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

30913	Telesca, L.	MW	11:30 AM-12:55 PM	LB 304	02/18-06/13
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ENGL 272 Introduction to World Literature: Renaissance through Modern 3 Units

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

This course explores the relationship among history, philosophy, and literature. Special attention has been placed on writers and thinkers of lasting significance, e.g. Machiavelli, Cervantes, Voltaire, Goethe, Dostoevsky, etc. 54 lecture hours. CSU UC

30914	Eisel, R.	TR	01:05 PM-02:30 PM	LB 305	02/18-06/13
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ENGL 293 Children's Literature 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30916	Salwak, D.	MW	09:55 AM-11:20 AM	LB 203	02/18-06/13
30917	Villeneuve, A.	T	07:00 PM-10:10 PM	LB 308	02/18-06/13

ENGL 293H Honors Children's Literature 3 Units

Strongly recommended: ENGL 101 or 103.
 Also, READ 099 if required by reading placement exam or if required by reading 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

31359	Eiland, T.	TR	01:05 PM-02:30 PM	LI 120	02/18-06/13
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ENGL 298 Literature of the Bible 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Reading and discussion of the selected books from the Old and New Testaments. Emphasis is on the religious-social-political ideas, literary qualities, and textual problems. 54 lecture hours. CSU UC

30825	Salwak, D.	MW	08:20 AM-09:45 AM	LB 203	02/18-06/13
30826	Smythe, C.	TR	08:20 AM-09:45 AM	ED 205	02/18-06/13

English Second Language

ESL 030 English Language Skills III 3 Units

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.

30688	Tucker, C. FAST TRACK +9 TOTAL HRS ARRG	MTWR	08:20 AM-09:45 AM	ED 201	02/18-04/11
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Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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ESL 032 Pronunciation and Conversation III 2 Units

Prerequisite: Placement is based on multiple assessment measures.
 Strongly recommended: For students enrolled in ESL level 3 core courses.
 A course for intermediate students in comprehension and communication of spoken English. Emphasis is on building confidence in oral expression, refining pronunciation, and reducing accent. 36 lecture hours.
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30689 Cross, C. MTWR 01:05 PM-02:10 PM AN 102 02/18-04/11
 FAST TRACK

ESL 034 Vocabulary/Reading 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.

30690 Guebert, T. MTWR 09:55 AM-11:00 AM AN 101 02/18-04/11
 FAST TRACK

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

30691 Tucker, C. MTWR 11:40 AM-12:45 PM ED 201 02/18-04/11
 FAST TRACK +9 TOTAL HRS ARR

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 parallels ENGL 040, preparing 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. 54 lecture hours. 9 lab hours.
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30697 Tucker, C. MTWR 08:20 AM-09:45 AM ED 201 04/20-06/13
 FAST TRACK +9 TOTAL HRS ARR
 30692 Guebert, T. MTWR 08:20 AM-09:45 AM AN 101 02/18-04/11
 FAST TRACK +9 TOTAL HRS ARR

ESL 042 Pronunciation and Conversation IV 2 Units

Prerequisite: Placement is based on multiple assessment measures.
 Strongly recommended: For students enrolled in ESL Level 4 core courses.
 A course for high intermediate students in comprehension and communication of spoken English. Emphasis is on building confidence in oral expression, refining pronunciation and reducing accent. 36 lecture hours.
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30698 Cross, C. MTWR 01:05 PM-02:10 PM AN 102 04/20-06/13
 FAST TRACK

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.

30699 Tucker, C. MTWR 09:55 AM-11:00 AM ED 201 02/18-04/11
 FAST TRACK
 30700 Seccombe, J. MTWR 09:55 AM-11:00 AM AN 101 04/20-06/13
 FAST TRACK

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.

30701 Guebert, T. MTWR 11:40 AM-12:45 PM AN 101 02/18-04/11
 FAST TRACK +9 TOTAL HRS ARR
 30702 Tucker, C. MTWR 11:40 AM-12:45 PM ED 201 04/20-06/13
 FAST TRACK +9 TOTAL HRS ARR

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.

30703 Murphy, J. MW 01:05 PM-02:10 PM AN 101 02/18-06/13

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.

30705 Tucker, C. MTWR 09:55 AM-11:00 AM ED 201 04/20-06/13
 FAST TRACK
 30704 Cross, C. TR 11:40 AM-12:45 PM AN 102 02/18-06/13

ESL 056 Grammar Review II 2 Units

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.

30707 Guebert, T. MTWR 11:40 AM-12:45 PM AN 101 04/20-06/13
 FAST TRACK +9 TOTAL HRS ARR
 30706 Cross, C. MW 11:40 AM-12:45 PM AN 102 02/18-06/13
 +9 TOTAL HRS ARR

ESL 070 American Idioms I 1 Units

A course for intermediate ESL students. The course is designed to introduce to students the most frequently occurring idiomatic expressions, which in the colloquial speech are often heard outside the classroom. 18 lecture hours.

30708 Guebert, T. TR 08:00 AM-09:05 AM AN 102 04/20-06/13
 FAST TRACK

ESL 100 Fundamentals of Composition 4 Units

Prerequisite: ESL 040 or placement in ESL level 5 based on multiple assessment measures.
 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, 18 lab hours.
 UC

30709 Cross, C. MW 09:15 AM-11:20 AM AN 102 02/18-06/13
 +18 TOTAL HRS ARR
 30710 Guebert, T. TR 01:05 PM-03:10 PM AN 101 02/18-06/13
 +18 TOTAL HRS ARR

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ESL 101 Reading and Composition 3 Units

Prerequisite: ESL 100 or placement in ESL Level 6 based on multiple assessment measures. A composition and reading course. Instruction and practice in expository writing and research techniques. The course content parallels ENGL 101, differing in that the reading is non-fiction. 54 lecture hours, 18 lab hours. CSU UC

30713	Tucker, C.	MW	01:05 PM-02:30 PM	ED 201	02/18-06/13
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+18 TOTAL HRS ARR

Forestry

FOR 101 Introduction to Forestry 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30404	Goodman, R.	R	08:10 AM-11:20 AM	PC 314	02/18-06/13
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FOR 103 Plant Identification 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A course examining plant identification with emphasis on wildland plants. Other topics include plant physiology, taxonomy, plant communities and plant adaptations. 36 hours lecture, 54 lab hours. CSU

30405	Goodman, R.	T	07:00 AM-11:15 AM	PC 314	02/18-06/13
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FOR 104 Introduction to Outdoor Recreation 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Covers the historic development of recreation and the role of the federal, state and local government in outdoor recreation. Other topics include economic impact, supply and demand, private enterprise, education, planning and management within the realm of recreation. 54 lecture hours. CSU

30406	Goodman, R.	T	07:00 PM-10:10 PM	PC 314	02/18-06/13
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French

FREN 101 FRENCH I 4 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A course in elementary French grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple French and serves as an introduction to the geography, history, and culture of the French-speaking world. 72 lecture hours, 18 lab hours. CSU UC

30589	Hart, J.	MW	05:05 PM-07:10 PM	LB 106	02/18-06/13
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+18 TOTAL HRS ARR

FREN 102 French II 4 Units

Prerequisite: FREN 101 or one year of high school French. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A further study of the elementary French grammar and vocabulary which develops understanding, speaking, reading, and writing skills. Includes additional study of French. 72 lecture hours, 18 lab hours. CSU UC

30590	Hart, J.	MW	07:20 PM-09:25 PM	LB 106	02/18-06/13
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+18 TOTAL HRS ARR

FREN 201 French III 4 Units

Prerequisite: FREN 102 or two years of high school French. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A course that introduces intermediate level French curriculum by presenting more advanced vocabulary, grammatical concepts, and cultural perspectives. Affords opportunities to apply communication skills to new social, professional, and travel contexts. Reading strategies and fundamentals of formal composition are introduced in conjunction with short, level-appropriate literary selections. 72 lecture hours. CSU UC

30591	Hart, J.	MW	07:20 PM-09:25 PM	LB 106	02/18-06/13
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FREN 202 French IV 4 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A course emphasizing the development of effective skills for reading, understanding, and interpreting more advanced readings in French literature and culture. Extensive practice in oral and written expression at the intermediate-high level provided. Grammatical concepts are thoroughly reviewed and expanded. 72 lecture hours. CSU UC

30592	Hart, J.	MW	07:20 PM-09:25 PM	LB 106	02/18-06/13
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Geography, Cultural

GEOG 102 Cultural Geography 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A study of the patterns of human occupation and land use over the earth's surface and their co-relation with the natural environment. Particular emphasis will be given to agricultural and industrial economics, settlement patterns and population studies. 54 lecture hours. CSU UC

30963	Ghandhi, L.		HRS-ARRG		02/18-06/13
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German

GER 101 German I 4 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 72 lecture hours, 18 lab hours. CSU UC

30593	Cloughly, C.	TR	07:20 PM-09:25 PM	TC 127	02/18-06/13
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+18 TOTAL HRS ARR

GER 102 German II 4 Units

Prerequisite: GER 101 or one year high school German. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A further study of elementary German grammar which develops understanding, speaking, reading and writing skills. Includes German culture. 72 lecture hours, 18 lab hours. CSU UC

30594	Cloughly, C.	TR	05:05 PM-07:10 PM	TC 127	02/18-06/13
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+18 TOTAL HRS ARR

GER 201 German III 4 Units

Prerequisite: GER 102 or two years of high school German. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. A course introducing the student to German literature and culture through a series of readings by contemporary German authors. Extensive practice in oral and written expression is provided. Grammatical concepts are thoroughly reviewed and expanded. 72 lecture hours. CSU UC

30595	Cloughly, C.	TR	05:05 PM-07:10 PM	TC 127	02/18-06/13
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GER 202 German IV 4 Units

Prerequisite: GER 201 or three years of high school German. Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 72 lecture hours. CSU UC

30596	Cloughly, C.	TR	05:05 PM-07:10 PM	TC 127	02/18-06/13
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Health Sciences

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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HEAL 100 Emergency Medical Services Career Preparation 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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 knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification and first aid certificate for healthcare providers. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program. This course may be taken two times. 36 lecture hours, 54 lab hours.

30051	Rickman, T.	R	04:00 PM-09:20 PM	TC 230	02/18-06/13
30040	Hadsell, C.		HRS-ARRG		02/18-06/13

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HEAL 105 Hospital Unit Coordinator 5 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Provides information needed to perform secretarial or clerical duties on a nursing unit in a hospital setting. 72 lecture hours, 54 lab hours.

30067	Randolph, S.	MW	06:00 PM-09:35 PM	TC 228	02/18-06/13
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HEAL 161 Emergency Medical Technician - Basic 7 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 The entry-level course in emergency training for those involved in Emergency Medical Services. 108 lecture hours, 54 lab hours.

30093	Hadsell, C.	MW	05:00 PM-09:50 PM	TC 230	02/18-06/13
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Four hours in-service at a local community emergency department/ambulance service per week.

31412	Baldrige, R.	R	08:00 AM-06:05 PM	PC 314	02/18-06/13
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Four hours in-service at a local community emergency department/ambulance service per week.

30084	Hadsell, C.	F	08:00 AM-06:05 PM	TC 230	02/18-06/13
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Four hours in-service at a local community emergency department/ambulance service per week.

Heating & Air Conditioning

HEAT 170 Air Conditioning I 2 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Topics will include fundamentals of refrigeration theory and practice, introductory basic electricity, service of refrigeration equipment and accessories including compressors, condensers, evaporators, and metering devices. Review for EPA exam. 36 lecture hours, 18 lab hours.

30172	Fallat, P.	T	06:00 PM-09:10 PM	DT 102	02/18-06/13
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HEAT 182 Heating-Electrical and Gas 2 Units

This course includes absorption systems, heating and humidifying, also heat load and heat pump systems, systems controls, boilers, and instruments. Prepares students for EPA exam. 36 lecture hours, 18 lab hours.

30175	Toda, J.	R	06:00 PM-09:10 PM	DT 102	02/18-06/13
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HEAT 184 Electricity for Heating and Air Conditioning 2 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A course in electricity covering the functions and operations of electric motors and controls used in mechanical systems. 36 lecture hours, 18 lab hours.

30600	Morales, E.	W	06:00 PM-09:10 PM	DT 102	02/18-06/13
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History

HIST 103 History of World Civilization up to 1500 CE 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31119	Lubisch, S.	MW	08:20 AM-09:45 AM	LB 103	02/18-06/13
31120	Zaharek, J.	MW	11:30 AM-12:55 PM	TA 414	02/18-06/13
31121	Lubisch, S.	TR	01:05 PM-02:30 PM	LB 303	02/18-06/13
31124	Lubisch, S.		HRS-ARRG		04/20-06/13

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31123	Lubisch, S.		HRS-ARRG		02/18-06/13
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HIST 103H History of World Civilization up to 1500 3 Units

Strongly recommended: READ 099 if reading placement exam or if required by reading level.
 The course is a survey of emerging regional cultures and societies from the earliest civilizations to 1500. Consideration will be given to comparative and integrative analysis of their contributions to the fabric of world civilization. Particular focus will be given to cultural evolutionary parallels and the diffusion of ideas through migration and trade on a global scale. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of historical readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU UC

31122	Lubisch, S.	R	03:40 PM-06:50 PM	P3 100	02/18-06/13
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HIST 104 History of World Civilization since 1500 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31125	Lubisch, S.	T	03:40 PM-06:50 PM	LB 306	02/18-06/13
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31126	Lubisch, S.		HRS-ARRG		02/18-06/13
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HIST 107 Political and Social History of the United States 3 Units

Strongly recommended: ENGL 100.
 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

31137	Soremekun, F.	MW	08:20 AM-09:45 AM	LB 104	02/18-06/13
31138	Soremekun, F.	MW	11:30 AM-12:55 PM	LB 104	02/18-06/13
31141	Waddington, B.	MW	01:05 PM-02:30 PM	P3 105	02/18-06/13
31142	Lewis, D.	MW	03:50 PM-05:15 PM	LB 303	02/18-06/13
31144	Soremekun, F.	TR	09:55 AM-11:20 AM	LB 104	02/18-06/13
31145	Waddington, B.	TR	01:05 PM-02:30 PM	P3 105	02/18-06/13
31147	Woolsey, R.	T	03:40 PM-06:50 PM	LB 303	02/18-06/13
31149	Zeman, W.	F	11:30 AM-02:40 PM	LB 310	02/18-06/13

31151	Solheim, B.		HRS-ARRG		04/20-06/13
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31150	Waddington, B.		HRS-ARRG		02/18-06/13
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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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HIST 108 Political and Social History of the United States 3 Units

Strongly recommended: ENGL 100.
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

31321	Solheim, B.	MW	08:20 AM-09:45 AM	LB 102	02/18-06/13
31322	Soremekun, F.	MW	09:55 AM-11:20 AM	LB 104	02/18-06/13
31324	Solheim, B.	TR	09:55 AM-11:20 AM	LB 310	02/18-06/13
31325	Waddington, B.	TR	11:30 AM-12:55 PM	LB 306	02/18-06/13
31323	Solheim, B.	TR	11:30 AM-12:55 PM	LB 302	02/18-06/13
31326	Culp, J.	TR	03:50 PM-05:15 PM	LB 103	02/18-06/13
31328	Telesca, M.	M	07:00 PM-10:10 PM	LB 104	02/18-06/13
31329	Soremekun, F.	T	07:00 PM-10:10 PM	LB 104	02/18-06/13
31327	Korn, D.	W	03:40 PM-06:50 PM	TA 414	02/18-06/13
31330	Soremekun, F.	W	07:00 PM-10:10 PM	LB 104	02/18-06/13
31331	Soremekun, F.	R	07:00 PM-10:10 PM	LB 104	02/18-06/13

