

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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## Accounting

### ACCT 100 Accounting

4 Units

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

The objective of this course is to provide an elementary accounting background for business students. Course content includes development of the accounts through journalizing, cash journal entries, sales and purchases, posting, trial balance, work sheet and resultant financial statements. 72 lecture hours.

31702 Borja, P. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on-campus.**

### ACCT 101 Financial Accounting

4 Units

Strongly recommended: ACCT 100 or high school bookkeeping, or related job experience.

The objectives of this course are to learn the content and meaning of the basic financial statements and their impact on the decision-making process in the business environment. This course will provide a broad overview of the importance of accounting in the business process as well as introduce the student to the double entry system of accounting, how to record, process and report on the business transactions and events and to consider the operating cycles in business. Topical areas covered in this class will include cash, accounts, inventory, property, plant and equipment, intangible assets, current liabilities and stockholder equity. The importance of internal controls will be reviewed and the components of the income statement will also be discussed. 72 lecture hours. CSU UC

30022 Smolin, R. MW 09:55 AM-12:00 PM 02/21-06/16  
 30020 Borja, P. MW 10:00 AM-12:05 PM LB 208 02/21-06/16  
 32160 Raymundo, N. MW 02:30 PM-04:35 PM LB 208 02/21-06/16  
 32695 Borja, P. TR 12:15 PM-02:20 PM LB 208 02/21-06/16  
 32372 Smolin, R. M 06:00 PM-10:15 PM LB 208 02/21-04/13  
 Smolin, R. HRS-ARRG ONLINE 02/21-04/13

**ONLINE EDUCATION HYBRID FAST TRACK CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Class will meet every Monday. Online work also required. First 8 weeks. Requires enrollment in ACCT 102 CRN 32592.**

30028 Smolin, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on-campus.**

### ACCT 102 Managerial Accounting

4 Units

Prerequisite: ACCT 101 or ACCT 101H.

This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments. 72 lecture hours. CSU UC

31840 Borja, P. MW 12:15 PM-02:20 PM LB 208 02/21-06/16  
 30034 Smolin, R. TR 10:00 AM-12:05 PM LB 208 02/21-06/16  
 30033 Borja, P. T 06:00 PM-10:15 PM LB 208 02/21-06/16  
 32592 Smolin, R. M 06:00 PM-10:15 PM LB 208 04/23-06/16  
 Smolin, R. HRS-ARRG ONLINE 04/23-06/16

**ONLINE EDUCATION HYBRID FAST TRACK CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Class will meet every Monday. Online work also required. Second 8 weeks. Requires enrollment in ACCT 101 CRN 32372.**

30035 Smolin, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on-campus.**

### ACCT 110 Income Tax Accounting

4 Units

A course designed to study the federal income tax process, federal income tax laws that apply to individuals, and the application of tax principles to specific problems. Topics include gross income and exclusions, business deductions and itemized deductions, losses, certain tax credits and property transactions. Study is also made of California income tax laws in those areas which differ from federal tax law. 72 lecture hours. CSU

32373 Borja, P. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

### ACCT 115 QuickBooks

2 Units

Instruction in QuickBooks, a computerized accounting system for business. Applies basic accounting concepts. 36 lecture hours.

33424 Raymundo, N. M 06:00 PM-08:50 PM IS 108 03/12-06/11  
**12 weeks.**

## Administration of Justice

### AJ 101 Introduction to the Administration of Justice

3 Units

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

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped these principles and approaches. Although justice structure and process is examined in a cross cultural context, emphasis is placed on the U.S. justice system, particularly the structure and function of U.S. police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies. 54 lecture hours. CSU UC

30728 Woolum, J. MW 08:20 AM-09:45 AM TE 153 02/21-06/16  
 32697 Woolum, J. TR 09:55 AM-11:20 AM TE 153 02/21-06/16  
 32021 Woolum, J. TR 01:05 PM-02:30 PM TE 153 02/21-06/16  
 30726 Wong, K. M 07:00 PM-10:10 PM TE 153 02/21-06/16  
 32698 Provencher, H. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
 33219 Provencher, H. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

### AJ 102 Concepts of Criminal Law

3 Units

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

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

30735 Woolum, J. TR 08:20 AM-09:45 AM TE 153 02/21-06/16  
 32028 Woolum, J. MW 01:05 PM-02:30 PM TE 153 02/21-06/16  
 32700 Gold, P. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

### AJ 103 Legal Aspects of Evidence

3 Units

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

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

30736 Provencher, H. MW 11:30 AM-12:55 PM TE 153 02/21-06/16  
 32701 Gold, P. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

### AJ 105 Criminal Investigation

3 Units

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

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

31087 Dennis, P. M 03:40 PM-06:50 PM TE 153 02/21-06/16

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**AJ 109 Criminal Court Process 3 Units**

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

This course provides an examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state constitutional law precedents. 54 lecture hours. CSU

31563	Woolum, J.	MW	09:55 AM-11:20 AM	TE 153	02/21-06/16
32024	Gregoire, M.	W	07:00 PM-10:10 PM	TE 153	02/21-06/16

**Low Cost/No Cost Textbook.**

**AJ 111 Narcotics and Vice Control 3 Units**

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

History, identification, and effects of narcotics. Current narcotic and vice problems. Special emphasis on laws affecting the control of narcotics and vice. 54 lecture hours. CSU

31559	Hunt, S.	R	07:00 PM-10:10 PM	TE 153	02/21-06/16
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**AJ 112 Community and the Justice System 3 Units**

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

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in culture, religion, and law. 54 lecture hours. CSU UC

30737	Provencher, H.	TR	08:20 AM-09:45 AM	LB 302	02/21-06/16
33437	Provencher, H.	HRS-ARRG	ONLINE	02/21-06/16	

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**AJ 121 Death Investigation 3 Units**

Prerequisite: AJ 101.

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

A multimedia examination of the medico-legal investigation of death.

Focuses on natural and accidental deaths, suicides, and homicides. Special attention to deaths by gunshot wounds, burns, sharp force injury, blunt force trauma, and multi-casualty incidents. 54 lecture hours. CSU

31086	Elias, B.	T	07:00 PM-10:10 PM	TE 153	02/21-06/16
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**AJ 130 Introduction to Probation and Parole 3 Units**

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

A survey of the role of probation and parole in today's criminal justice system. Career opportunities available in probation and parole work will be included. 54 lecture hours. CSU

33429	Washington, L.	HRS-ARRG	ONLINE	02/21-06/16	
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**AJ 136 Correctional Interviewing and Counseling 3 Units**

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

The techniques in counseling and interviewing available to practitioners in corrections. The student will learn the use of appropriate techniques and theories in confidence building which may be used by the correctional employee in client interviews and counseling. 54 lecture hours. CSU

32703	Provencher, H.	TR	01:05 PM-02:30 PM	LB 302	02/21-06/16
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**AJ 137 Legal Aspects of Corrections 3 Units**

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

The historical legal framework, concepts, and precedents that guide correctional practice. Course material will broaden the individual's perspective of the corrections environment, the civil rights of prisoners, and responsibilities and liabilities of corrections officials. 54 lecture hours CSU

32353	Provencher, H.	MW	01:05 PM-02:30 PM	PS 113	02/21-06/16
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**AJ 150 Introduction to Forensics 3 Units**

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

This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances. 54 lecture hours. CSU

32704	Huber, L.	F	08:10 AM-11:20 AM	LB 104	02/21-06/16
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**Anthropology****ANTH 210 Introduction to Cultural Anthropology 3 Units**

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

Students will critically examine various societies around the world using basic cultural concepts such as language, food production, economics, kinship, art, religion, and magic. The class is designed to foster a pluralistic view of the world, teach introductory anthropological concepts, and strengthen critical thinking skills. College level reading is strongly advised for success in the course. 54 lecture hours. CSU UC

30766	Bennett, M.	MW	08:20 AM-09:45 AM	LB 102	02/21-06/16
30764	Miller Thayer, J.	MW	09:55 AM-11:20 AM	LB 301	02/21-06/16
30768	Bennett, M.	TR	09:55 AM-11:20 AM	LB 102	02/21-06/16
32715	Vilos, J.	R	07:00 PM-10:10 PM	LB 303	02/21-06/16
33412	Miller Thayer, J.	HRS-ARRG	ONLINE	02/21-06/16	

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

32714	Miller Thayer, J.	HRS-ARRG	ONLINE	02/21-06/16	
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ANTH 210H Introduction to Cultural Anthropology 3 Units - Honors**

Prerequisite: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

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

Students will critically examine various societies around the world using basic cultural concepts such as marriage, family, art, food production, political organization, and religion. The class is designed to foster a pluralistic view of the world, teach introductory anthropological concepts, and strengthen critical thinking. College level reading is strongly advised for success in the course. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of anthropological readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU UC

31219	Miller Thayer, J.	TR	09:55 AM-11:20 AM	ED 129	02/21-06/16
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**ANTH 212 Introduction to Physical Anthropology 3 Units**

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

An introductory study of the biological origin of humans. The course will emphasize the biology of humans, human evolution, taxonomy, pre human fossil identification, and adaption to the environment. **CONCURRENT ENROLLMENT WITH ANTH 212L IS REQUIRED TO RECEIVE LAB SCIENCE CREDIT.** College level reading is highly recommended for success in the course. 54 lecture hours. CSU UC

30769	Wills, L.	MW	09:55 AM-11:20 AM	LB 102	02/21-06/16
33274	Nielson, W.	TR	01:05 PM-02:30 PM	LB 102	02/21-06/16
31753	Salvi, L.	HRS-ARRG	ONLINE	02/21-06/16	

**LECTURE SECTION ONLY. Lab section CRN 30770 or CRN 32056 is also required to receive lab science credit.**

**LECTURE SECTION ONLY. Lab section CRN 33264 or CRN 33265 is also required to receive lab science credit.**

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**LECTURE SECTION ONLY. Lab section CRN 31754 for ANTH 212L is also required to receive lab science credit.**

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**ANTH 212L Introduction to Physical Anthropology Lab 1 Units**

Corequisite: ANTH 212.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course is the lab component for Introduction to Physical Anthropology 212. In the lab, students will have an expanded opportunity to work with anatomy, skeletal identification, taxonomy, and evolutionary trends.  
 Concurrent enrollment with ANTH 212 is required. College level reading is highly recommended for success in the course. 54 lab hours. CSU UC  
 30770 Wills, L. M 11:30 AM-02:40 PM LB 102 02/21-06/16  
**LAB SECTION ONLY. Lecture section CRN 30769 for ANTH 212 is also required.**  
 32056 Wills, L. W 11:30 AM-02:40 PM LB 102 02/21-06/16  
**LAB SECTION ONLY. Lecture section CRN 30769 for ANTH 212 is also required.**  
 33264 Nielson, W. T 02:50 PM-06:00 PM LB 102 02/21-06/16  
**LAB SECTION ONLY. Lecture section CRN 33274 for ANTH 212 is also required.**  
 33265 Nielson, W. R 02:50 PM-06:00 PM LB 102 02/21-06/16  
**LAB SECTION ONLY. Lecture section CRN 33274 for ANTH 212 is also required.**  
 31754 Salvi, L. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe.**  
**LAB SECTION ONLY. Lecture section CRN 31753 for ANTH 212 is also required.**

**ANTH 216 Sex and Gender in Cross Cultural Perspectives 3 Units**

Strongly recommended: ANTH 210 or ANTH 210H or SOC 201 or SOC 201H.  
 A cross-cultural look at different groups' ideas of sex and gender. The course will focus on attitudes, beliefs, and socialization techniques. Theories behind the formation of gender will be explored. Both anthropological and sociological terms and concepts will be utilized for a cross disciplinary approach. This is primarily a seminar style course; college level reading and participation is necessary for successful completion. 54 lecture hours. CSU UC  
 33068 Miller Thayer, J. TR 11:30 AM-12:55 PM LB 303 02/21-06/16