31333	Lewis, D.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					
31334	Waddington, B.	HRS-ARRG			04/20-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					
31332	Solheim, B.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

HIST 127 Spanish Civilization 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
Spanish Life and Culture provides an interdisciplinary global understanding of the culture and history of Spain. The course critically analyzes contemporary Spanish society by examining the social and historical traditions and institutions that shape the Spanish way of life in the 20th century. This course is the same as SPAN 127. Offered for Credit/No Credit or letter grade. 54 lecture hours. CSU/UC CSU

30828	Afzali, A.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

HIST 139 History of California 3 Units

Strongly recommended: ENGL 100.
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

31025	Waddington, B.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

HIST 155 History of the Vietnam War 3 Units

Strongly recommended: ENGL 100.
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

31026	Solheim, B.	MW	11:30 AM-12:55 PM		02/18-06/13
Learning Communities Class.					

31027	Solheim, B.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

HIST 222 History of World War II 3 Units

An examination of the circumstances and events leading to US entry into World War II. The course will focus on American involvement in World War II, but will also examine the systemic fracturing of the world order through the rise of Japanese, German, and Italian imperialism, assess the impact of the worldwide economic depression in the 1930's, military strategies and conduct, and analyze the impact of the war on the homefront, as well as, the long-term effects on American policy and the world. 54 lecture hours. CSU UC

31029	Nelson, S.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

Humanities

HUM 101 Humanities 3 Units

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

The humanities are approached on four levels: art, music, literature, and philosophy. Includes the beginnings in Egypt, Babylonia, and Greece and proceeds chronologically to the medieval period. 54 lecture hours. CSU UC

31017	Zaharek, J.	MW	08:20 AM-09:45 AM	TA 414	02/18-06/13
31018	Evans, R.	MW	11:30 AM-12:55 PM	LB 103	02/18-06/13
31021	Zaharek, J.	R	03:40 PM-06:50 PM	TA 414	02/18-06/13

HUM 101H Humanities 3 Units

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

The humanities are approached on four levels: art, music, literature, and philosophy. Includes the beginnings in Egypt, Babylonia, and Greece and proceeds chronologically to the Medieval period. A critical in-depth reading of several primary sources is conducted in a discussion format. 54 lecture hours. CSU UC

31339	Zaharek, J.	T	03:40 PM-06:50 PM	P3 100	02/18-06/13
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HUM 102 Humanities 3 Units

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

The humanistic studies are approached on four levels: art, music, literature, and philosophy. Begins with the Renaissance and moves to the mid 19th century period. 54 lecture hours. CSU UC

31022	Schulte, F.	MW	05:25 PM-06:50 PM	LB 104	02/18-06/13
31023	Evans, R.	TR	11:30 AM-12:55 PM	LB 103	02/18-06/13

Japanese

JPN 101 Japanese I 4 Units

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

A course in elementary Japanese grammar, vocabulary, and pronunciation which aims at understanding, speaking, reading, and writing simple Japanese and serves as an introduction to Japanese geography and culture. This course may be taken three times. 72 lecture hours, 18 lab hours. CSU UC

30597	Desmond, Y.	TR	03:50 PM-05:55 PM	LB 106	02/18-06/13
+18 TOTAL HRS ARR					

JPN 102 Japanese II 4 Units

Prerequisite: JPN 101 or one year 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. This course may be taken three times. 72 lecture hours, 18 lab hours. CSU UC

31405	Desmond, Y.	TR	06:05 PM-08:10 PM	LB 106	02/18-06/13
+18 TOTAL HRS ARR					

Mathematics

MATH 017 Basic Math and Study Skills 3 Units

This course focuses on building whole number arithmetic skills to prepare students for MATH 020. This course covers arithmetic operations on whole numbers, a brief introduction to fractions and decimals, and incorporates study skills for success in mathematics courses. 54 lecture hours.

30338	Swatzel, J.	MTWR	08:20 AM-09:45 AM	ES 610	02/18-04/11
Fast Track Class.					

30342	Nguyen, C.	MW	05:25 PM-06:50 PM	MA 124	02/18-06/13
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30343	Chun, M.	TR	08:20 AM-09:45 AM	MA 230	02/18-06/13
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30340	Le, T.	TR	11:30 AM-12:55 PM	MA 126	02/18-06/13
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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MATH 020 Arithmetic Fundamentals 3 Units

Prerequisite: Placement is based on multiple on multiple assessment measures or completion of MATH 017.

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

The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. 54 lecture hours.

30348	Swatzel, J.	MTWR	08:20 AM-09:45 AM	ES 610	04/20-06/13
30356	Medrano, E.	MTWR	09:55 AM-11:20 AM	MA 207	02/18-04/11
30363	Low, J. Fast Track Class.	MTWR	01:05 PM-02:30 PM	MA 230	02/18-04/11
30358	Everest, R.	MW	09:55 AM-11:20 AM	MA 124	02/18-06/13
30370	Nguyen, T.	MW	05:25 PM-06:50 PM	MA 230	02/18-06/13
30353	Medrano, E.	TR	08:20 AM-09:45 AM	MA 222	02/18-06/13
30361	Low, J.	TR	09:55 AM-11:20 AM	MA 222	02/18-06/13
30367	Chun, M.	TR	11:30 AM-12:55 PM	MA 124	02/18-06/13
30365	Trad, M.	TR	01:05 PM-02:30 PM	ES 610	02/18-06/13

MATH 029 Pre-Algebra 3 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of MATH 020.

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 54 lecture hours, 36 lab hours.

30388	Medrano, E. Fast Track Class.	MTWR	09:55 AM-11:20 AM	MA 207	04/20-06/13
30389	Low, J. + 36 TOTAL HRS ARRG	MTWR	01:05 PM-02:30 PM	MA 230	04/20-06/13
30390	Medrano, E. + 36 TOTAL HRS ARRG	MW	08:20 AM-09:45 AM	MA 222	02/18-06/13
30391	Low, J. + 36 TOTAL HRS ARRG	MW	09:55 AM-11:20 AM	MA 222	02/18-06/13
31382	Casey, D.	MW	11:30 AM-12:55 PM	MA 124	02/18-06/13
31356	Swatzel, J. Learning Communities Class. + 36 TOTAL HRS ARRG	MW	11:30 AM-12:55 PM	ES 616	02/18-06/13
30392	Paek, H. + 36 TOTAL HRS ARRG	MW	01:05 PM-02:30 PM	MA 223	02/18-06/13
30394	Alvarado, N. + 36 TOTAL HRS ARRG	MW	05:25 PM-06:50 PM	MA 206	02/18-06/13
30395	Nalbandyan, Z. + 36 TOTAL HRS ARRG	MW	07:00 PM-08:25 PM	MA 126	02/18-06/13
30413	Tseng, K. + 36 TOTAL HRS ARRG	TR	07:15 AM-08:40 AM	MA 124	02/18-06/13
30414	Gutierrez, J. + 36 TOTAL HRS ARRG	TR	08:20 AM-09:45 AM	LB 105	02/18-06/13
30421	Swatzel, J. Learning Communities Class. + 36 TOTAL HRS ARRG	TR	09:55 AM-11:20 AM	LB 105	02/18-06/13
30423	Casey, D. + 36 TOTAL HRS ARRG	TR	11:30 AM-12:55 PM	MA 109	02/18-06/13
31407	Paek, H. + 36 TOTAL HRS ARRG	TR	11:30 AM-12:55 PM	MA 223	02/18-06/13
30424	Rahman, M. + 36 TOTAL HRS ARRG	TR	05:25 PM-06:50 PM	MA 206	02/18-06/13

MATH 115 Business Mathematics 3 Units

Placement is based on multiple assessment measures including cut-scores or successful completion of MATH 029.

Mathematics to solve typical business problems including; banking, discounts, markups, payroll, simple and compound interest, annuities, sinking funds, buying, financial reports, depreciation, inventory, taxes, insurance, stocks, and statistics. Computer assignments using Excel (or a similar application) will be used to cover many of the course topics. 36 lecture hours, 90 lab hours.

30426	Mon, G. + 36 TOTAL HRS ARRG	TR	07:00 PM-09:30 PM	MA 130	02/18-06/13
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MATH 130 Elementary Algebra 4 Units

Prerequisite: Placement is based on multiple assessment measures or completion of MATH 029 with min. grade of C.

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

30429	White, S.	MTWR	07:00 AM-08:10 AM	MA 108	02/18-06/13
30428	Casey, D.	MTWR	08:30 AM-09:40 AM	MA 126	02/18-06/13
30430	Tussy, A.	MTWR	11:30 AM-12:40 PM	MA 207	02/18-06/13
30431	Low, J.	MTWR	11:35 AM-12:45 PM	MA 222	02/18-06/13
30433	Morrison, J.	MW	07:15 AM-09:45 AM	MA 223	02/18-06/13
30435	Trad, M. Learning Communities Class.	MW	08:20 AM-10:50 AM	LB 105	02/18-06/13
30449	Gutierrez, J.	MW	08:30 AM-11:00 AM	MA 109	02/18-06/13
30513	Gong, C.	MW	09:55 AM-12:25 PM	MA 126	02/18-06/13
30515	Morrison, J.	MW	10:10 AM-12:40 PM	MA 223	02/18-06/13
30516	Gong, C.	MW	01:05 PM-03:35 PM	MA 124	02/18-06/13
30517	Swan, A.	MW	01:05 PM-03:35 PM	MA 207	02/18-06/13
30522	Wang, K.	MW	02:40 PM-05:10 PM	MA 109	02/18-06/13
30520	Morrison, J.	MW	02:45 PM-05:15 PM	MA 223	02/18-06/13
30521	Trad, M.	MW	03:50 PM-06:20 PM	MA 108	02/18-06/13
30525	Riderer, L.	MW	07:40 PM-10:10 PM	MA 124	02/18-06/13
30527	Kim, E.	MWF	08:10 AM-09:45 AM	ES 616	02/18-06/13
30427	Abbassi, A.	TR	07:00 AM-09:30 AM	ES 616	02/18-06/13
30528	Trad, M.	TR	08:30 AM-11:00 AM	MA 125	02/18-06/13
30530	Scott, C.	TR	11:30 AM-02:00 PM	MA 130	02/18-06/13
30531	Paek, H.	TR	02:00 PM-04:30 PM	MA 125	02/18-06/13
30536	Scott, C.	TR	07:00 PM-09:30 PM	MA 124	02/18-06/13
30432	Medrano, E.	F	08:00 AM-01:15 PM	MA 207	02/18-06/13

MATH 131 Plane Geometry 4 Units

Prerequisite: MATH 130.

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.

30537	White, S.	MW	11:55 AM-02:00 PM	MA 109	02/18-06/13
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MATH 148 Intermediate Algebra I 2.5 Unit

Prerequisite: MATH 129 or 130.

Presents the first half of a two-semester alternative to intermediate algebra. (MATH 150). Real number properties, first degree equations and inequalities, absolute value equations and inequalities, applications, polynomials, the binomial theorem, factoring, rational expressions, exponents, radicals, and complex numbers. 54 lecture hours.

NOTE: BOTH MATH 148 AND MATH 149 MUST BE COMPLETED TO SATISFY A MATH 150 PREREQUISITE. MAY NOT BE TAKEN CONCURRENTLY WITH MATH 149 OR MATH 150.

30542	White, S.	TR	08:20 AM-09:45 AM	MA 108	02/18-06/13
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MATH 149 Intermediate Algebra II 2.5 Unit

Prerequisite: MATH 148.

Presents the second half of a two-semester course in intermediate algebra. This course enables students to complete Intermediate Algebra (MATH 150) at a slower pace. Quadratic equations, applications, formulas, linear equations and inequalities, variation, functions, linear systems, conics, inverse functions, exponential, and logarithmic functions. 54 lecture hours.

NOTE: BOTH MATH 148 AND MATH 149 MUST BE COMPLETED TO SATISFY ANY PREREQUISITE REQUIRING INTERMEDIATE ALGEBRA. THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH MATH 150. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150.