**ANTH 220 Introduction to Archaeology 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An introductory study of the science of archaeology. The course will emphasize the evolution of human material culture, the laws and theories governing the science of archaeology, archaeological processes, and the realities of archaeology versus popular culture definitions. College level reading is strongly recommended for success in the course. 54 lecture hours. CSU UC  
 32717 Vilos, J. W 07:00 PM-10:10 PM LB 102 02/21-06/16

**ANTH 224 Anthropology of Religion, Magic, and Witchcraft 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This introductory course examines the forms and functions of religion cross-culturally and the manners in which anthropology investigates religious beliefs and practices. This course emphasizes applying cultural relativism to the study of topics such as mythology, magic, witchcraft, altered states of consciousness, supernatural beings, souls and ghosts, and the question of cults. Connections between religious life and general patterns of human behavior are explored, including the role of ritual in social life, the use of specialists, and processes of cultural change. 54 lecture hours. CSU UC  
 32718 Miller Thayer, J. MW 08:20 AM-09:45 AM LB 301 02/21-06/16

**Architecture**

**ARCH 100 Introduction to Architecture and Environmental Design Foundations 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An introductory course for students interested in exploring the fields of architecture, environmental design, architectural technology and developing a working knowledge of planning and design. Introducing architecture and environmental design majors to design fundamentals, stressing a basic vocabulary of 2-D and 3-D design and design process in an atmosphere of discovery and creativity. Introduction to the examination of aesthetic, symbolic, and cultural elements. 54 lecture hours. CSU  
 31606 Fernandes, R. MW 09:00 AM-10:25 AM PC 309 02/21-06/16  
 32800 Anfiteatro, A. MW 06:45 PM-08:10 PM PC 309 02/21-06/16

**ARCH 102 Visual Communication 2.5 Units:**

Strongly recommended: DRAF 101; ENGL 099 if required by English placement exam or if required by English level.  
 Visual communication of 2-D and 3-D forms and functions are explored using sketching, drawing, and 2-D and 3-D software. Using 2-D and 3-D software, natural and man-made forms are analyzed. Color and texture of form are studied as they are revealed by light, shade, and shadow. Students' perceptions of subject matter are translated into convincing visual expressions by learning the graphic skills and the use of a variety of media. Students sketch, draw and render projects. 36 lecture hours, 36 lab hours. CSU  
 31612 Tabata, F. TR 03:30 PM-04:25 PM PC 309 02/21-06/16  
 Tabata, F. TR 04:35 PM-05:40 PM PC 309 02/21-06/16

**ARCH 110 Introduction to Design Fundamentals and Communication 4 Units**

Strongly recommended: ARCH 100; ENGL 099 if required by English placement exam or if required by English level.  
 Introduction to architectural design fundamentals, stressing a basic vocabulary of 2-D and 3-D design and design process in an atmosphere of discovery and creativity. Projects will focus on perception, visualization, representation, and expression as well as an introduction to the examination of aesthetic, symbolic, and cultural elements. Students analyze and apply architectural theory, principles, techniques and model making. The course includes an examination of presentation types and how they can be utilized to communicate architectural ideas. 54 lecture hours, 54 lab hours. CSU  
 31608 Fernandes, R. MW 10:35 AM-12:00 PM PC 306 02/21-06/16  
 Fernandes, R. MW 12:10 PM-01:45 PM PC 309 02/21-06/16  
 33084 Tabata, F. TR 12:10 PM-01:45 PM PC 309 02/21-06/16  
 Tabata, F. TR 01:55 PM-03:20 PM PC 309 02/21-06/16

**ARCH 111 Foundation Design 4 Units**

Prerequisite: ARCH 110.  
 Strongly recommended: DRAF 101.  
 An introduction to the processes of design through studio projects addressing the role of process in the development of form. The course focuses on drawing and model construction as a means to seeing and understanding. The course includes exploration of the design process and the formal and spatial language of architecture as well as use of case studies. This course provides students with a analysis of material applications and the fundamental knowledge of methods of construction. 54 lecture hours, 54 lab hours. CSU  
 31609 Fernandes, R. MW 12:10 PM-01:45 PM PC 309 02/21-06/16  
 Fernandes, R. MW 02:00 PM-03:25 PM PC 306 02/21-06/16

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**ARCH 202 Architectural Design II 4 Units**

Prerequisite: ARCH 110.  
 Strongly recommended: DRAF 101.  
 Basic design exercises focus on buildings and their relationship to site and design process using simple programs, the influence of context, introducing sustainability and environmental constraints. Students analyze and incorporate environmental site factors, simple program requirements and basic knowledge of building materials. The design process of sustainability, climate and lighting issues are incorporated as integral components of an architectural design solution. A portfolio of the assigned design exercises completes the course requirements. 36 lecture hours, 72 lab hours. CSU UC  
 31635 Fernandes, R. MW 03:35 PM-05:00 PM PC 309 02/21-06/16  
 Fernandes, R. MW 12:10 PM-01:45 PM PC 306 02/21-06/16

**ARCH 250 History of Architecture: Prehistory to Mannerism 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 Development of architecture from Prehistory, ancient Egypt, ancient Greece, Rome to the Mannerism period. Influence of geography, religion and socio-economic movements on architecture are explored. The role of a built environment in social, cultural, and political life: how buildings are constructed, what they mean, effects they have on the world, and ways they imagine new futures and shape private and public life. This course spotlights new possibilities for shaping the world in which we live, with an emphasis on how architecture extends to cities, roads, books and films. Consideration is given to historical context and cultural genealogy of particular buildings and environments, material and economic conditions of buildings and more. 54 lecture hours. CSU UC  
 32803 Anfiteatro, A. TR 08:00 AM-09:25 AM PC 309 02/21-06/16

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

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 Exploration of the role of a built environment in social, cultural, and political life: how buildings are constructed, what they mean, effects they have on the world, and ways they imagine new futures and shape private and public life. This course spotlights a series of contemporary case studies for what each reveals about new possibilities for shaping the world in which we live, with an emphasis on how architecture extends to cities, roads, books and films. Consideration is given to historical context and cultural genealogy of particular buildings and environments, material and economic conditions of building, and more. 54 lecture hours. CSU UC  
 31611 Fernandes, R. MW 05:10 PM-06:35 PM PC 309 02/21-06/16

**Art**

**ART 100A Survey of Western Art from Prehistory through the Middle Ages 3 Units**

This course provides an overview of western art and architecture from prehistory through the medieval period. 54 lecture hours. CSU UC  
 33024 Besancon, C. MW 09:55 AM-11:20 AM VA 130 02/21-06/16

**ART 100B Survey of Western Art from Renaissance to Contemporary 3 Units**

This course provides an overview of art and architecture from the Renaissance to the Contemporary period. 54 lecture hours. CSU UC  
 32409 Besancon, C. TR 01:05 PM-02:30 PM VA 130 02/21-06/16  
 32396 Rachford, M. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ART 101 Art History and Appreciation-Ancient 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course covers the history of western art from its prehistoric beginnings to the fall of Rome. Some of the course content is concerned with the appreciation of art as well as its history. 54 lecture hours. CSU UC  
 30413 Besancon, C. MW 11:30 AM-12:55 PM VA 132 02/21-06/16  
 33315 Rusch, L. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
 30415 Johnson, S. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 Weeks.**

**ART 102 Art History and Appreciation - Medieval 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course covers the history of western art from the fall of Rome to the beginning of the Renaissance. Some of the course content is concerned with the fundamentals of art appreciation as well as its history. 54 lecture hours. CSU UC  
 33026 Besancon, C. TR 11:30 AM-12:55 PM VA 132 02/21-06/16

**ART 103 Art History and Appreciation - Renaissance to Rococo 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course covers the history of western art from the early Renaissance through the Rococo period. This course is concerned with both the history of art and the fundamentals of the appreciation of art. 54 lecture hours. CSU UC  
 32410 Holmes, A. TR 08:20 AM-09:45 AM VA 132 02/21-06/16  
 30417 Rusch, L. MW 09:55 AM-11:20 AM VA 132 02/21-06/16  
 33316 Besancon, C. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ART 105 Art History and Appreciation - Early 20th Century Art 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course covers the history of western art from the late 19th century to mid 20th century. The course is concerned with the fundamentals of art appreciation as well as the history of our times. 54 lecture hours. CSU UC  
 33032 Guthery, S. TR 02:40 PM-04:05 PM VA 132 02/21-06/16