30543	White, S.	MW	08:20 AM-09:45 AM	MA 108	02/18-06/13
30547	Gong, C.	TR	09:55 AM-11:20 AM	MA 126	02/18-06/13

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
MATH 150 Intermediate Algebra 5 Units											
Prerequisite: MATH 129 or 130.											
Real number properties, first degree equations and inequalities, absolute value equations and inequalities, applications, polynomials, the binomial theorem, factoring, rational expressions, exponents, radicals, complex numbers, quadratic equations, applications, formulas, linear equations and inequalities, variation, functions, linear systems, conics, inverse functions, 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.											
30550	Swan, A.	MTWR	07:00 AM-08:10 AM	MA 130	02/18-06/13	30857	Swan, A. + 36 TOTAL HRS ARRG	TR	09:15 AM-11:20 AM	MA 130	02/18-06/13
30555	Tussy, A.	MTWR	07:00 AM-08:10 AM	MA 207	02/18-06/13	30858	Gutierrez, J. + 36 TOTAL HRS ARRG	TR	10:05 AM-12:10 PM	MA 108	02/18-06/13
30557	Tussy, A.	MTWR	08:30 AM-09:40 AM	MA 207	02/18-06/13	30859	Anderson, B. + 36 TOTAL HRS ARRG	TR	11:30 AM-01:35 PM	MA 125	02/18-06/13
30561	Cummins, S.	MTWR	10:00 AM-11:10 AM	MA 230	02/18-06/13	30860	Anderson, B. + 36 TOTAL HRS ARRG	TR	03:00 PM-05:05 PM	MA 130	02/18-06/13
30567	Cummins, S.	MTWR	11:30 AM-12:40 PM	MA 230	02/18-06/13	30861	Zhuang, Y. + 36 TOTAL HRS ARRG	TR	07:00 PM-09:05 PM	MA 207	02/18-06/13
30574	Zhuang, Y.	MTWR	11:35 AM-12:45 PM	MA 206	02/18-06/13	30855	Swan, A. + 36 TOTAL HRS ARRG	S	08:00 AM-12:30 PM	MA 125	02/18-06/13
30580	Gonzalez, R.	MTWR	02:40 PM-03:50 PM	MA 230	02/18-06/13	31385	Tippins, R. DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de LATE START		HRS-ARRG		03/16-06/13
30583	Trad, M.	MW	01:05 PM-03:35 PM	MA 126	02/18-06/13	30798	Tippins, R. DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de		HRS-ARRG		02/18-06/13
30582	Zhuang, Y.	MW	01:05 PM-03:35 PM	MA 108	02/18-06/13	MATH 168 Mathematics for Elementary Teachers I 3 Units					
30599	Everest, R.	MW	01:05 PM-03:35 PM	MA 206	02/18-06/13	Prerequisite: MATH 150. Course is designed for prospective elementary teachers. The course covers sets, logic, number systems, number theory and algebra functions. Techniques in instructional delivery explored. 54 lecture hours, 18 lab hours. CSU					
30604	Nguyenhuu, R.	MW	07:40 PM-10:00 PM	MA 108	02/18-06/13	30862	Gong, C.	TR	01:05 PM-03:10 PM	MA 223	02/18-06/13
30621	Everest, R.	TR	08:50 AM-11:20 AM	MA 124	02/18-06/13	MATH 169 Mathematics for Elementary Teachers II 3 Units					
30623	Nguyenhuu, R.	TR	08:50 AM-11:20 AM	MA 223	02/18-06/13	Prerequisite: MATH 168. Second class for elementary school teachers. Course covers topics in measurement, geometry, probability and statistics. Techniques in the design of instruction delivery will be explored. 54 lecture hours, 18 lab hours. CSU UC					
30627	Nguyenhuu, R.	TR	01:05 PM-03:35 PM	MA 109	02/18-06/13	30863	Everest, R.	TR	01:05 PM-03:10 PM	MA 206	02/18-06/13
30625	Zhuang, Y.	TR	01:05 PM-03:35 PM	MA 108	02/18-06/13	MATH 170 College Algebra 3 Units					
30619	Alvarado, N.	TR	03:50 PM-06:20 PM	MA 223	02/18-06/13	Prerequisite: MATH 149 or MATH 150. Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 54 lecture hours. CSU UC					
30628	Zhuang, Y.	TR	04:20 PM-06:50 PM	MA 109	02/18-06/13	30872	Cummins, S.	MW	08:20 AM-09:45 AM	MA 230	02/18-06/13
30620	Leung, S.	TR	07:00 PM-09:30 PM	MA 108	02/18-06/13	30864	Kramer, H.	MW	11:30 AM-12:55 PM	ES 610	02/18-06/13
MATH 151 Plane Trigonometry 4 Units						MATH 175 Pre-Calculus 4 Units					
Prerequisite: MATH 131 and MATH 149 or MATH 150.						Prerequisite: MATH 151.					
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; exponential and logarithmic functions. 72 lecture hours. CSU						Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; mathematical induction. 72 lecture hours. CSU UC					
30631	Gonzalez, R.	MTWR	08:30 AM-09:40 AM	MA 206	02/18-05/29	30876	Tippins, R.	MW	01:05 PM-03:10 PM	MA 125	02/18-06/13
30635	Gonzalez, R.	MTWR	09:55 AM-11:05 AM	MA 206	02/18-05/29	30877	Scott, C.	MW	05:25 PM-07:30 PM	MA 109	02/18-06/13
31340	Casey, D.	TR	01:05 PM-03:10 PM	MA 126	02/18-06/13	30878	Tippins, R.	TR	08:30 AM-10:35 AM	MA 109	02/18-06/13
31341	Riderer, L.	TR	07:00 PM-09:05 PM	MA 126	02/18-06/13	MATH 190 Calculus with Analytic Geometry I 4 Units					
MATH 160 Survey of Mathematics 3 Units						Prerequisite: MATH 175. 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					
Prerequisite: MATH 149 or MATH 150.						30879					
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. 45 lecture hours, 27 lab hours. CSU						Gonzalez, R.					
30765	Anderson, B.	MW	10:50 AM-12:55 PM	MA 108	02/18-06/13	31342	Nguyenhuu, R. Fast Track Class.	MW	03:20 PM-07:30 PM	MA 125	02/18-04/11
MATH 162 Introductory Mathematical Analysis 4 Units						30880					
Prerequisite: MATH 149 OR 150.						Nguyenhuu, R.					
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						TR					
30769	Paek, H.	MW	10:00 AM-12:05 PM	MA 125	02/18-06/13	04:45 PM-06:50 PM					
30770	Paek, H.	TR	07:00 PM-09:05 PM	MA 125	02/18-06/13	MA 126					
MATH 165 Introductory Statistics 4 Units											
Prerequisite: MATH 149 or MATH 150.											
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, 36 lab hours. CSU UC											
30795	Swan, A. + 36 TOTAL HRS ARRG	MW	09:15 AM-11:20 AM	MA 130	02/18-06/13						
30804	Gutierrez, J. + 36 TOTAL HRS ARRG	MW	11:30 AM-01:35 PM	MA 130	02/18-06/13						
30844	Anderson, B. + 36 TOTAL HRS ARRG	MW	03:00 PM-05:05 PM	MA 130	02/18-06/13						
31408	Fischer, R. + 36 TOTAL HOURS ARRG	MW	07:00 PM-09:05 PM	MA 206	02/18-06/13						

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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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

31343	Riderer, L.	MW	03:20 PM-07:30 PM	MA 125	04/20-06/13
<i>Fast Track Class.</i>					
30881	Riderer, L.	TR	04:45 PM-06:50 PM	MA 125	02/18-06/13

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

30882	Riderer, L.	TR	02:35 PM-04:40 PM	LB 105	02/18-06/13
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MATH 211 Differential Equations 4 Units

Prerequisite: MATH 210.
First and Second Order (Linear and Non-linear) Differential Equations, with emphasis on modeling applications. Numerical Methods. Basic Linear Algebra. Systems of Linear and Non-linear Differential Equations and their applications. Application of Linear Algebra to Systems. Power Series Methods. 72 lecture hours, 18 lab hours. CSU UC

30883	Swatzel, J.	TR	01:05 PM-03:35 PM	MA 124	02/18-06/13
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Medium&Heavy Diesel Truck Tech

MTRK 230 Diesel Medium/Heavy Truck Technology II 11 Units

The study of the diesel power plant and all systems related to engine operation including cooling, fuel, exhaust, lubrication and filtration. The study will include electrical theory and operation of electrical components that make up the complete power plant necessary for engine and vehicle operations. This course may be taken two times. 108 lecture hours, 270 lab hours.

30134	Cornett, W.	MTWR	07:30 AM-01:05 PM	DT 100	02/18-06/13
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Music

MUS 100 Musicianship 2 Units

Corequisite: Concurrent enrollment required in MUS 102.
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

30050	Galvan, A.	MW	09:55 AM-11:20 AM	VT 208	02/18-06/13
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MUS 101 Musicianship 2 Units

Prerequisite: MUS 100 and 102.
Corequisite: Concurrent enrollment required in MUS 103.
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

30089	Eisel, G.	TR	08:20 AM-09:25 AM	VT 319	02/18-06/13
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MUS 102 Harmony 3 Units

Corequisite: Concurrent enrollment required in MUS 100.
Strongly recommended: MUS 112.
An introductory class in music theory for the music major. Study of scales, intervals, chord types, and harmonic progression. Required of all music majors. 54 lecture hours. CSU UC

30156	Hoehne, W.	MW	08:20 AM-09:25 AM	VT 319	02/18-06/13
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MUS 103 Harmony 3 Units

Prerequisite: MUS 102.
Corequisite: Concurrent enrollment required in MUS 101.
Continuation of materials and skills developed in Music 102. Additional study and analysis of scales, intervals, chord types and harmonic progression. Required of all music majors. 54 lecture hours. CSU UC

30163	Eisel, G.	MW	08:20 AM-09:45 AM	PA 193	02/18-06/13
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MUS 105 Elementary Piano I 2 Units

For the beginning music student or non-music major. Covers all basic elements in elementary piano, including music reading, rhythm studies, technique, and scales. 36 lecture hours. CSU UC

30538	Green, M.	MW	11:30 AM-12:35 PM	VT 319	02/18-06/13
30544	Green, M.	TR	11:30 AM-12:35 PM	VT 319	02/18-06/13
30546	Sun, W.	W	06:00 PM-08:05 PM	VT 319	02/18-06/13

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

30165	Langford, W.	TR	08:20 AM-09:45 AM	PA 193	02/18-06/13
30167	Langford, W.	HRS-ARRG			02/18-06/13
<i>DISTANCE EDUCATION CLASS. Mandatory on-campus orientation. Please consult website for date and location. After registering go to www.citruscollege.edu/de.</i>					

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 hours. CSU UC

30176	Galvan, A.	MW	11:30 AM-12:55 PM	VT 320	02/18-06/13
<i>+16 TOTAL HRS ARRANGED</i>					
30177	Galvan, A.	MW	01:05 PM-02:30 PM	VT 319	02/18-06/13
<i>+16 TOTAL HRS ARR</i>					
30178	Galvan, A.	TR	08:20 AM-09:45 AM	VT 215	02/18-06/13
<i>+ 16 TOTAL HRS ARR</i>					

MUS 113 History of Rock and Roll 3 Units

This course focuses on the rock musician, the music and the manner in which sociological, political, and economic conditions merged in the evolution of this art form. Listening and classroom discussion will be stressed. 54 lecture hours. CSU UC

30192	Eisel, G.	MW	11:30 AM-12:55 PM	PA 133	02/18-06/13
30193	Eisel, G.	MW	01:05 PM-02:30 PM	PA 133	02/18-06/13
30194	Eisel, G.	TR	11:30 AM-12:55 PM	PA 133	02/18-06/13
30195	Eisel, G.	T	07:00 PM-10:10 PM	PA 133	02/18-06/13

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

30196	Langford, W.	TR	11:30 AM-12:55 PM	PA 193	02/18-06/13
30200	Langford, W.	TR	01:05 PM-02:30 PM	PA 193	02/18-06/13
30204	Langford, W.	HRS-ARRG			02/18-06/13
<i>DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de</i>					
<i>Mandatory Orientation. Please consult website for date and location.</i>					
30206	Langford, W.	HRS-ARRG			04/20-06/13
<i>LATE START CLASS. DISTANCE EDUCATION CLASS. After registering go to ww.citruscollege.edu/de.</i>					
<i>Mandatory orientation, please consult website for date and location.</i>					

MUS 115 Voice 2 Units

Special attention given to beginners with emphasis on basic elements necessary for good singing. This course may be taken four times. 36 lecture hours, 18 lab hours. CSU UC

30568	Green, M.	MW	10:15 AM-11:20 AM	VT 215	02/18-06/13
<i>+16 TOTAL HRS ARR</i>					
30560	Green, M.	MW	02:35 PM-03:45 PM	PA 192	02/18-06/13
<i>+16 TOTAL HRS ARR</i>					
30565	Green, M.	TR	10:00 AM-11:05 AM	PA 193	02/18-06/13
<i>+ 16 TOTAL HRS ARR</i>					

MUS 119 Concert Choir II 3 Units

A more in-depth study of standard choral literature: special attention is given to tone productions, phrasing, and interpretation. Participation in public performances is required. This course may be taken four times. 36 lecture hours, 54 lab hours. CSU UC

30569	Green, M.	TR	01:05 PM-02:30 PM	PA 133	02/18-06/13
<i>+ 32 TOTAL HRS ARR</i>					

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
MUS 122	Beginning Guitar I				2 Units						
Stringing, tuning, fingering, playing techniques, notation, chords and chord progression, reading guitar music, playing simple melodies and accompaniment. 36 lecture hours. CSU UC											
30571	Hirschelman, E.	MW	11:30 AM-12:35 PM	PA 192	02/18-06/13						
30572	Hirschelman, E.	W	03:50 PM-05:55 PM	PA 192	02/18-06/13						
MUS 123	Beginning Guitar II				2 Units						
Prerequisite: MUS 122. This course continues the development of skills begun in MUS 122. In addition, the following areas are covered: barre-chords, additional accompaniment techniques, major and minor scale patterns in first position. 36 lecture hours. CSU UC											
30573	Hynes, T.	TR	11:30 AM-12:35 PM	PA 192	02/18-06/13						
MUS 124	Intermediate Guitar				2 Units						
Prerequisite: MUS 123. Instruction in scales, chords, and arpeggios in all keys and positions. Improvising, accompanying, sight reading, transposing and performing of popular and classical styles. 36 lecture hours. CSU UC											
30788	Hirschelman, E.	W	06:00 PM-08:05 PM	PA 192	02/18-06/13						
MUS 125	Intermediate Guitar				2 Units						
Prerequisite: MUS 124. This course is a continuation of the first semester intermediate guitar (MUS 124). In addition, the following areas are covered: solo guitar playing, guitar literature and ensemble playing. 36 lecture hours. CSU UC											
30789	Hirschelman, E.	W	06:00 PM-08:05 PM	PA 192	02/18-06/13						
MUS 126	Chamber Singers II				4 Units						
Prerequisite: Audition. This course includes the study and performance of composition for the small vocal ensemble. Primary focus on compositions of the 20th-century with specifics on popular music styles through the century. Public performance required. This course may be taken four times. 36 lecture hours, 126 lab hours. CSU UC											
30848	Shrope, D.	MTWR	09:55 AM-11:20 AM	PA 133	02/18-06/13						
ADDITIONAL HOURS MW 11:30 to 2:30 in VT 208.											
MUS 129	Pop/Rock Ensemble I				2 Units						
Prerequisite: Audition required. Corequisite: Concurrent enrollment required in MUS 290 or 291 or 292. A course for vocalists and instrumentalists in the techniques from Doo-Wop, Rockabilly, Rhythm and Blues, "Covers" to Classic Rock, Teen Idols and Girl Groups, with a focus on the small ensemble setting. Students will work extensively on these early rock and pop stylings and within the application of a small group, with the intention of public performance. Public performance required. This course may be taken four times. 36 lecture hours, 36 lab hours. CSU											
30852	Munoz, G.	TR	11:30 AM-12:55 PM	VT 117	02/18-06/13						
+ 32 TOTAL HRS ARRG											
MUS 139	Pop/Rock Ensemble II				2 Units						
Prerequisite: Audition required. Corequisite: Concurrent enrollment required in MUS 290 or 291 or 292. A course for vocalists and instrumentalists in the techniques from Motown, Soul, Folk-Rock and Psychedelic Rock of the 60's to contemporary pop and rock, Tex-Mex and Salsa, and contemporary vocal jazz groups, with a focus on the small ensemble setting. Students will work extensively on these rock and pop stylings and within the application of a small group, with the intention of public performance. Public performance required. This course may be taken four times. 36 lecture hours, 36 lab hours. CSU											
30867	Munoz, G.	MW	01:05 PM-02:35 PM	PA 154	02/18-06/13						
+ 32 TOTAL HRS ARRG											
31365	Munoz, G.	TR	08:20 AM-09:45 AM	VT 117	02/18-06/13						
+ 32 TOTAL HRS ARRG											
MUS 140	Electronic Music I				2 Units						
Basic theory and practice of electronic music synthesis including synthesizer components and electronic sound processing, recording, editing, and mixing techniques. 36 lecture hours, 18 lab hours. CSU											
30869	Galvan, A.	M	05:50 PM-08:00 PM	VT 320	02/18-06/13						
+16 TOTAL HRS ARRG											
MUS 141	Electronic Music II				2 Units						
MUS 142	Beginning Guitar I				2 Units						
Prerequisite: MUS 140. Advanced theory and practice of electronic music synthesis including analog synthesizer components and electronic sound processing, recording, editing, and mixing techniques. Advanced MIDI applications. 36 lecture hours, 18 lab hours. CSU											
30870	Galvan, A.	M	05:50 PM-08:00 PM	VT 320	02/18-06/13						
+16 TOTAL HRS ARRG											
MUS 145	Pop Rock and Jazz Performance Styles				4 Units						
Prerequisite: Audition. Corequisite: MUS 290 or 291 or 292. Introductory study and performance of contemporary Pop, Rock, and Jazz styles. This course will focus on the various fusions of these diverse styles; including appropriate rehearsal and performance techniques. May be taken four times. 36 lecture hours, 126 lab hours. CSU											
30871	Munoz, G.	TR	09:55 AM-11:20 AM	PA 154	02/18-06/13						
+112 TOTAL HRS ARRG											
MUS 147	Pop/Salsa Ensemble I				2 Units						
Prerequisite: Audition. Corequisite: MUS 290 or 291 or 292. A course for vocalists and instrumentalists in the study, rehearsal, and performance of Salsa, Merengue, Bolero and other Caribbean and Coastal South American musical styles with a focus on the mediumsized (15-20) ensemble setting. Students will explore the rhythmic and stylistic idiosyncrasies of this group of Latin American musical styles in sectional and full ensemble settings, with the intention of public performance. Public performance required. This course may be taken four times. 36 lecture hours, 36 lab hours. CSU UC											
30888	Munoz, G.	TR	01:05 PM-02:10 PM	PA 154	02/18-06/13						
+32 TOTAL HRS ARRG											
MUS 153	Chamber Jazz				4 Units						
Corequisite: Concurrent enrollment in MUS 108 or 109 and 290 or 291 or 292. Prerequisite: Audition. Advanced study and performance of traditional and contemporary jazz. Jazz and world music styles along with their influence will be covered. Public performance and the possibility of touring are required. This course may be taken four times. 36 lecture hours, 126 lab hours. CSU UC											
30891	Hoehne, W.	TR	11:30 AM-12:55 PM	PA 154	02/18-06/13						
+108 TOTAL HRS ARRG											
MUS 154	Jazz Improvisation				3 Units						
This is a class for music majors and performing artists. The theory, technique, and practice of jazz improvisation in a variety of styles will be examined. This course may be taken four times. 54 lecture hours, 18 lab hours. CSU UC											
30581	Hoehne, W.	TR	08:00 AM-09:45 AM	PA 154	02/18-06/13						
+12 TOTAL HRS ARRG											
MUS 157	Percussion Ensemble I				1 Units						
Prerequisite: Audition or successful completion of the Student Learning Outcomes of MUS 137. A course for percussionists in the study, rehearsal, and performance classical, modern and novelty percussion ensemble chamber music with a focus on the small to medium size (4-16) ensemble setting. Students will explore the rhythmic and stylistic idiosyncrasies of this group of musical styles in sectional and full ensemble settings, with the intention of public performance. Public performance required. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC											
30894	Troy, T.	TW	05:25 PM-06:50 PM	PA 154	02/18-06/13						
MUS 158	World Percussion Ensemble I				1 Units						
Prerequisite: Audition or successful completion of the Student Learning Outcomes of MUS 138. A course for percussionists in the study, rehearsal, and performance percussion ensemble chamber music from Latin American, Middle Eastern and various other ethnic cultures with a focus on the small to medium size (4-16) ensemble setting. Students will explore the rhythmic and stylistic idiosyncrasies of this group of musical styles in sectional and full ensemble settings, with the intention of public performance. Public performance required. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC											
30896	Troy, T.	T	03:00 PM-05:00 PM		02/18-06/13						