**ART 110 Introduction to the Visual Arts 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A course designed to further the general education of all students. Students will be introduced to the visual arts through aesthetics, critique, history, and by creating art using various mediums. 36 lecture hours, 72 lab hours. CSU UC  
 30421 Rachford, M. MW 08:10 AM-09:15 AM VA 331 02/21-06/16  
 Rachford, M. MW 09:25 AM-11:20 AM VA 331 02/21-06/16  
 33410 Rachford, M. MW 11:30 AM-12:35 PM VA 331 02/21-06/16  
 Rachford, M. MW 12:45 PM-02:40 PM VA 331 02/21-06/16  
 32758 Rachford, M. TR 11:30 AM-12:35 PM VA 331 02/21-06/16  
 Rachford, M. TR 12:45 PM-02:40 PM VA 331 02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>ART 111</b>	<b>Beginning Drawing</b>								
3 Units					Experiments involving the design elements and principles in the creation of three-dimensional form and spatial relationships. Critical evaluation of designs for aesthetic, technical, and theoretical concerns. Required of all art majors. Material fee. 36 lecture hours, 72 lab hours. CSU UC				
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.					31760 Teraoka, A. F 08:10 AM-10:15 AM VA 110 02/21-06/16				
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					Teraoka, A. F 10:25 AM-02:35 PM VA 110 02/21-06/16				
32316	Duffy, D.	MW	08:10 AM-09:15 AM	VA 309	<b>ART 127</b>	<b>Display and Exhibition Design</b>			
	Duffy, D.	MW	09:25 AM-11:20 AM	VA 309	3 Units				
32327	Escalante, D.	TR	08:10 AM-09:15 AM	VA 334	Explores concepts and hands-on applications of the curatorial processes, gallery operations and gallery management skills. Examines the professional side of the arts, emphasizing contemporary art, theories, practices and media. 36 lecture hours, 72 lab hours. CSU				
	Escalante, D.	TR	09:25 AM-11:20 AM	VA 334	33317	Guthery, S.	F	09:00 AM-11:05 AM	VA 132
33062	Rochlin, J.	MW	11:30 AM-12:35 PM	VA 309		Guthery, S.	F	11:15 AM-03:25 PM	VA 132
	Rochlin, J.	MW	12:45 PM-02:40 PM	VA 309	<b>ART 130</b>	<b>Beginning Painting</b>			
30427	Watkins, R.	TR	11:30 AM-12:35 PM	VA 309	3 Units				
	Watkins, R.	TR	12:45 PM-02:40 PM	VA 309	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				
32326	Culverson, A.	MW	02:50 PM-03:55 PM	VA 334	30455	Duffy, D.	TR	08:10 AM-09:15 AM	VA 303
	Culverson, A.	MW	04:05 PM-06:00 PM	VA 334		Duffy, D.	TR	09:25 AM-11:20 AM	VA 303
30431	Grip, K.	TR	02:50 PM-03:55 PM	VA 309	32318	Duffy, D.	MW	11:30 AM-12:35 PM	VA 303
	Grip, K.	TR	04:05 PM-06:00 PM	VA 309		Duffy, D.	MW	12:45 PM-02:40 PM	VA 303
32325	Culverson, A.	MW	06:10 PM-07:15 PM	VA 309	33422	Meredith, S.	TR	02:50 PM-03:55 PM	VA 303
	Culverson, A.	MW	07:25 PM-09:20 PM	VA 309		Meredith, S.	TR	04:05 PM-06:00 PM	VA 303
33206	Botello, R.	F	09:00 AM-11:05 AM	VA 309	<b>ART 131</b>	<b>Intermediate Painting</b>			
	Botello, R.	F	11:15 AM-03:25 PM	VA 309	3 Units				
<b>ART 112</b>	<b>Intermediate Drawing</b>				Prerequisite: ART 130.				
3 Units					Development of expressive painting concepts and techniques in oil and acrylic, with emphasis on historical, theoretical, and cultural meanings. Standard painting media. 36 lecture hours, 72 lab hours. CSU UC				
Prerequisite: ART 111.					30459	Duffy, D.	TR	08:10 AM-09:15 AM	VA 303
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						Duffy, D.	TR	09:25 AM-11:20 AM	VA 303
32317	Roth, S.	MW	11:30 AM-12:35 PM	VA 334	32319	Duffy, D.	MW	11:30 AM-12:35 PM	VA 303
	Roth, S.	MW	12:45 PM-02:40 PM	VA 334		Duffy, D.	MW	12:45 PM-02:40 PM	VA 303
<b>ART 115</b>	<b>Figure Drawing I</b>				<b>ART 140</b>	<b>Beginning Ceramics</b>			
3 Units					3 Units				
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. 36 lecture hours, 72 lab hours. CSU UC					This course explores basic techniques of pottery making. It includes handbuilding and throwing on the potter's wheel. Emphasis is on understanding the qualities of clay, appreciation of basic pottery forms, simple glazing technique and the development of personal expression. Material fee. 36 lecture hours, 72 lab hours. CSU UC				
30445	Wessel, M.	TR	02:50 PM-03:55 PM	VA 334	32760	Hillman, M.	TR	08:10 AM-09:15 AM	VA 101
	Wessel, M.	TR	04:05 PM-06:00 PM	VA 334		Hillman, M.	TR	09:25 AM-11:20 AM	VA 101
33150	Wessel, M.	TR	06:10 PM-07:15 PM	VA 334	30479	Hillman, M.	TR	11:30 AM-12:35 PM	VA 101
	Wessel, M.	TR	07:25 PM-09:20 PM	VA 334		Hillman, M.	TR	12:45 PM-02:40 PM	VA 101
<b>ART 116</b>	<b>Figure Drawing II</b>				30463	Hillman, M.	MW	02:50 PM-03:55 PM	VA 101
3 Units						Hillman, M.	MW	04:05 PM-06:00 PM	VA 101
Prerequisite: ART 115.					33136	Perez, S.	TR	06:10 PM-07:15 PM	VA 101
A continuation of the structural study of the figure with emphasis on the exploration of expressive concepts, media, and techniques. Included will be reading for historical, theoretical, and aesthetic application to class material. 36 lecture hours, 72 lab hours. CSU UC						Perez, S.	TR	07:25 PM-09:20 PM	VA 101
32321	Wessel, M.	TR	02:50 PM-03:55 PM	VA 334	<b>ART 141</b>	<b>Intermediate Ceramics</b>			
	Wessel, M.	TR	04:05 PM-06:00 PM	VA 334	3 Units				
33292	Wessel, M.	TR	06:10 PM-07:15 PM	VA 334	Prerequisite: ART 140.				
	Wessel, M.	TR	07:25 PM-09:20 PM	VA 334	This course further develops basic pottery skills by introducing new forms on the potter's wheel and additional decorating and glazing techniques. Material fee. 36 lecture hours, 72 lab hours. CSU UC				
<b>ART 120</b>	<b>Two-Dimensional Design</b>				30481	Hillman, M.	MW	06:10 PM-07:15 PM	VA 101
3 Units						Hillman, M.	MW	07:25 PM-09:20 PM	VA 101
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					<b>ART 143</b>	<b>Ceramic Handbuilding</b>			
32328	Watkins, R.	TR	08:10 AM-09:15 AM	VA 331	3 Units				
	Watkins, R.	TR	09:25 AM-11:20 AM	VA 331	This course is an introduction to ceramic handbuilding techniques and processes. Traditional methods of forming, joinery and construction are introduced. Material fee. 36 lecture hours, 72 lab hours. CSU UC				
33411	Roth, S.	MW	02:50 PM-03:55 PM	VA 331	32759	Rochlin, J.	MW	08:10 AM-09:15 AM	VA 101
	Roth, S.	MW	04:05 PM-06:00 PM	VA 331		Rochlin, J.	MW	09:25 AM-11:20 AM	VA 101
<b>ART 121</b>	<b>Three-Dimensional Design</b>				<b>ART 143</b>	<b>Ceramic Handbuilding</b>			
3 Units					3 Units				

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**ART 145 Ceramic Design and Decoration 3 Units**

Prerequisite: ART 141.

This course involves hand built and wheel thrown projects that investigate problems in pottery form and surface enhancement. Other related topics include the effect of various firing methods and exhibit preparation. 36 lecture hours, 72 lab hours. CSU UC

30484	Hillman, M.	MW	06:10 PM-07:15 PM	VA 101	02/21-06/16
	Hillman, M.	MW	07:25 PM-09:20 PM	VA 101	02/21-06/16

**ART 149 Studio Problems in Ceramics 1 Units**

Prerequisite: ART 141.

Independent study involving intermediate or advanced projects in studio ceramics. Materials used include clay, engobe, stain and glaze. Firing techniques, studio practices, display, and exhibition design is included. Material fee. 18 lecture hours, 18 lab hours. CSU UC

32764	Hillman, M.	M	06:10 PM-07:15 PM	VA 101	02/21-06/16
	Hillman, M.	W	06:10 PM-07:15 PM	VA 101	02/21-06/16

**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. Operating system, printers, scanners, and digital cameras are also explored in this course. Material fee. 36 lecture hours, 72 lab hours. CSU UC

33165	Perez, R.	MW	11:30 AM-12:35 PM	VA 202	02/21-06/16
	Perez, R.	MW	12:45 PM-02:40 PM	VA 202	02/21-06/16
30488	Jackson, M.	TR	11:30 AM-12:35 PM	VA 210	02/21-06/16
	Jackson, M.	TR	12:45 PM-02:40 PM	VA 210	02/21-06/16

**ART 153 Digital Media Productions I 3 Units**

Strongly recommended: ART 150 or Portfolio review.

An overview of multimedia production and associated technology. The course will use Illustrator, PhotoShop and other software in the development of graphic presentations for use in business and communications. Students will be provided an opportunity to produce computer graphics merging images and text for large format printing. Material fee. 36 lecture hours, 72 lab hours. CSU

30506	Jackson, M.	TR	08:10 AM-09:15 AM	VA 210	02/21-06/16
	Jackson, M.	TR	09:25 AM-11:20 AM	VA 210	02/21-06/16

**ART 158 Commercial Graphic Design 3 Units**

Strongly recommended: ART 111, ART 120 and ART 150.

Students will examine graphic design in advertising, corporate identity, video, billboards and print media. Utilizing Illustrator, PhotoShop and Quark computer software. Students will apply principles of color theory, layout and typography to their design concepts preparing projects for commercial printing. Material fee. 36 lecture hours, 72 lab hours. CSU

30507	Rachford, M.	TR	08:10 AM-09:15 AM	VA 202	02/21-06/16
	Rachford, M.	TR	09:25 AM-11:20 AM	VA 202	02/21-06/16

**ART 159 Introduction to Typography 3 Units**

Strongly recommended: ART 150.

Introduction to fundamental concepts, practices, and theories of typography. Topics include terminology, history, vocabulary, classification, design and contemporary use of type. Utilizing board skills and software programs students will creatively manipulate type fonts in designs and layout applications, demonstrating a sensitivity to the characteristics and communicative values of typography. 36 lecture hours, 54 lab hours. CSU

32315	Rachford, M.	TR	08:10 AM-09:15 AM	VA 202	02/21-06/16
	Rachford, M.	TR	09:25 AM-11:20 AM	VA 202	02/21-06/16

**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. 36 lecture hours, 72 lab hours. CSU

32433	San Pablo, K.	TR	06:10 PM-07:15 PM	VA 202	02/21-06/16
	San Pablo, K.	TR	07:25 PM-09:20 PM	VA 202	02/21-06/16

**ART 167 Web Design I 3 Units**

Strongly recommended: ART 150.

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

31583	Jackson, M.	MW	11:30 AM-12:35 PM	VA 210	02/21-06/16
	Jackson, M.	MW	12:45 PM-02:40 PM	VA 210	02/21-06/16

**ART 168 Animation I 3 Units**

Strongly Recommended: ART 150 and/or Portfolio review.

The focus of this course is to introduce the fundamentals of two-dimensional animation with emphasis on the computer as a tool. Student projects involve scripting, storyboarding, action, transition, and timing character development, and portfolio enhancement. 36 lecture hours, 72 lab hours. CSU

31294	Jackson, M.	MW	08:10 AM-09:15 AM	VA 210	02/21-06/16
	Jackson, M.	MW	09:25 AM-11:20 AM	VA 210	02/21-06/16

**ART 180 Beginning Clay Sculpture 3 Units**

Clay sculpture classes will include clay techniques, application of color, sculpting methods, and sculpture concepts. Students will learn the fundamentals of building and coloring ceramic hand built sculpture.

Material fee. 36 lecture hours, 72 lab hours. CSU UC

33027	Rochlin, J.	MW	08:10 AM-09:15 AM	VA 101	02/21-06/16
	Rochlin, J.	MW	09:25 AM-11:20 AM	VA 101	02/21-06/16

**ART 184 Sculpture and Metalwork 3 Units**

Strongly recommended: ART 121.

An introduction of sculpture materials and techniques. Student explores the potential of expressive form, structure, and space in various materials and processes. Study of aesthetics, technique and theoretical concerns as applied to sculpture. 36 lecture hours, 72 lab hours. CSU

33028	Teraoka, A.	F	08:10 AM-10:15 AM	VA 110	02/21-06/16
	Teraoka, A.	F	10:25 AM-02:35 PM	VA 110	02/21-06/16

**ART 189 Art Portfolio and Resume Production 3 Units**

Strongly recommended: ART 111, ART 120, ART 150, ART 158, ART 159, ART ART 162, and ART 167.

An advanced course to prepare a portfolio that best represents the student's art/design work for the purpose of a job interview or advanced university placement. The final presentation will be based upon the students's studio discipline and may include traditional studio work, computer (CGI) art and graphic design. Additionally, the production of a professional appearing resume plus participation in mock interviews will be a part of the class. 36 lecture hours, 72 lab hours. CSU

30515	Jackson, M.	TR	08:10 AM-09:15 AM	VA 210	02/21-06/16
	Jackson, M.	TR	09:25 AM-11:20 AM	VA 210	02/21-06/16

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**ART 199 Motion Picture Appreciation 3 Units**

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

An introductory course in which the student will learn how to analyze films on technical, aesthetic, and thematic levels. Historically significant films will be used as source material. 54 lecture hours. CSU UC

30517	Villeneuve, T.	MW	08:20 AM-09:45 AM	VA 130	02/21-06/16
32000	Slay, K.	F	09:55 AM-01:05 PM	VA 130	02/21-06/16
32440	Villeneuve, T.	HRS-ARRG	ONLINE	02/21-06/16	

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ART 206 History of Latin American Art 3 Units**

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

Survey of the art of Mexico and Central and South America from the Spanish Colonial period forward to the present. 54 lecture hours. CSU UC

30523	Holmes, A.	TR	09:55 AM-11:20 AM	VA 132	02/21-06/16
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**ART 207 History of Asian Art 3 Units**

Strongly recommended: ENGL 101.