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

Prerequisite: Audition.
 Strongly recommended: MUS 112. Also, READ 099 if required by reading placement exam or if required by reading 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

30898 Galvan, A. TR 11:30 AM-12:55 PM VT 208 02/18-06/13
 + 16 TOTAL HRS ARR

MUS 172 Styles, Techniques, and the "Soul" of Popular Singing 2 Units

Strongly recommended: Audition.
 Development of basic techniques and skills appropriate for singing various styles of commercial and popular music. Emphasis will be on fundamental singing techniques, song interpretation, and the joy of performing. Some music technology and the business of music will also be discussed. Solo and ensemble (back-up) singing performances are included. This course may be taken four times. 36 lecture hours, 18 lab hours.

30900 Boylan, J. R 02:40 PM-04:55 PM VT 117 02/18-06/13
 + 16 TOTAL HRS ARRANGED

MUS 201 Musicianship 2 Units

Prerequisite: MUS 200 and 202.
 Corequisite: Concurrent enrollment required in MUS 203.
 A continuation of MUS 200. This course will include more challenging rhythmic, melodic, and harmonic dictation. 36 lecture hours total. CSU UC

30904 Eisel, G. TR 09:55 AM-11:00 AM VT 319 02/18-06/13

MUS 203 Harmony 3 Units

Prerequisite: MUS 200 and 202.
 Corequisite: Concurrent enrollment required in MUS 201.
 Units on orchestration, modern compositional techniques, jazz, 18th century counterpoint, and analysis of large forms (sonatas, symphonies, string quartets). Studies concerned with dominant ninth chords (incomplete, complete, major, and minor) sequences, non-dominant harmony, ninth, eleventh, and thirteenth chords, Neapolitan sixth, augmented sixth chords, and other chromatic chords. Required of all music majors. 54 lecture hours. CSU UC

30906 Eisel, G. MW 09:55 AM-11:20 AM VT 319 02/18-06/13

MUS 208 Studio Orchestra 4 Units

Corequisite: Concurrent enrollment required in MUS 108 or 109 and 290 or 291 or 292.
 Prerequisite: Audition.
 Study and performance of commercial musical styles including Broadway show styles, variety show, stage productions, and recording session. Public and studio performance required. This course may be taken four times. 36 lecture hours, 126 lab hours. CSU

31383 Slack, R. MW 03:50 PM-05:15 PM PA 154 02/18-06/13
 + 76 TOTAL HRS ARR

MUS 210 Intermediate Voice 2 Units

Prerequisite: MUS 115 or audition.
 Vocal exercises, analysis, and song memorization for the 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

30907 Green, M. M 03:50 PM-06:05 PM PA 133 02/18-06/13
 +16 TOTAL HRS ARR

MUS 214 Musical Theatre Techniques 3 Units

This introductory course provides an overview of the techniques necessary for the performer in a live musical theatre production. Topics include history of American musical theatre, audition technique, rehearsal and performance techniques, and methods of production evaluation. This course may be taken four times. 36 lecture hours, 108 lab hours. CSU UC

31366 Shrope, D. M 03:00 PM-06:00 PM VT 323 02/18-06/13
 + 96 TOTAL HRS ARR

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

30585 Beatty, D. M 07:00 PM-10:10 PM VT 319 02/18-06/13

MUS 242 Women's Ensemble II 4 Units

Required: 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

CSU UC
 31080 Milliken, K. TR 08:20 AM-09:25 AM PA 192 02/18-06/13

MUS 244 Wind Symphony II 4 Units

Prerequisite: Audition
 The study and performance of advanced wind band literature, with an emphasis on the exploration of contemporary wind and percussion music and the development of the highest standards of personal and musical professionalism. This course may be taken four times. 36 lecture hours, 108 lab hours. CSU UC

31132 Hoehne, W. MW 11:30 AM-12:55 PM PA 154 02/18-06/13
 + 90 TOTAL HRS ARR

MUS 252 Fusion Ensemble I 1 Units

Corequisite: Concurrent enrollment required in MUS 290, 291, or 292.
 Students will work extensively on contemporary jazz styles including fusion of rock and jazz elements, post "Be-Bop" and avant garde styles. This class will be divided into small ensembles. Public performance required. This course may be taken four times. 72 lab hours. CSU UC

31134 Silva, D. TR 03:55 PM-05:20 PM PA 154 02/18-06/13
 + 24 TOTAL HRS ARR

MUS 290 Applied Music/Individual Instruction 2 Units

Required: 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. CSU UC

31139 Shrope, D. W 02:40 PM-03:45 PM PA 133 02/18-06/13
 + 108 TOTAL HRS ARR

MUS 291 Applied Music/Individual Instruction (Classical) 2 Units

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

31140 Shrope, D. W 02:40 PM-03:45 PM PA 133 02/18-06/13
 + 108 TOTAL HRS ARR

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

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

31143 Shrope, D. W 02:40 PM-03:45 PM PA 133 02/18-06/13
 + 108 TOTAL HRS ARR

Natural History

NAT 182 Natural History Series - Inland Mountains, Valleys and Alaska 2 Units

A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the region will be covered. Possible locations of interest but not restricted to include Sierra Nevada, Owens Valley, San Andreas Fault Region, Cascades, Banff Jasper, Alaska, and Rio Grand Valley. There will be three to ten days of class depending in the region visited. A transportation fee may be assessed. This course may be taken up to four times. 36 or 54 lecture hours.

30299 Goodman, R. HRS-ARRG 02/18-06/04
 Destination Sierra Nevada Sequoia National Park. Mandatory field trip: May 15-17, 2009. Class meeting dates: February 19, May 7, June 4 (7:00 p.m.-10:10 p.m., LH 103). Field trip fee will be assessed. Trip dates subject to change.

Nursing

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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NRS 100 Introduction to Health Occupations 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 36 lecture hours, 54 lab hours.

30308	Fernandez, G.	MW	02:49 PM-05:10 PM	P3 105	02/18-06/13
30318	Santiago, L.	TR	08:50 AM-11:20 AM	P3 105	02/18-06/13
30324	Santiago, L.	TR	01:30 PM-04:00 PM	PS 107	02/18-06/13
30326	Santiago, L.	TR	07:00 PM-09:30 PM	P3 105	02/18-06/13
30321	Greene, D.	TF	02:40 PM-05:10 PM	P3 105	02/18-06/13

NRS 101 Nurse Assistant 5 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

30327	Bowman, D.	MTW	07:00 AM-01:30 PM	TC 230	04/20-06/13
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Late Start

Office Technology

OFF 057 Computer Keyboarding 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 This course introduces touch keyboarding using a computer keyboard and is open to students with no previous keying experience. 18 lecture hours, 18 lab hours.

31384	James, R.	TR	07:55 AM-10:00 AM	LB 201	04/20-06/13
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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. This course may be taken two times. 54 hours lecture, 36 hours lab. CSU

30024	James, R.	MW	10:10 AM-12:40 PM	LB 201	02/18-06/13
30026	James, R.	HRS-ARRG			02/18-06/13

*DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
 Mandatory on-campus orientation/software usage - Tues., Feb. 17 at 6:00PM-7:00PM in LB 201*

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. This course may be taken two times. 36 lecture hours. CSU

30038	James, R.	MW	08:30 AM-09:30 AM	LB 201	02/18-06/13
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OFF 260 Computer Keyboarding and Document Processing 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30039	James, R.	TR	10:10 AM-12:40 PM	LB 201	02/18-06/13
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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.

30044	James, R.	HRS-ARRG			04/20-06/13
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*DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
 Mandatory on-campus orientation/software usage - Mon., April 20 at 6:00PM-7:00PM in LB 201*

Philosophy

PHIL 101 Great Religions of the World 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 The historical development, principal ideas and contributions of the world's religions. 54 lecture hours. CSU UC

31041	Saldana, R.	MW	08:20 AM-09:45 AM	LB 101	02/18-06/13
31042	Saldana, R.	MW	09:55 AM-11:20 AM	LB 101	02/18-06/13
31043	Saldana, R.	TR	08:20 AM-09:45 AM	LB 101	02/18-06/13

PHIL 106 Introduction to Philosophy 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31044	Evans, R.	MW	09:55 AM-11:20 AM	LB 103	02/18-06/13
31046	Saldana, R.	MW	11:30 AM-12:55 PM	LB 101	02/18-06/13
31047	Evans, R.	TR	09:55 AM-11:20 AM	LB 103	02/18-06/13
31050	Saldana, R.	TR	11:30 AM-12:55 PM	LB 101	02/18-06/13
31051	Evans, R.	F	11:30 AM-02:40 PM	LB 103	02/18-06/13

31054	Call, J.	HRS-ARRG			04/20-06/13
<i>DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de</i>					
31053	Stowell, A.	HRS-ARRG			02/18-06/13
<i>DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de</i>					
31052	Call, J.	HRS-ARRG			02/18-06/13
<i>DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de</i>					

PHIL 106H Introduction to Philosophy-Honors 3 Units

Strongly recommended: Read 099 if required by reading placement exam or if required by reading level.
 A critical examination of fundamental concepts such as; religion; morality; mind and body; causality and free will; objectivity and subjectivity; life and death. 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

31049	Call, J.	MW	11:30 AM-12:55 PM	P3 100	02/18-06/13
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PHIL 108 Philosophy - Ethics 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31055	Saldana, R.	TR	09:55 AM-11:20 AM	LB 101	02/18-06/13
31056	Kaplan, R.	TR	01:05 PM-02:30 PM	LB 306	02/18-06/13
31057	Kaplan, R.	T	07:00 PM-10:10 PM	LB 310	02/18-06/13

PHIL 110 Philosophy - Logic 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31059	Call, J.	TR	09:55 AM-11:20 AM	LH 103	02/18-06/13
31060	Call, J.	TR	01:05 PM-02:30 PM	LB 103	02/18-06/13
31061	Saldana, R.	T	07:00 PM-10:10 PM	LB 101	02/18-06/13
31062	Saldana, R.	F	08:10 AM-11:20 AM	LB 101	02/18-06/13

Photography

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
PHTO 101	Basic Photography				3 Units	30280	Wurst, C.	MW	11:00 AM-12:05 PM	PE 821	02/18-06/13
Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 36 lecture hours, 90 lab hours. CSU UC						30297	Dunaj, J.	F	09:15 AM-11:35 AM	PE 821	02/18-06/13
30850	Carr, D.	MW	08:00 AM-11:35 AM	TC 114	02/18-06/13	PE 134 Softball 1 Units					
31163	Carr, D.	TR	08:00 AM-11:35 AM	TC 114	02/18-06/13	Instruction in the basic skills and techniques of play in softball. Each student will be required to understand the statistical aspect of the game. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC					
31367	Carr, D.	TR	01:00 PM-04:35 PM	TC 114	02/18-06/13	30106	Boxley, J.	M	05:00 PM-07:20 PM	PE FLD3	02/18-06/13
31164	Hasegawa, R.	TR	06:00 PM-09:35 PM	TC 114	02/18-06/13	PE 135 Volleyball 1 Units					

PHTO 215 Electronic Photo Imaging 3 Units

Strongly recommended: PHTO 101 and 205.
 A course introducing electronics imaging using Adobe Photoshop 5.5. This course will cover scanning of negatives and photographs. How to save these images on disk. Utilization of tools for modification, special effects filters, scaling of image, and printing. The use of digital cameras will be covered. This course may be taken three times. 36 lecture hours, 90 lab hours. CSU UC

31169	Carr, D.	MW	01:00 PM-04:35 PM	TC 110	02/18-06/13
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Physical Education

PE 101 Badminton 1 Units

Development of skills necessary to participate in a game of badminton. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction.
 Elementary: Development of basic badminton skills and knowledge with an emphasis on footwork, clear, drop, smash, serve, blocking the smash shot and basic strategies of singles, doubles and mixed doubles play.
 Intermediate: Intermediate techniques in badminton with an emphasis on skill development and the strategies of singles, doubles and mixed doubles play. 18 lecture hours, 18 lab hours. CSU UC

30294	Boxley, J.	TR	08:20 AM-09:25 AM	PE 821	02/18-06/13
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PE 103 Golf 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if reading by reading level.
 This course will offer a non-competitive environment in which the student can develop the basic fundamentals of golf. Instruction will emphasize woods, long and short irons, bunker play, putting, golf terminology, rules and etiquette. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC

30291	Wurst, C.	TR	10:40 AM-11:45 AM	PE FLD1	02/18-06/13
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PE 108 Tennis 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC

30236	Gunstream, M.	TR	10:40 AM-11:45 AM	PE TNCT	02/18-06/13
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30454	Gunstream, M.	M	05:00 PM-07:20 PM	PE TNCT	02/18-06/13
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PE 116 Yoga 1 Units

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 CSU UC

30268	Shaw, N.	MW	08:00 AM-09:05 AM	AP 110	02/18-06/13
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30270	Shaw, N.	TR	09:50 AM-10:55 AM	AP 110	02/18-06/13
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PE 130 Basketball 1 Units

Techniques in basketball such as ball handling, passing, receiving, screening, cutting, shooting, team play and strategy of the game. Rules are included. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC

PE 134 Softball 1 Units

Instruction in the basic skills and techniques of play in softball. Each student will be required to understand the statistical aspect of the game. This course may be taken four times with the objective of improving proficiency in previously learned skills by further repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC

30106	Boxley, J.	M	05:00 PM-07:20 PM	PE FLD3	02/18-06/13
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PE 135 Volleyball 1 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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, on 4. 18 lecture hours, 18 lab hours. CSU UC

30224	Gunstream, M.	R	07:00 PM-09:20 PM	PE 821	02/18-06/13
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PE 141 Lifeguard Training 1 Units

Prerequisite: Swim 300 yards continuously. Starting in the water, swim 20 yards using front crawl or breaststroke, surface dive 7-10 feet, retrieve a 10 lb. object, return to the surface, swim 20 yards back to the starting point with the object and exit the water without using a ladder or steps, within 1 minute, 40 seconds.
 This course is designed to develop and perfect the basic swimming strokes needed to successfully execute the various lifesaving skills, as well as improve general skills and proficiency in the water. Upon completion of the course a student who successfully passes written and practical exams will be eligible to be certified for an American Red Cross Lifesaving and the American Red Cross CPR for the professional Rescuer Cards. 18 lecture hours, 18 lab hours. CSU UC

30453	Smith, S.	HRS-ARRG	AQ 871	02/18-04/11
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Class will meet on campus the followings days: Saturdays: April 4, 11, Sundays, April 5,12. 8:00-6:00 pm in AQ 871.

PE 142 Swimming - Beginning 1 Units

This course provides basic instruction and practice in the fundamental elements of swimming including beginning diving and water safety instruction. The class is designed to develop proficiency in the basic strokes needed to meet the prerequisites for the senior lifesaving and water safety instruction course. 18 lecture hours, 18 lab hours. CSU UC

30450	Gunstream, M.	MW	09:30 AM-10:35 AM	AQ POOL	02/18-06/13
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PE 147 Swimming for Cardiovascular Improvement 1 Units

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. This course may be taken four times. 9 lecture hours, 27 lab hours. CSU UC

30451	Gunstream, M.	MW	11:15 AM-12:20 PM	AQ POOL	02/18-06/13
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PE 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

30242	Hartman, S.	MW	11:00 AM-12:25 PM	AP 109	02/18-06/13
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30245	Hartman, S.	MW	01:05 PM-02:30 PM	AP 109	02/18-06/13
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30243	Hartman, S.	TR	11:00 AM-12:25 PM	AP 109	02/18-06/13
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PE 151 Body Conditioning 1 Units

This course will include general conditioning exercises, aerobic exercises, and exercises to develop flexibility and strength. This course may be taken four times with the objective of increasing and expanding the student's proficiencies and attitudes toward body conditioning through a supervised exercise program. 18 lecture hours, 18 lab hours. CSU UC

30220	Gunstream, M.	TR	08:10 AM-09:15 AM	AP 110	02/18-06/13
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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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PE 152 Weight Training 1 Units

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 PE 152 and 154. 18 lecture hours, 18 lab hours. CSU UC

30217	Greer, M.	MW	08:30 AM-09:35 AM	PE 822	02/18-06/13
30307	Kyle, T.	MW	06:30 PM-07:40 PM	PE 822	02/18-06/13
30144	Gomez, S.	TR	08:05 AM-09:10 AM	PE 822	02/18-06/13
30282	Wurst, C.	TR	09:15 AM-10:20 AM	PE 822	02/18-06/13
30218	Greer, M.	TR	10:30 AM-11:35 AM	PE 822	02/18-06/13

PE 153 Walking/Jogging 1 Units

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. This course may be taken four times. 18 lecture hours. 18 lab hours. CSU UC

30052	Brawner, M.	MW	09:30 AM-10:35 AM	PE FLD5	02/18-06/13
30113	Brawner, M.	TR	10:00 AM-11:05 AM	PE FLD5	02/18-06/13

PE 154 Advanced Weight Training 2 Units

Strongly recommended: PE 152. This course is designed to study methods applicable to power lifting, Olympic lifting, and conditioning. Students will participate in formulation of individual workout sessions. Emphasis will be on increasing strength, flexibility, and quickness. This course may be taken four times. 18 lecture hours, 54 lab hours. CSU UC

30264	Merandi, M.	MW	10:30 AM-12:35 PM	PE 822	02/18-06/13
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PE 156 Physical Conditioning for Intercollegiate Sports 2 Units

This course is designed to provide an out-of-season physical conditioning program for the student interested in intercollegiate athletics. This course may be taken four times. 9 hours lecture, 27 hours lab or 18 hours lecture, 54 hours lab. CSU UC

31277	Ponciano, R.	MTWR	02:00 PM-02:50 PM	PE FLD5	02/18-06/13
Recommended for Varsity Athletes: Football					
31274	Dunaj, J.	MTWR	02:00 PM-04:00 PM	PE 821	02/18-04/11
Recommended for Varsity Athletes: Men's Basketball					
31278	Staff	MTWR	03:30 PM-04:20 PM	PE FLD5	02/18-06/13
Recommended for Varsity Athletes: Football					
31276	Anderson, E.	MTWR	04:30 PM-06:30 PM	PE 821	02/18-04/11
Recommended for Varsity Athletes: Women's Basketball					

PE 159 Cardiovascular Training 1 Units

This course will offer a non competitive, flexible, scheduled 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. This course may be taken four times. 9 hours lecture, 27 hours lab. CSU UC

31338	Greer, M.	MTWR	03:25 PM-04:30 PM	AP 109	02/18-04/11
OR 36 TOTAL HRS ARRG. Student may attend any session and may workout one time per day for a grade.					
Fast Track Class					
30216	Greer, M.	MTWR	03:25 PM-04:30 PM	AP 109	04/20-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may workout only one time per day for a grade. Late Start					
31414	Gunstream, M.	MW	07:00 AM-08:05 AM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may workout only one time per day for a grade.					
30225	Gunstream, M.	MW	08:10 AM-09:15 AM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may workout only one time per day for a grade.					
30262	Merandi, M.	MW	09:20 AM-10:25 AM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may work out one time per day for a grade.					
31415	Gunstream, M.	TR	07:00 AM-08:05 AM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may workout only one time per day for a grade.					
30213	Greer, M.	TR	08:10 AM-09:15 AM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may work out only one time per day for a grade.					
30211	Gomez, S.	TR	09:20 AM-10:25 AM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may workout only one time per day for a grade.					

30226	Gunstream, M.	T	04:30 PM-07:00 PM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may work out only one time per day for a grade.					

30235	Gunstream, M.	W	04:30 PM-07:00 PM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may work out only one time per day for a grade.					

30214	Greer, M.	F	07:00 AM-09:30 AM	AP 109	02/18-06/13
OR 36 TOTAL HRS ARRG. Student may attend any session and may workout only one time per day for a grade.					

PE 169 Introduction to Coaching 3 Units

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

30254	Merandi, M.	TR	09:55 AM-11:20 AM	AQ 871	02/18-06/13
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PE 170 Fitness For Life 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30288	Wurst, C.	MW	08:20 AM-09:45 AM	PE 808	02/18-06/13
30115	Gomez, S.	MW	09:55 AM-11:20 AM	PE 810	02/18-06/13
30111	Brawner, M.	MW	11:30 AM-12:55 PM	PE 808	02/18-06/13
30289	Wurst, C.	MW	01:05 PM-02:30 PM	PE 808	02/18-06/13
30110	Brawner, M.	TR	08:20 AM-09:45 AM	PE 808	02/18-06/13
30293	Smith, S.	M	06:00 PM-09:10 PM	PE 810	02/18-06/13
30452	Kyle, T.	F	08:10 AM-11:20 AM	PE 810	02/18-06/13

30112	Brawner, M.		HRS-ARRG		04/20-06/13
DISTANCE EDUCATION HYBRID CLASS On-Campus visits required. After registering go to www.citruscollege.edu/de . Class will meet on campus the following Tuesdays: April 21, 28 May 5, 12, 19, 26 and June 2. 6:00 - 8:00 pm in PE808. Late start.					
30137	Gomez, S.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION HYBRID CLASS On campus visits required. After registering go to www.citruscollege.edu/de Class will meet on campus the following Wednesdays: February 25, March 4, 11, 25, April 1, 8, 22, 29 and May 6, 13 in PE810.					

PE 171 Health Science 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30257	Merandi, M.	MW	01:05 PM-02:30 PM	AQ 871	02/18-06/13
30255	Merandi, M.	TR	11:30 AM-12:55 PM	AQ 871	02/18-06/13
31344	Hartman, S.	TR	12:30 PM-01:55 PM	PE 810	02/18-06/13
30259	Merandi, M.	M	03:50 PM-07:00 PM	AQ 871	02/18-06/13
30252	Hartman, S.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION HYBRID CLASS On-Campus visits required. After registering go to www.citruscollege.edu/de . Class will meet on campus Monday nights 7:15 - 8:30 pm in PE 808.					
30250	Hartman, S.		HRS-ARRG		04/20-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de . Late Start					

PE 171H Health Science 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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 in the future. Students are expected to work and participate at an honors level which includes strong critical thinking skills, through analysis of readings, presentation, and leadership skills demonstrated through class participation/presentation during the investigation of health/fitness topics. 54 lecture hours. CSU UC

30271	Shaw, N.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION HYBRID CLASS On-Campus visits required. After registering go to www.citruscollege.edu/de . Class will meet on campus Tuesday 8:20am - 9:45 am in AQ871.					

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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PE 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

30273 Shaw, N. MW 11:30 AM-12:55 PM AQ 871 02/18-06/13

30274 Shaw, N. HRS-ARRG 02/18-06/13
 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de.

PE 175 Introduction To Ind/Dual Sports 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30212 Greer, M. MW 09:55 AM-11:20 AM AQ 871 02/18-06/13

PE 176 Elementary School Physical Education 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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 UC

30105 Boxley, J. TR 09:55 AM-11:20 AM PE 808 02/18-06/13

PE 177 First-Aid Responding To Emergencies 3 Units

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

Complies with requirements as set forth by the American National Red Cross for first aid responding to emergencies. Students will receive the Responding to Emergencies and adult/child/infant CPR cards. 54 lecture hours. CSU UC

30104 Boxley, J. MW 09:55 AM-11:20 AM PE 808 02/18-06/13

30108 Boxley, J. HRS-ARRG 04/20-06/13
 DISTANCE EDUCATION HYBRID CLASS On-Campus meetings required. After registering go to www.citruscollege.edu/de. Class will meet on campus the following Wednesdays: March 11, April 1: 5:00 - 6:00 PE808. Late start.

PE 186 Baseball Theory 2 Units

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

This course prepares the student to administer a baseball program. It will include teaching methods, practice organization, administration, scouting and live game strategy. 36 lecture hours. CSU UC

30135 Gomez, S. MW 11:30 AM-12:55 PM PE 810 02/18-06/13

PE 207 Off-Season Men's Varsity Athletics 1 Units

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

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity athletics. 45 lab hours or 90 lab hours. CSU UC

31281 Bruce-Oliver, F. MTWRF 05:00 PM-07:00 PM PE FLD4 02/18-04/11
 Or 90 hours arranged

Recommended for varsity athletes: Men's Soccer, Men's Water Polo

PE 208 Off-Season Women's Varsity Athletics 1 Units

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

This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity athletics. 45 lab hours or 90 lab hours. CSU UC

31282 Tracey, T. MTWRF 05:00 PM-07:00 PM PE FLD4 02/18-04/11
 Or 90 Hours arranged

Recommended for Varsity Athletes: Women's Soccer, Volleyball, Women's Water Polo

PE 212 Women's Varsity Swimming 2 Units

Strongly recommended: Advanced swimming skills to participate in a competitive collegiate experience.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU UC

30316 Kyle, T. MTWRF 03:00 PM-05:00 PM AQ POOL 02/18-06/13
 OR 180 HRS ARRG.

PE 214 Women's Varsity Softball 2 Units

Strongly recommended: Advance softball skills to participate in a competitive collegiate experience.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU UC

30109 Boxley, J. MTWRF 02:15 PM-04:15 PM PE FLD3 02/18-06/13
 Or 180 TOTAL HRS ARRG

PE 215 Women's Varsity Track and Field 2 Units

Strongly recommended: Advanced Track and Field skills to participate in a competitive collegiate experience.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU UC

30276 Shaw, N. MTWRF 03:00 PM-05:00 PM PE FLD4 02/18-06/13
 OR 180 TOTAL HRS ARRG.

PE 222 Men's Varsity Track and Field 2 Units

Strongly recommended: Advanced Track and Field skills to participate in a competitive collegiate experience.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU UC

30278 Shaw, N. MTWRF 03:00 PM-05:00 PM PE FLD4 02/18-06/13
 OR 180 TOTAL HRS ARRG.

PE 224 Men's Varsity Baseball 2 Units

Strongly recommended: Advanced baseball skills to participate in a competitive collegiate experience.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU UC

30210 Gomez, S. MTWRF 01:00 PM-03:00 PM PE FLD2 02/18-06/13
 Or 180 TOTAL HOURS ARRG.

PE 225 Men's Varsity Golf 2 Units

Strongly recommended: Advanced golf skills to participate in a competitive collegiate program.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU UC

31231 Shumaker, M. MTWRF 03:00 PM-05:00 PM PE 821 02/18-06/13
 Or 180 TOTAL HOURS ARRG

PE 228 Men's Varsity Swimming 2 Units

Advanced swimming skills to participate in a competitive collegiate experience.

Varsity athletics. Involves intercollegiate competition for two units of credit. This course may be taken four times. 160 lab hours. CSU UC

30312 Kyle, T. MTWRF 03:00 PM-05:00 PM AQ POOL 02/18-06/13
 Or 180 TOTAL HRS ARRG.

Physics

PHYS 106 Chemistry and Physics for Educators 4 Units

Prerequisite: MATH 130 and Corequisite MATH 150.

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

This course provides each prospective multiple subject teacher with an introductory survey of the fundamental concepts of chemistry and physics and the interrelationships among these disciplines. Emphasis is placed on the ways in which chemistry and physics affect everyday life and the role of these disciplines in addressing issues and problems related to energy and the environment. This course is recommended for students planning to take the CSET Multiple Subject Exam to become credentialed elementary school teachers in the State of California. This course is the same course as CHEM 106. This course may be taken two times. 54 lecture hours, 54 lab hours. CSU

30526 Ramos, G. MW 09:55 AM-11:20 AM PS 107 02/18-06/13

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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PHYS 110 Introduction to College Physics 4 Units

Strongly recommended: MATH 130. Also, READ 099 if required by reading placement exam or if required by reading level.

A general physics course for non-majors that explores fundamental principles of the physical world; kinematics, fluid dynamics, thermodynamics, electricity, electromagnetism, sound propagation, and optics. 54 lecture hours. 72 lab hours. CSU UC

30499	Scott, C.	TR	09:55 AM-11:20 AM	PS 107	02/18-06/13						
Lecture section only. Lab section also required.											
30500	Ramos, G.	TR	05:25 PM-06:50 PM	PS 107	02/18-06/13						
Lecture section only. Lab section also required.											
30501	Ramos, G.	T	11:30 AM-02:40 PM	PS 101	02/18-06/13						
+ 18 TOTAL HRS ARRG											
Lab section only. Lecture section also required.											
30502	Gonzalez, G.	T	07:00 PM-10:10 PM	PS 101	02/18-06/13						
+ 18 TOTAL HRS ARRG											
Lab section only. Lecture section also required.											
30503	Ramos, G.	R	11:30 AM-02:40 PM	PS 101	02/18-06/13						
+ 18 TOTAL HRS ARRG											
Lab section only. Lecture section also required.											
30504	Gonzalez, G.	R	07:00 PM-10:10 PM	PS 101	02/18-06/13						
+ 18 TOTAL HRS ARRG											
Lab section only. Lecture section also required.											