Survey of the visual arts and architecture in India, Southeast Asia, China, Korea and Japan from the prehistoric era to the present. The course is intended to provide a cultural perspective and offer an historical framework for understanding the major monuments of Asian art as well as the religious, philosophical and political ideas that generated their production. 54 lecture hours. CSU UC

32441	Rusch, L.	MW	11:30 AM-12:55 PM	VA 231	02/21-06/16
33414	Holmes, A.	HRS-ARRG	ONLINE	02/21-06/16	

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ART 230 Advanced Painting 3 Units**

Prerequisites: ART 130 and ART 131.

Personalized exploration of expressive painting concepts and techniques in oil and acrylic paint. Includes critical examination of paintings for technical and aesthetic concerns, content, and historical/cultural influences. 36 lecture hours, 72 lab hours. CSU UC

30529	Duffy, D.	TR	08:10 AM-09:15 AM	VA 303	02/21-06/16
	Duffy, D.	TR	09:25 AM-11:20 AM	VA 303	02/21-06/16
32320	Duffy, D.	MW	11:30 AM-12:35 PM	VA 303	02/21-06/16
	Duffy, D.	MW	12:45 PM-02:40 PM	VA 303	02/21-06/16

**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 artistic style. Also included is glaze technology and basic kiln operation. Material fee. 36 lecture hours, 72 lab hours. CSU UC

32442	Hillman, M.	MW	06:10 PM-07:15 PM	VA 101	02/21-06/16
	Hillman, M.	MW	07:25 PM-09:20 PM	VA 101	02/21-06/16

**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. Material fee. 36 lecture hours, 72 lab hours. CSU UC

30534	Hillman, M.	MW	06:10 PM-07:15 PM	VA 101	02/21-06/16
	Hillman, M.	MW	07:25 PM-09:20 PM	VA 101	02/21-06/16

**ART 253 Digital Media Production II 3 Units**

Prerequisite: ART 153.

An introduction to the interactive aspects of computer graphics and the association with multimedia, entertainment and advertising. This course will use currently available software in the development of creative and innovative multimedia presentations appropriate to industry, business and community. Material fee. 36 lecture hours, 72 lab hours. CSU UC

30536	Jackson, M.	TR	08:10 AM-09:15 AM	VA 210	02/21-06/16
	Jackson, M.	TR	09:25 AM-11:20 AM	VA 210	02/21-06/16

**ART 267 Web Design II 3 Units**

Prerequisite: ART 167.

Advanced application and integration of WEB software and various scripting languages. Students create web environments and applicably utilize various programs including but not limited to, Dreamweaver, Fireworks, Flash and Adobe PhotoShop. Emphasis will be placed on design, animation, quality, and application employment-related situations. 36 lecture hours, 72 lab hours. CSU UC

32329	Jackson, M.	MW	11:30 AM-12:35 PM	VA 210	02/21-06/16
	Jackson, M.	MW	12:45 PM-02:40 PM	VA 210	02/21-06/16

**ART 268 Animation II 3 Units**

Prerequisite: ART 168.

This intermediate level animation course focuses on the development of one's personal creativity and the improvement of computer skills with the goal of producing a personal video portfolio. 36 lecture hours, 72 lab hours. CSU UC

31295	Jackson, M.	MW	08:10 AM-09:15 AM	VA 210	02/21-06/16
	Jackson, M.	MW	09:25 AM-11:20 AM	VA 210	02/21-06/16

**Astronomy**

**ASTR 115 Planetary Astronomy 3 Units**

Prerequisites: ENGL 099 or higher.

Strongly recommended: MATH 030 or MATH 032.

The astronomy of the solar system including the history of astronomy, the physics of motion, energy, and light, and the processes that determine the formation and evolution of planets, moons, and other bodies in our solar system and others. 54 lecture hours. CSU UC

30447	Kaisler, D.	MW	09:55 AM-11:20 AM	MA 227	02/21-06/16
					<b>Low Cost/No Cost Textbook.</b>
30444	Kaisler, D.	MW	01:05 PM-02:30 PM	MA 227	02/21-06/16
					<b>Low Cost/No Cost Textbook.</b>
30454	Kary, D.	HRS-ARRG	ONLINE	02/21-06/16	

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ON-CAMPUS REQUIREMENTS: Students required to take exams in Testing Center on-campus. Low Cost/No Cost Textbook.**

**ASTR 115H Planetary Astronomy - Honors 3 Units**

Prerequisite(s): ENGL 099 or higher; also, student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

Strongly recommended: MATH 030 or MATH 032.

The astronomy of the solar system including the history of astronomy, the physics of motion, energy, and light, and the processes that determine the formation and evolution of planets, moons, and other bodies in our solar system and others. 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. 54 lecture hours. CSU UC

30442	Kary, D.	MW	08:20 AM-09:45 AM	MA 227	02/21-06/16
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**Low Cost/No Cost Textbook.**

**ASTR 116 Stellar Astronomy 4 Units**

Strongly recommended: MATH 030 or MATH 032; ENGL 099 if required by English placement exam or if required by English 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, 54 lab hours. CSU UC

32607	Kary, D.	TR	04:30 PM-05:55 PM	MA 227	02/21-06/16
	Kary, D.	T	01:00 PM-04:10 PM	MA 227	02/21-06/16
					<b>Low Cost/No Cost Textbook.</b>
32608	Kary, D.	TR	04:30 PM-05:55 PM	MA 227	02/21-06/16
	Kary, D.	R	01:00 PM-04:10 PM	MA 227	02/21-06/16

**Low Cost/No Cost Textbook.**

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**ASTR 117 Life In The Universe 3 Units**