PHYS 201 Physics 5 Units

Prerequisite: MATH 175.

Corequisite: 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

30505	Ramos, G.	MW	11:30 AM-12:55 PM	PS 107	02/18-06/13						
Lecture section only. Lab/discussion section also required.											
30506	Ramos, G.	F	09:00 AM-01:15 PM	PS 125	02/18-06/13						
Lab/discussion section only. Lecture section also required.											

PHYS 202 Physics 5 Units

Prerequisite: PHYS 201 and MATH 190, 191. MATH 191 may be taken concurrently.

Electricity and magnetism. Required of all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU UC

30511	Miller, K.	MTWR	07:40 AM-08:30 AM	CHS	01/26-06/11						
Lecture section only. Lab CRN 30514 or 30519 and discussion CRN 30512 also required.											
30507	Scott, C.	MW	12:30 PM-01:55 PM	PS 106	02/18-06/13						
Lecture section only. Lab/discussion section also required.											
30508	Scott, C.	M	08:00 AM-12:15 PM	PS 101	02/18-06/13						
Lab/discussion section only. Lecture section also required.											
30514	Miller, K.	M	04:15 PM-07:25 PM	PS 125	01/26-06/11						
Lab section only. Lecture CRN 30511 and discussion CRN 31512 also required.											
30519	Miller, K.	T	04:15 PM-07:25 PM	PS 125	01/26-06/11						
Lab section only. Lecture CRN 30511 and discussion CRN 31512 also required.											
30512	Miller, K.	F	07:40 AM-08:30 AM	CHS	01/26-06/11						
Discussion section only. Lecture CRN 30511 and lab CRN 30514 or 30519 also required.											

Political Science

POLI 103 Government of the United States 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31063	Ross, G.	MW	08:20 AM-09:45 AM	LB 301	02/18-06/13						
31064	Ross, L.	MW	09:55 AM-11:20 AM	LB 302	02/18-06/13						
31066	Ross, L.	MW	11:30 AM-12:55 PM	LB 302	02/18-06/13						
31068	Peters, G.	MW	01:05 PM-02:30 PM	LB 303	02/18-06/13						
31069	Peters, G.	MW	03:50 PM-05:15 PM	LB 310	02/18-06/13						
31070	Ross, G.	MW	03:50 PM-05:15 PM	LB 101	02/18-06/13						
31072	Ross, G.	TR	09:55 AM-11:20 AM	LB 301	02/18-06/13						
31074	Ross, G.	TR	01:05 PM-02:30 PM	LB 104	02/18-06/13						
31076	Van Wickle, F.	M	07:00 PM-10:10 PM	LB 302	02/18-06/13						

31079	Peters, G.	T	03:40 PM-06:50 PM	LB 310	02/18-06/13						
31075	Leos, R.	W	03:40 PM-06:50 PM	LB 306	02/18-06/13						
31081	Ross, G.	W	07:00 PM-10:10 PM	LB 303	02/18-06/13						
31082	Leos, R.	R	03:40 PM-06:50 PM	LB 310	02/18-06/13						
31084	Peters, G.		HRS-ARRG		02/18-06/13						
31087	Peters, G.		HRS-ARRG		04/20-06/13						
31086	Van Wickle, F.		HRS-ARRG		02/18-06/13						
31085	Ross, G.		HRS-ARRG		02/18-06/13						

POLI 105 Comparative Politics 3 Units

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

An introductory course to acquaint students with the types of governmental systems which people establish in their various localities around the world and the competing values that tend to result in conflicts between opposing groups of people. An in-depth analysis of contending political ideologies, electoral procedures, and governing institutions is the course's main focus. This course is structured to provide a regional and comparative approach to the study of politics at the global level. 54 lecture hours. CSU UC

31295	Ross, G.	MW	09:55 AM-11:20 AM	LB 301	02/18-06/13						
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POLI 116 Contemporary World Politics 3 Units

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

An examination of basic theories of international relations and their relevance to contemporary world politics. 54 lecture hours. CSU UC

31089	Peters, G.	MW	11:30 AM-12:55 PM	P3 105	02/18-06/13						
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Psychology

PSY 101 Introduction to Psychology 3 Units

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

An introduction to the field of psychology through involved learning, motivation, intelligence, and personality. 54 lecture hours. CSU UC

31174	Kim, A.	MW	08:20 AM-09:45 AM	LB 306	02/18-06/13						
31170	Guttman, K.	MW	08:20 AM-09:45 AM	HH 754	02/18-06/13						
31176	Guttman, K.	MW	09:55 AM-11:20 AM	HH 754	02/18-06/13						
31179	Guttman, K.	MW	11:30 AM-12:55 PM	HH 754	02/18-06/13						
31181	Kim, A.	MW	01:05 PM-02:30 PM	LB 306	02/18-06/13						
31182	Brown, R.	MW	03:50 PM-05:15 PM	LB 302	02/18-06/13						
31186	Rizk, S.	TR	08:20 AM-09:45 AM	LB 310	02/18-06/13						
31197	Shannon, J.	TR	08:20 AM-09:45 AM	LB 302	02/18-06/13						
31200	Guttman, K.	TR	09:55 AM-11:20 AM	HH 754	02/18-06/13						
31202	Guttman, K.	TR	11:30 AM-12:55 PM	HH 754	02/18-06/13						
31204	Brown, R.	TR	11:30 AM-12:55 PM	LB 104	02/18-06/13						
31210	Shannon, J.	TR	01:05 PM-02:30 PM	LB 302	02/18-06/13						
31212	Ramos, M.	TR	05:25 PM-06:50 PM	LB 301	02/18-06/13						

31216	Martin, H.	T	07:00 PM-10:10 PM	LB 301	02/18-06/13						
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31218	Tate, E.	R	07:00 PM-10:10 PM	LB 103	02/18-06/13						
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31223	Kim, A.	F	11:30 AM-02:40 PM	LB 306	02/18-06/13						
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31226	Kim, A.		HRS-ARRG		02/18-06/13						
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DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de

31227	Shannon, J.		HRS-ARRG		02/18-06/13						
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DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de

PSY 102 Psychobiology 3 Units

Prerequisite: PSY 101.

Strongly recommended: BIOL 104 or 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

31034	Guttman, K.	TR	08:20 AM-09:45 AM	HH 754	02/18-06/13						
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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PSY 110 Psychology of Religion I 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 This course explores the connection between psychology and religion. It focuses on how different schools of psychological thought view and interpret religious concepts and experiences. The major psychological perspectives that are studied include: Psychoanalytic theory, Behavioristic and Humanistic theories. The psychological culture in terms of parallel and the quest for pro-social behaviors will be studied. 54 lecture hours. CSU UC

31030	Skalicky, J.	MW	01:05 PM-02:30 PM	LB 301	02/18-06/13
31031	Skalicky, J.	TR	01:05 PM-02:30 PM	LB 301	02/18-06/13
31032	Skalicky, J.	M	07:00 PM-10:10 PM	LB 301	02/18-06/13

PSY 133 Personal and Social Growth 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 This course aims to assist students in achieving a foundation in the study of personal and social growth behavior and a better understanding of themselves and human relationships. The principles of healthy functioning are emphasized. 54 lecture hours. CSU

31036	Seibert, W.	MW	11:30 AM-12:55 PM	LB 303	02/18-06/13
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PSY 152 Psychology of Human Relations 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A course dealing with the various problems that arise in the manifold relationships which exist between human beings. 54 lecture hours. CSU

31033	Skalicky, J.	MW	03:50 PM-05:15 PM	LB 301	02/18-06/13
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PSY 203 Research Methods in Psychology 3 Units

Strongly recommended: READ 099 if required by reading placement exam or by reading level.
 An introductory course in research methodology designed for students in the behavioral and social sciences. The application of basic skills in descriptive and inferential statistics is stressed, as well as critical analysis of experimental and non-experimental research methods in basic and applied research settings. 36 lecture hours, 54 lab hours. CSU UC

31234	Brown, R.	F	09:15 AM-11:20 AM	TC 122	02/18-06/13
31234	Brown, R.	F	11:30 AM-02:40 PM	TC 122	02/18-06/13

PSY 205 Developmental Psychology 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31250	Brown, R.	MW	01:05 PM-02:30 PM	LB 302	02/18-06/13
31252	Perry, C.	TR	09:55 AM-11:20 AM	LB 303	02/18-06/13
31254	Avila, A.	T	07:00 PM-10:10 PM	LB 105	02/18-06/13
31257	Newell, J.	HRS-ARRG			04/20-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					
31255	Perry, C.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

PSY 206 Child Growth and Development 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Students will critically examine theories of child development in the physical, intellectual and social-emotional areas as they pertain to the various ages and stages in a child's life from the prenatal development through adolescence. Practices in caregiving, teaching, and parenting that derive from diverse cultural and theoretical perspectives will be analyzed. Students will learn to observe and assess children's development and gain insight into the impact of culture on the process of socialization. 54 lecture hours. CSU UC

31267	Gregg, J.	MW	09:55 AM-11:20 AM	LB 310	02/18-06/13
31268	Gregg, J.	MW	01:05 PM-02:30 PM	LB 310	02/18-06/13
31336	Gregg, J.	TR	11:30 AM-12:55 PM	LB 310	02/18-06/13

PSY 212 Abnormal Psychology 3 Units

Prerequisite: PSY 101.
 The purpose of this course is two fold: (1) A description of the various mental disorders as listed in current DSM (2) An investigation of the various therapies used in treatment for these disorders. 54 lecture hours. CSU UC

31038	Skalicky, J.	TR	03:50 PM-05:15 PM	LB 301	02/18-06/13
31039	Gittens, W.	W	07:00 PM-10:10 PM	LB 310	02/18-06/13

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

Prerequisite: Completion of PSY 101 with min. grade of C.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Psychological, sociological, and biological perspectives regarding alcohol and drug abuse are examined. 54 lecture hours. CSU UC

31040	Guttman, K.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

PSY 225 Psychology of Human Sexuality 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31229	Kim, A.	MW	11:30 AM-12:55 PM	LB 306	02/18-06/13
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31233	Weisman Davlant, L.	HRS-ARRG			04/20-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					
31232	Brown, R.	HRS-ARRG			02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de					

PSY 226 Psychology Of Women 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A bio-cultural analysis of women. Emphasis will be placed on biological, psychological and sociological factors influencing the development of women from birth to death. Evaluation of data, principles and contemporary gender issues in terms of the implications for personal and social change. 54 lecture hours. CSU UC

31262	Resch, A.	W	07:00 PM-10:10 PM	LB 301	02/18-06/13
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Public Works

PUB 150 Public Works I 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

30785	Mura, J.	R	06:30 PM-09:40 PM	TC 122	02/18-06/13
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PUB 151 Street Construction and Maintenance 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A course in street maintenance covering materials and methods, with emphasis on preventive maintenance of asphaltic and Portland Cement concrete pavements. Specifications, records and cost accounting systems, as well as revenue sources and budget preparation, will be reviewed. Other subjects include safety, drainage, equipment records and specifications, review of watershed management, and public relations. Codes which pertain to improvements and repair will be reviewed. 54 lecture hours.

30783	Staff	W	03:00 PM-06:10 PM		02/18-06/13
Location: Pasadena Dept. of Public Works 233 W. Mountain Street Pasadena, CA Public Works Bldg - 2nd floor					

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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PUB 155 Public Works Inspection 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

30787	Swartz, T.	R	05:00 PM-08:10 PM		02/18-06/13
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Location: L.A. County Dept. of Public Works
 900 So. Fremont
 Alhambra, CA

31369	Chapman, F.	HRS-ARRG			02/18-06/13
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

PUB 157 Asphalt and Portland Cement 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

30786	Rodgers Jr., A.	T	05:00 PM-08:10 PM		02/18-06/13
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Location: South Gate Dept. of Public Works
 4244 Santa Ana
 South Gate, CA

PUB 166 Supervision in Public Works 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Fundamentals of supervision focusing on the public works industry. Topics to be covered include communications, employee orientation and training, motivating employees, decision making, performance appraisal writing, and disciplinary action. 54 lecture hours.

30778	Chapman, F.	HRS-ARRG			02/18-06/13
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DISTANCE EDUCATION CLASS: After registering go to www.citruscollege.edu/de

Reading & College Preparation

READ 019 Literacy Skills 3 Units

This course is designed for students who need a non-competitive environment to develop basic literacy skills including decoding, vocabulary acquisition, and literal comprehension. Offered for Credit/No Credit Grading Only. This course may be taken two times. 54 lecture hours.
 NOTE: THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

30717	Van Citters, B.	MTWR	08:20 AM-09:45 AM	LL 103	02/18-04/11
30716	Nelson, L.	MTWR	08:20 AM-09:45 AM	LB 309	02/18-04/11
30718	Gunderson, M.	MW	09:55 AM-11:20 AM	LL 102	02/18-06/13
30720	Harvey, J.	TR	01:05 PM-02:30 PM	TC 127	02/18-06/13
30721	Loya, H.	TR	03:50 PM-05:15 PM	LL 102	02/18-06/13
30723	Serrao, E.	M	06:00 PM-09:10 PM	P1 104	02/18-06/13
30719	Staff	HRS-ARRG			02/18-06/13

READ 040 Basic Reading Skills 3 Units

Prerequisite: Placement is based on multiple measure assessment or completion of READ 019 with min. grade of C.
 Development of basic reading strategies which focus on word analysis, vocabulary development, ability to respond orally and in writing to materials read independently from a variety of textual complexities, patterns, and forms including reference, informational, persuasive and literary genres. Designed primarily for students preparing for READ 099. This course may be taken three times. 54 lecture hours.

30733	Nelson, L.	MTWR	08:20 AM-09:45 AM	LB 309	04/20-06/13
30734	Van Citters, B.	MTWR	08:20 AM-09:45 AM	LL 103	04/20-06/13

30726	Van Citters, B.	MTWR	09:55 AM-11:20 AM	LL 103	02/18-04/11
30728	Gunderson, M.	MTWR	11:30 AM-12:55 PM	LL 103	02/18-04/11
30724	Schaeffer, C.	MW	09:55 AM-11:20 AM	LI 120	02/18-06/13
30727	Kelly, D.	MW	11:30 AM-12:55 PM	LB 203	02/18-06/13
30725	Gunderson, M.	TR	09:55 AM-11:20 AM	LL 102	02/18-06/13
30729	Harvey, J.	W	03:40 PM-06:50 PM	LI 120	02/18-06/13
30731	Rowley, D.	R	07:00 PM-10:10 PM	LB 309	02/18-06/13

READ 099 Reading Skills 3 Units

Prerequisites: READ 040 or ESL 054 or placement based on multiple assessment measures.
 An introduction to the fundamental techniques of college reading designed to develop student's literal and inferential comprehension while extending critical reading/thinking skills. This course meets the graduation reading competency requirement. 54 lecture hours.

30754	Van Citters, B.	MTWR	09:55 AM-11:20 AM	LL 103	04/20-06/13
30755	Gunderson, M.	MTWR	11:30 AM-12:55 PM	LL 103	04/20-06/13
30756	Hibbs, L.	MTWR	01:05 PM-02:30 PM	LB 304	04/20-06/13
30736	Schaeffer, C.	MW	08:20 AM-09:45 AM	P1 104	02/18-06/13
30739	Van Citters, B.	MW	11:30 AM-12:55 PM	LL 102	02/18-06/13
30740	Gunderson, M.	MW	01:05 PM-02:30 PM	LL 102	02/18-06/13
30742	Kelly, D.	MW	01:05 PM-02:30 PM	LL 103	02/18-06/13
30747	Sandvig, S.	MW	03:50 PM-05:15 PM	LL 103	02/18-06/13
30749	Sandvig, S.	MW	05:25 PM-06:50 PM	LL 103	02/18-06/13
30753	Sandvig, S.	MW	07:00 PM-08:25 PM	ED 205	02/18-06/13
30737	Burns, L.	TR	08:20 AM-09:45 AM	P1 104	02/18-06/13
30738	Burns, L.	TR	09:55 AM-11:20 AM	P1 104	02/18-06/13
30743	Gunderson, M.	TR	01:05 PM-02:30 PM	LL 103	02/18-06/13
30746	Hibbs, L.	TR	03:50 PM-05:15 PM	LL 103	02/18-06/13
30748	Loya, H.	TR	05:25 PM-06:50 PM	LL 103	02/18-06/13
30745	Rowley, D.	R	03:40 PM-06:50 PM	IS 109	02/18-06/13
30750	Harvey, J.	R	07:00 PM-10:10 PM	LI 120	02/18-06/13
30735	Lawrence, P.	HRS-ARRG			02/18-06/13
31128	Van Citters, B.	HRS-ARRG			02/18-06/13
30741	Lawrence, P.	HRS-ARRG			02/18-06/13

Real Estate

REAL 210 Real Estate Principles 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30019	Ghidella, R.	TR	01:05 PM-02:30 PM	LB 202	02/18-06/13
30020	Ghidella, R.	HRS-ARRG			02/18-06/13
30021	Ghidella, R.	HRS-ARRG			04/20-06/13

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Recording Technology

REC 100 Survey of Entertainment Technology 4 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 A survey of current technology used in the entertainment industry for the production of audio/video products: mixing boards, special effects processors, computer programs, and related devices. 72 lecture hours.

30957	O'Hara, S.	MW	09:15 AM-11:25 AM	VT 117	02/18-06/13
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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REC 103 Introduction to Audio Engineering 4 Units

Strongly Recommended: READ 099 if required by reading placement exam or if required by reading 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.

31172 O'Hara, S. MW 11:30 AM-01:00 PM VT 117 02/18-06/13

REC 140 Music Theory for Engineers 3 Units

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

An introductory course in music theory for the Recording Technology major. A study of the elements of music including melody, rhythm, chords, musical forms, and related concepts. Music notation, terminology, rehearsal techniques and score reading is emphasized. 54 lecture hours.

31183 Barrera, J. MW 03:15 PM-04:40 PM VT 208 02/18-06/13

Registered Nursing

RNRS 193 Pediatric Nursing 3.5 Unit

Prerequisites: RNRS 190, 191, 192.

Co-requisites: 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.

30148 Dunkerley, M. R 08:45 AM-10:50 AM TC 229 02/18-06/13
Lecture section only. Lab section also required.

30886 Dunkerley, M. MU 06:45 AM-04:45 PM FD 04/19-05/11
Lab section only. Lecture also required.

30889 Dunkerley, M. MT 06:45 AM-04:45 PM FD 05/19-06/10
Lab section only. Lecture section also required.

RNRS 194 Obstetrics/Maternity Nursing 3.5 Unit

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.

30895 Staff R 11:00 AM-01:05 PM TC 229 02/18-06/13
Lecture section only. Lab section also required.

30899 Beach, J. MT 06:45 AM-04:45 PM FD 05/17-06/08
Lab section only. Lecture section also required.

30903 Beach, J. TW 01:30 PM-11:30 PM FD 04/21-05/13
Lab section only. Lecture section also required.

RNRS 195 Beginning Medical/Surgical Nursing II 5 Units

Pre-requisites: RNRS 190, 191, 192.

Co-requisites: 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, 125 lab hours.

30942 Sackett, E. F 09:00 AM-11:30 AM TC 229 02/18-06/13
Lecture section only. Lab section also required.

30948 Sackett, E. MT 06:45 AM-02:55 PM FD 02/23-04/07
Lab section only. Lecture section also required.

30945 Santiago, L. MU 06:45 AM-02:55 PM FD 02/22-04/06
Lab section only. Lecture section also required.

Social Sciences

SOCS 101 Student Government 3 Units

Prerequisite: Election or appointment to an ASCC office.

A course in various aspects of leadership with emphasis on practical application in the community college student government setting. Enrollment is limited to and required of students who hold ASCC office. This course may be taken four times. 36 lecture hours, 54 lab hours. CSU

30961 McDonald, M. TR 01:05 PM-02:30 PM CC 115 02/18-06/13
+ 36 TOTAL HRS ARR

30961 McDonald, M. HRS-ARRG 02/18-06/13
+ 36 TOTAL HRS ARR

SOCS 102 Student Government 3 Units

Prerequisite: Successful completion of SOCS 101 at least three times. Election or appointment to an ASCC Executive Board office.

A course in various aspects of leadership and leadership mentoring with an emphasis on practical application in the community college student government setting. Enrollment is limited to and required of students who hold ASCC office who have successfully completed SOCS 101 three times. This course may be taken two times. 36 lecture hours, 48 lab hours. CSU

30962 McDonald, M. TR 01:05 PM-02:30 PM CC 115 02/18-06/13
+ 36 TOTAL HRS ARR

30962 McDonald, M. HRS-ARRG 02/18-06/13
+ 36 TOTAL HRS ARR

Sociology

SOC 114 Marriage, Family, and Intimate Relations 3 Units

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

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

31235 Ubovich, T. MW 08:20 AM-09:45 AM LB 310 02/18-06/13

31296 Walz, S. MW 09:55 AM-11:20 AM LB 306 02/18-06/13

31297 Walz, S. MW 11:30 AM-12:55 PM LB 301 02/18-06/13

31298 Hodge, R. TR 08:20 AM-09:45 AM LB 104 02/18-06/13

31299 Walz, S. TR 09:55 AM-11:20 AM PS 113 02/18-06/13

31300 Shannon, J. TR 09:55 AM-11:20 AM LB 302 02/18-06/13

31301 White, G. TR 11:30 AM-12:55 PM PE 808 02/18-06/13

31303 White, G. HRS-ARRG 02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de

SOC 118 Minorities in America 3 Units

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

This course gives an overview of the psychological, social, economic, and political aspects of minority groups in contemporary American culture. It will emphasize the relationships among these groups and the dominate culture. 54 lecture hours. CSU UC

31100 Perez, R. TR 01:05 PM-02:30 PM LB 310 02/18-06/13

31101 Walz, S. HRS-ARRG 02/18-06/13
DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de

SOC 122 Introduction to Latino Studies 3 Units

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

An analysis of what it means to be Latino. An interdisciplinary course, focusing on the study of the psychological, social, political, and economic heritage of the Latino. Emphasis on examination of how ethnic groups are organized, and how they influence others and in turn are influenced. 54 lecture hours. CSU UC

31102 Perez, R. TR 09:55 AM-11:20 AM LB 306 02/18-06/13

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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SOC 201 Introduction to Sociology 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

31305	Hernandez, E.	MW	08:20 AM-09:45 AM	LB 302	02/18-06/13
31306	White, G.	MW	01:05 PM-02:30 PM	LB 104	02/18-06/13
31308	White, G.	TR	08:20 AM-09:45 AM	LB 102	02/18-06/13
31309	Walz, S.	TR	11:30 AM-12:55 PM	LB 301	02/18-06/13
<i>Learning Communities Class.</i>					
31313	Lau, B.	W	07:00 PM-10:10 PM	LB 102	02/18-06/13
31314	Lau, B.	R	03:40 PM-06:50 PM	LB 102	02/18-06/13
31316	Walz, S.	HRS-ARRG			02/18-06/13
<i>DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de</i>					
31318	White, G.	HRS-ARRG			04/20-06/13
<i>DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de</i>					

SOC 202 Contemporary Social Problems 3 Units

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

31319	White, G.	TR	09:55 AM-11:20 AM	LB 102	02/18-06/13
31320	White, G.	HRS-ARRG			02/18-06/13
<i>DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de</i>					

Spanish

SPAN 101 Spanish I 5 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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, 18 lab hours. CSU UC

30610	Colville, L.	MTWR	08:35 AM-09:45 AM	LB 106	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30614	Colville, L.	MTWR	10:10 AM-11:20 AM	LB 106	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30608	Garate, E.	MW	07:15 AM-09:45 AM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30613	Afzali, A.	MW	10:10 AM-12:40 PM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30633	Garate, E.	MW	03:50 PM-06:20 PM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30638	Sherman, J.	MW	06:30 PM-09:00 PM	IS 109	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30609	Garate, E.	TR	07:15 AM-09:45 AM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30612	Afzali, A.	TR	10:10 AM-12:40 PM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30615	Garate, E.	TR	11:30 AM-02:00 PM	LB 106	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30634	McGarry, A.	TR	03:50 PM-06:20 PM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30641	McGarry, A.	TR	06:40 PM-09:10 PM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					

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: READ 099 if required by reading placement exam or if required by reading 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, 18 lab hours. CSU UC

30642	Colville, L.	MW	11:30 AM-02:00 PM	LB 106	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					
30643	McGarry, A.	MW	06:30 PM-09:00 PM	LB 108	02/18-06/13
<i>+18 TOTAL HRS ARRG</i>					

SPAN 127 Spanish Civilization 3 Units

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

Spanish Civilization provides an interdisciplinary global understanding of the culture and history of Spain. The course critically analyzes contemporary Spanish society by examining the social and historical traditions and institutions that shape the Spanish way of life in the 20th century. This course is the same as HIST 127. 54 lecture hours. CSU UC

31129	Afzali, A.	HRS-ARRG			02/18-06/13
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SPAN 211 Reading and Composition for Speakers of Spanish II 5 Units

Strongly recommended: SPAN 210 and fluency in oral Spanish. Also, READ 099 if required by reading placement exam or if required by reading level.

A course for students who are fluent speakers of Spanish but who need to practice and refine their writing skills and formal oral skills. Reading in the literature of Spanish-speaking cultures. Review of grammar. 90 lecture hours. CSU UC

30645	Afzali, A.	MTWR	01:05 PM-02:15 PM	LB 108	02/18-06/13
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Speech

SPCH 100 Interpersonal Communication 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30654	Fincher, J.	MW	11:30 AM-12:55 PM	P1 104	02/18-06/13
30657	Chavez-Appel, M.	MW	01:05 PM-02:30 PM	LB 203	02/18-06/13
30660	Fincher, J.	MW	03:50 PM-05:15 PM	P1 104	02/18-06/13
30662	Tufano, A.	MW	07:00 PM-08:25 PM	P1 103	02/18-06/13
30658	Fincher, J.	TR	01:05 PM-02:30 PM	P1 104	02/18-06/13
30661	Maynard, P.	T	07:00 PM-10:10 PM	AN 101	02/18-06/13
30663	Nelson, M.	W	07:00 PM-10:10 PM	LB 308	02/18-06/13
30646	Deets, K.	F	08:10 AM-11:20 AM	P1 103	02/18-06/13
30656	Deets, K.	F	11:30 AM-02:40 PM	TC 127	02/18-06/13

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CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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SPCH 101 Public Address 3 Units

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

An introductory course in speaking skills, including the selection, preparation, and delivery of speeches for various audiences and situations. Principles and methods are studied and practiced for the achievement of ethical, purposeful, and effective public speaking. 54 lecture hours. CSU UC

30664	Jaimes, F.	MW	08:20 AM-09:45 AM	LL 102	02/18-06/13
30668	Anson, M.	MW	09:55 AM-11:20 AM	P1 103	02/18-06/13
30670	Anson, M.	MW	11:30 AM-12:55 PM	P1 103	02/18-06/13
30672	Van Horn, T.	MW	11:30 AM-12:55 PM	ED 205	02/18-06/13
30673	Van Horn, T.	MW	01:05 PM-02:30 PM	ED 205	02/18-06/13
30679	Tufano, A.	MW	05:25 PM-06:50 PM	LB 307	02/18-06/13
30665	Van Horn, T.	TR	09:55 AM-11:20 AM	ED 205	02/18-06/13
30667	Anson, M.	TR	09:55 AM-11:20 AM	P1 103	02/18-06/13
31360	Leach, L.	TR	09:55 AM-11:20 AM	P3 100	02/18-06/13

Learning Communities Class.

30671	Anson, M.	TR	11:30 AM-12:55 PM	P1 103	02/18-06/13
30669	Van Horn, T.	TR	11:30 AM-12:55 PM	ED 205	02/18-06/13
30674	Anson, M.	TR	01:05 PM-02:30 PM	P1 103	02/18-06/13
30676	Nelson, M.	TR	03:15 PM-04:40 PM	DHS	02/18-06/13

30675 Van Horn, T. T 01:05 PM-02:30 PM ED 205 02/18-06/13

ONLINE WORK REQUIRED - After registering go to www.citruscollege.edu/de

30677 Seymour, K. T 03:40 PM-06:50 PM P1 103 02/18-06/13

30681 Ozminkowski, M. W 07:00 PM-10:10 PM AN 101 02/18-06/13

30682 Maynard, P. R 07:00 PM-10:10 PM AN 101 02/18-06/13

31130 Van Horn, T. HRS-ARRG ED 205 02/18-06/13

DISTANCE EDUCATION CLASS. After registering go to www.citruscollege.edu/de MANDATORY ON-CAMPUS PRESENTATION MEETINGS: TUESDAYS 4:00 PM-10:00 PM. Must attend entire class on: 3/17, 4/21, and 5/19. THERE WILL BE A MANDATORY ON-CAMPUS FINAL.

SPCH 101H Public Address 3 Units

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

An introductory course in theory and techniques of public speaking in a democratic society. Discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of informative and persuasive speeches. Principles and methods are studied and practiced for the achievement of ethical, purposeful, and effective public speaking. Semester speech presentation project required. 54 lecture hours. CSU UC

31379 Van Horn, T. MW 09:55 AM-11:20 AM ED 205 02/18-06/13

SPCH 103 Argumentation and Debate 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30684 Fincher, J. MW 01:05 PM-02:30 PM P1 104 02/18-06/13

30683 Fincher, J. TR 11:30 AM-12:55 PM P1 104 02/18-06/13

SPCH 106 Small Group Communication 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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

30685 Buckalew, J. MW 01:05 PM-02:30 PM P1 103 02/18-06/13

Theatre Arts

THEA 101 Introduction to Theatre Arts 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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. 3 lecture hours per week. CSU UC

31193 Volonte, D. MW 09:55 AM-11:20 AM PA 193 02/18-06/13

THEA 104 Voice and Movement for the Actor 3 Units

Strongly recommended: Concurrent enrollment in THEA 201. Also, READ 099 if required by reading placement exam or if required by reading level.

A course in vocal anatomy, physiology, and phonetics as well as the exploration of how the voice and body work. Designed to develop the actor's awareness, relaxation, flexibility, and responsiveness in order to communicate openly and expressively. This course may be taken four times. 54 lecture hours, 36 lab hours. CSU UC

31195 Manus, C. MW 09:10 AM-11:20 AM PA 181 02/18-06/13

THEA 125 Technical Production Laboratory 2 Units

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

A laboratory in the technical production of stage scenery, lighting, sound, props, costuming or makeup. This course may be taken four times. 18 lecture hours, 90 lab hours. CSU UC

31198 Volonte, D. T 02:40 PM-03:35 PM PA 192 02/18-06/13
+80 TOTAL HRS ARRG

THEA 150 Introduction to Intelligent Lighting Systems for Theatre 3 Units

Strongly recommended: Successful completion of THEA 140, THEA 160, and READ 099. The study and manipulation of intelligent lighting systems and their use in various aspects of the entertainment field. 36 lecture hours, 54 lab hours arranged.

31199 Volonte, D. TR 01:00 PM-02:30 PM VT 117 02/18-06/13
+ 42 TOTAL HRS ARRG

THEA 201 Acting Fundamentals I 3 Units

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

A beginning level performance class with an introduction to the Stanislavski Method of acting. Provides a foundation in acting through a study of improvisation, vocal technique, historical concepts, and theory through scene and monologue work. This course may be taken four times. 54 lecture hours, 36 lab hours. CSU UC

31203 Brown, C. MW 11:30 AM-12:55 PM PA 193 02/18-06/13

+ 36 TOTAL HRS ARRG

31205 Staff MW 01:05 PM-02:30 PM VT 117 02/18-06/13

+ 36 TOTAL HRS ARRG

31206 Demita, J. T 07:05 PM-10:15 PM VT 117 02/18-06/13

+ 36 TOTAL HRS ARRG

THEA 202 Acting Fundamentals II 3 Units

Prerequisite: THEA 201.

An extension of the concepts as introduced in THEA 201. A more in-depth approach to contemporary theatre using the Stanislavski method as well as other methods of acting in character and scene study and analysis. Students may perform in an Acting Showcase at semester's end. This course may be taken four times. 54 lecture hours, 36 lab hours. CSU UC

31207 Hormann, N. TR 01:05 PM-02:30 PM PA 181 02/18-06/13

+ 36 TOTAL HRS ARRG

THEA 204 Stage and Screenwriting 3 Units

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

Beginning playwrights and screenwriters discover the basic craft of creating scripts for stage, screen, and television. The class will concentrate on current work and/or ideas and examples will be drawn from scripts, videos, and films that have shaped our modern consciousness. This course may be taken four times. 54 lecture hours, 18 lab hours. CSU

31208 Weiss, N. M 07:00 PM-10:10 PM PA 193 02/18-06/13

+ 18 TOTAL HRS ARRG

THEA 210 Rehearsal and Performance 2 Units

Prerequisite: Audition.

Participation in the production of a full-length play for public performance. This course may be taken four times. 144 lab hours. CSU UC

31209 Woolery, L. S 05:00 PM-05:50 PM PA 181 03/07-06/13

Audition required: Thursday, February 26 and Friday, February 27, 2009. Audition times and sign-up sheet will be posted by the little theatre, PA181. + 160 TOTAL HRS ARRG

31213 Brown, C. S 06:00 PM-06:50 PM PA 181 03/07-06/13

Audition required: Thursday, February 26 and Friday, February 27, 2009. Audition times and sign-up sheet will be posted by the little theatre, PA181. + 160 TOTAL HRS ARRG

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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THEA 211 Acting for the Camera 3 Units

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

The practice and study of the fundamental techniques required in acting before the camera in film and television in contrast to the variance from stage work. Students will address areas of voice and movement for the camera; blocking; memorization and audition techniques along with the introduction of quality head shots and resumes. This course may be taken four times. 54 lecture hours, 36 lab hours. CSU UC

31217	Weiss, N.	W	07:00 PM-10:10 PM	PA 193	02/18-06/13
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+ 36 TOTAL HRS ARR

THEA 220 Rehearsal and Performance (Styles) 2 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. 144 lab hours. CSU UC

31211	Woolery, L.	S	05:00 PM-05:50 PM	PA 181	03/07-06/13
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Audition required: Thursday, February 26 and Friday, February 27, 2009. Audition times and sign-up sheet will be posted by the little theatre, PA181. + 160 TOTAL HRS ARR

31215	Brown, C.	S	06:00 PM-06:50 PM	PA 181	03/07-06/13
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Audition required: Thursday, February 26 and Friday, February 27, 2009. Audition times and sign-up sheet will be posted by the little theatre, PA181. + 160 TOTAL HRS ARR

THEA 241 Fundamentals of Stage Direction 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
A study of the director's approach to play analysis, casting, and rehearsal technique leading to a performance. Students will receive practical experience in directing short scenes. This course may be taken two times. 36 lecture hours, 54 lab hours. CSU UC

31219	Brown, C.	TR	01:05 PM-02:30 PM	PA 192	02/18-06/13
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+ 42 TOTAL HRS ARR

THEA 245 Stage Management 3 Units

Prerequisite: THEA 120.
A study of the stage manager's duties and relationship to the director, actors and technicians. 36 lecture hours, 54 lab hours. CSU

31221	Volonte, D.	TR	11:30 AM-12:35 PM	RA 111	02/18-06/13
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+ 56 TOTAL HRS ARR

THEA 260 Introduction to Show Production Systems 3 Units

Strongly recommended: Successful completion of THEA 130, THEA 140, THEA 160, REC 135, and READ 099.
Co-requisite: Concurrent enrollment required of THEA 150 and THEA 245 or by Instructor Approval.
The study of show production systems. The function and inter-relation of complete entertainment staging systems in a single environment including: physical staging systems, projection systems, truss systems, lighting rig, computer and show control methods and rigging, power and distribution, crew and performer safety and access, trouble shooting and maintenance. Includes a study of the technical and design challenges posed by a variety of venues including theatre, theme parks, exhibit and trade shows, conventions, and cruise lines. College level reading strongly recommended. 54 lecture hours, 36 lab hours arranged.

31224	Volonte, D.	TR	09:55 AM-11:20 AM	PA 192	02/18-06/13
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THEA 294 Shakespeare in Production 3 Units

Prerequisite: THEA 284 or Audition.
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
Translating the Shakespearean text into an hour long performance adaptation. Students are required to participate in a theatrical production of a Shakespearean play for middle and high school students as well as public performance. In-class and out-of-class rehearsals may be necessary in order to complete production. This course may be taken four times. 54 lecture hours, 36 lab hours. CSU

31225	Brown, C.	TR	09:55 AM-11:20 AM	PA 181	02/24-06/13
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+ 42 TOTAL HRS ARR

Vocational Nursing

VNRS 150 Fundamentals of Nursing 3 Units

Prerequisite: NRS 100.
Corequisite: Concurrent enrollment required in VNRS 151L, 152, 153, 154, and 155.
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. The course provides 54 lecture hours at 6.75 hours per week for 8 weeks.

30339	Grauso, L.	T	09:00 AM-11:00 AM	TC 228	02/18-04/11
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Lecture section only. Lab section also required.

30339	Grauso, L.	T	01:00 PM-05:30 PM	TC 228	02/18-04/11
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Lecture section only. Lab section also required.

VNRS 151L Fundamentals of Nursing Lab 3 Units

Prerequisite: NRS 100.
Corequisite: Concurrent enrollment required in VNRS 150, 152, 153, 154, and 155.
Clinical application of theoretical concepts of basic nursing functions. Offered for Credit/No Credit grading only. 162 lab hours over the span of 8 weeks.

30345	Grauso, L.	WF	06:45 AM-04:50 PM	FD	02/18-04/11
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Lab section only. Lecture section also required.

30349	Bowman, D.	RF	06:45 AM-04:50 PM	FD	02/18-04/11
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Lab section only. Lecture section also required. Note: Clinical days and times are subject to change.

30347	Ellis, J.	WR	01:30 PM-11:35 PM	FD	02/18-04/11
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Lab section only. Lecture section also required.

VNRS 152 Pharmacology I 1 Units

Prerequisite: NRS 100
Corequisite: Concurrent enrollment required in VNRS 150, 151L, 153, 154, and 155.
A beginning course in pharmacology. Elementary use of drug formulas, conversions, and dosage forms. 18 lecture hours.

30350	Wong, J.	M	02:30 PM-04:35 PM	TC 228	02/18-04/11
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VNRS 153 Introductory Nutrition for the Vocational Nurse 1 Units

Prerequisite: NRS 100.
Corequisite: VNRS 150, 151L, 152, 154, and 155.
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.

30351	Grauso, L.	T	06:45 AM-08:50 AM	TC 228	02/18-04/11
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VNRS 154 Body Structure Function for the Vocational Nurse I 1.5 Unit

Prerequisite: NRS 100.
Corequisite: Concurrent enrollment required in VNRS 150, 151L, 152, 153, 155.
Vocational nursing students will explore the basic facts of human anatomy and the principles of physiology with selected clinical examples. 27 lecture hours.

30352	Bowman, D.	M	06:45 AM-09:55 AM	TC 228	02/18-04/11
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VNRS 155 Social Psychology for the Vocational Nurse 1 Units

Prerequisite: NRS 100.
Corequisite: Concurrent enrollment required in VNRS 150, 151L, 152, 153, and 154.
Job-related communications. Advanced problem-solving skills needed in the clinical area. 18 lecture hours.

30354	Ellis, J.	M	10:15 AM-12:20 PM	TC 228	02/18-04/11
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VNRS 160 Medical - Surgical Nursing I 3 Units

Prerequisite: VNRS 150, 151L, 152, 153, 154, 155.
Corequisite: Concurrent enrollment required in VNRS 161L, 162, 163, 164, and 165.
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 tehse clients. 54 lecture hours over the span of 8 weeks.

30359	Ellis, J.	T	09:00 AM-11:00 AM	TC 228	04/20-06/13
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Lecture section only. Lab section also required.

30359	Ellis, J.	T	01:00 PM-05:30 PM	TC 228	04/20-06/13
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Lecture section only. Lab section also required.

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	Dates	CRN	Instructor	Days	Time	Room	Dates
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VNRS 161L Medical - Surgical Nursing I Lab 3 Units

Prerequisite: VNRS 150.
 Corequisite: Concurrent enrollment required in VNRS 160, 162, 163, 164, and 165.
 Clinical application of theoretical concepts of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. Offered for Credit/No Credit Grading Only. 162 lab hours over the span of 8 weeks.

30398	Wong, J.	RF	06:45 AM-04:50 PM	FD	04/20-06/13
Lab section only. Lecture section also required. LATE START					
30366	Grauso, L.	WF	06:45 AM-04:50 PM	FD	04/20-06/13
Lab section only. Lecture section also required. LATE START					
30397	Ellis, J.	WR	01:30 PM-11:35 PM	FD	04/20-06/13
Lab section only. Lecture section also required. LATE START					

VNRS 162 Pharmacology II 1 Units

Prerequisite: VNRS 150, 151L, 152, 153, 154, 155.
 Corequisite: Concurrent enrollment required in VNRS 160, 161L, 163, 164, and 165.
 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.

30399	Wong, J.	M	02:30 PM-04:35 PM	TC 228	04/20-06/13
LATE START					

VNRS 163 Diet Therapy for the Vocational Nurse 1 Units

Prerequisite: SLOs for NRS 100. VNRS 150, 151L, 152, 154, 155.
 Corequisite: Concurrent enrollment required in VNRS 160, 161L, 162, 164, 165.
 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.

30400	Grauso, L.	T	06:45 AM-08:50 AM	TC 228	04/20-06/13
LATE START					

VNRS 164 Body Structure and Function for the Vocational Nurse II 1.5 Unit

Prerequisite: VNRS 150, 151L, 152, 153, 154, 155.
 Corequisite: Concurrent enrollment required in VNRS 160, 161, 162, 163, 165.
 Vocational nursing students will explore the basic facts of human anatomy and the principals of physiology with selected clinical examples. 27 lecture hours.

30401	Wong, J.	M	06:45 AM-09:55 AM	TC 228	04/20-06/13
LATE START					

VNRS 165 Growth and Development: Young Adult-Elderly 1 Units

Prerequisite: NRS 100. VNRS 150, 151L, 152, 153, 154, 155.
 Corequisite: Concurrent enrollment required in VNRS 160, 161L, 162, 163, 164.
 Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.
 Nursing assessment and promotion of health of the adult through death. Theoretical principles of growth and development. 18 lecture hours.

30402	Grauso, L.	M	10:15 AM-12:30 PM	TC 228	04/20-06/13
DISTANCE EDUCATION HYBRID CLASS. After registering go to www.citruscollege.edu/de					

VNRS 170 Medical-Surgical Nursing II 7 Units

Prerequisite: VNRS 160, 161L, 162, 163, 164, 165.
 Corequisite: VNRS 171L, 172, 173, 183.
 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 format with each body system includes basic assessment or data collection, planning, implementation, evaluation and documentation. Basic nursing skills are reinforced. Advanced skills include those related to the following body systems: cardiovascular, respiratory, neurological, genitourinary, endocrine, special senses. 126 lecture hours.

30403	Boquiren, C.	M	06:45 AM-02:20 PM	TC 229	02/18-06/13
Lecture section only. Lab section also required.					

VNRS 171L Medical-Surgical Nursing II Lab 7 Units

Prerequisite: VNRS 160, 161L, 162, 163, 164, 165.
 Corequisite: VNRS, 170, 172, 173, 183.
 Clinical application of theoretical concepts of medical-surgical nursing of patients with alterations of respiration, circulation, and introduction to care of the patient with neurological and genito-urinary conditions. 378 lab hours.

30408	Greene, D.	WR	06:45 AM-06:15 PM	FD	02/18-06/13
Lab section only. Lecture section also required.					

30409	Dunkerley, M.	WF	06:45 AM-06:15 PM	FD	02/18-06/13
Lab section only. Lecture section also required.					
30407	Boquiren, C.	WRF	01:00 PM-08:35 PM	FD	02/18-06/13
Lab section only. Lecture section also required.					

VNRS 172 Advanced Pharmacology 2 Units

Prerequisite: VNRS 160, 161L, 162, 163, 164, 165.
 Corequisite: VNRS 171L, 172, 173, 174, 175, 183.
 Fundamental principles of drug action and the application of specific drugs on the treatment of renal diseases for patients with alterations of respiration, circulation, the blood, endocrine function, neurological function, vision, and hearing. 36 lecture hours.

30410	Wong, J.	T	02:30 PM-04:35 PM	TC 229	02/18-06/13
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VNRS 173 Psychology for Vocational Nurses 2 Units

Prerequisite: VNRS 160.
 Corequisite: Concurrent enrollment required in VNRS 171L.
 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.

30411	Greene, D.	T	08:50 AM-10:55 AM	TC 229	02/18-06/13
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VNRS 183 Leadership in Nursing 3 Units

Prerequisite: VNRS 160, 161L, 162, 163, 164, 165.
 Corequisite: VNRS 171L, 172, 173.
 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.

30412	Tucker, G.		HRS-ARRG		02/18-06/13
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
30951	Dunkerley, M.	WF	06:16 PM-07:40 PM	FD	02/18-06/13
Lab section only. Lecture section also required.					
30950	Greene, D.	WR	06:16 PM-07:40 PM	FD	02/18-06/13
Lab section only. Lecture section also required.					
30946	Boquiren, C.	WRF	08:36 PM-09:41 PM	FD	02/18-06/13
Lab section only. Lecture section also required.					

Water Technology

WATR 150 Introduction to Water Systems 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading 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.

30603	Glancy, J.	W	07:00 PM-10:10 PM	HH 754	02/18-06/13
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WATR 153 Water Resources and Distribution II 3 Units

Strongly recommended: MATH 130 and WATR 150.
 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 D-3, D-4, and D-5 Water Distribution Operator's examinations. 54 hours lecture.

30605	Kurimoto, R.	R	06:30 PM-09:40 PM	HH 754	02/18-06/13
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WATR 156 Water Treatment I 3 Units

Strongly recommended: MATH 130 AND WATR 150.
 Course covering water resources, water quality, unit operations of water treatment, public health requirements, and the basics of water chemistry and aquatic microbiology. Prepares students for the T-1, T-2, and T-3 Water Treatment Operator's Certificate examinations given by the State of California. 54 hours lecture.

30607	Sherman, S.	T	06:30 PM-09:40 PM	HH 754	02/18-06/13
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