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

30482	Kaisler, D.	TR	08:20 AM-09:45 AM	MA 227	02/21-06/16
32029	Kaisler, D.	TR	09:55 AM-11:20 AM	MA 227	02/21-06/16

**Automotive**

**AUTO 100 Automotive Technology and Maintenance for the Consumer 3 Units**

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

Intended for non-majors. Automobiles and light trucks will be explained from the point of view of the consumer. Operation of essential automotive technologies is central to the course goal of skill development in the inspection of various automobile systems for needed repairs and/or maintenance performed by the end-user. Appropriate lab activities in automobile inspection, service and repair are included. 54 lecture hours, 18 lab hours. CSU

31974	Clark, J.	F	08:00 AM-11:05 AM	TE 103	02/21-06/16
	Clark, J.	F	11:15 AM-12:20 PM	AA 101	02/21-06/16
31954	Neighbors, B.	MW	06:30 PM-07:55 PM	TE 103	02/21-06/16
	Neighbors, B.	W	08:05 PM-08:55 PM	AA 101	02/21-06/16

**AUTO 101 Fundamentals of Automotive Service, Diagnosis and Repair 6 Units**

Prerequisite(s): ENGL 098 (or higher), MATH 025 or MATH 029 (or higher), or by department consent.

Intended for automotive majors, this class serves as the prerequisite 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. 90 lecture hours, 60 lab hours. CSU

32940	Lipp, G.	MT	08:00 AM-11:50 AM	TE 102	03/19-06/16
	Lipp, G.	MT	12:00 PM-02:10 PM	AA 101	03/19-06/16

LATE START - 3/19/18

**AUTO 140A Vehicle Maintenance 4 Units**

Prerequisite(s): ENGL 098 (or higher) if required by English placement exam or if required by English level, MATH 029 (or higher) if required by Math placement exam or if required by Math level, and/or with department consent.

Intended for the incumbent worker, re-entry person or person seeking a career change into the automotive service industry. This course is intended to be the beginning course in the Maintenance and Light Repair (MLR) curriculum. This course is focused on developing workplace skills that will allow a student to competently perform a detailed multi-point inspection and conduct fluid maintenance on select vehicle subsystems. Appropriate lab activities are included. 54 lecture hours, 54 lab hours.

32852	Bender, T.	TR	06:30 PM-07:55 PM	TE 103	02/21-06/16
	Bender, T.	TR	08:05 PM-09:40 PM	AA 101	02/21-06/16

**AUTO 144 Automotive Chassis MLR 4 Units**

Prerequisite: AUTO 140A or one year of employment as automotive technician.

Strongly recommended: ENGL 098 if required by English placement exam or if required by English level; MATH 029 if required by Math placement exam or if required by math level.

Intended for the incumbent worker, re-entry person or person seeking a career change into the automotive service industry. This course is part of the Maintenance and Light Repair (MLR) curriculum. The course covers essential chassis system theory; inspection, diagnosis, service and repair of the following undercar systems: Steering, suspension, alignment, wheels and tires. Course prepares students for ASE Suspension and Steering (A4) certification. 54 lecture hours, 54 lab hours.

33331	Neighbors, B.	TR	06:30 PM-07:55 PM	TE 104	02/21-06/16
	Neighbors, B.	TR	08:05 PM-09:40 PM	AA 101	02/21-06/16

**AUTO 148 Engine Performance Maintenance and Light Repair 4 Units**

Prerequisite: AUTO 140A or minimum one year industry experience.

Strongly recommended: ENGL 098 if required by English placement exam or if required by English level; MATH 029 if required by Math placement exam or if required by Math level.

Intended for the incumbent worker, re-entry person or person seeking a career change into the automotive service industry. This course is part of the Maintenance and Light Repair (MLR) curriculum. The course covers essential engine management system theory, along with inspection, diagnosis, service and repair of the following systems: Ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. Course prepares students for ASE Engine Performance (A8) certification. 54 lecture hours, 54 lab hours.

33330	Lipp, G.	MW	06:30 PM-07:55 PM	TE 105	02/21-06/16
	Lipp, G.	MW	08:05 PM-09:40 PM	TD 137	02/21-06/16

**AUTO 151 Engine Service, Diagnosis and Repair 6 Units**

Prerequisite: AUTO 101.

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, 167 lab hours. CSU

30562	Korn, D.	WR	08:00 AM-09:20 AM	TE 105	02/21-06/16
	Korn, D.	WR	09:30 AM-02:35 PM	TD 121	02/21-06/16

**AUTO 154 Chassis Service, Diagnosis, and Repair 9 Units**

Prerequisite: AUTO 166.

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 VSC. Course prepares students for ASE Suspension and Steering (A4) and ASE Brakes (A5) certification. 108 lecture hours, 162 lab hours. CSU

30564	Brown, D.	MTW	08:00 AM-10:05 AM	TE 104	02/21-06/16
	Brown, D.	MTW	10:15 AM-01:20 PM	TD 134	02/21-06/16



Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**AUTO 156 Automotive Electrical & Electronic Systems I 5 Units**

Prerequisite: AUTO 101.

Intended for those seeking a career in the automotive service and repair industry, this National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. This class covers essential electrical and electronic systems theory, along with inspection, diagnosis, service & repair of specific electrical systems including the battery, starting systems, charging systems, accessory systems, and an introduction to CAN. Prepares students for ASE Electrical & Electronic

Systems (A6) certification. 63 lecture hours, 81 lab hours. CSU									
30570 Korn, D.	MT	08:00 AM-10:05 AM	TE 103	02/26-06/16					
Korn, D.	MT	10:15 AM-12:45 PM	TD 137	02/26-06/16					

LATE START - 2/26/18

**AUTO 167 Automotive HVAC Service, Diagnosis & Repair 4 Units**

Prerequisite: AUTO 166.

Intended for those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. This class covers essential heating, ventilation and air conditioning system theory, along with inspection, diagnosis, service and repair of specific HVAC subsystems including: refrigeration, air distribution and automatic temperature control. This course prepares students for ASE Heating and Air

Conditioning (A7) certification. 36 lecture hours, 108 lab hours. CSU									
33333 Rubio, M.	F	08:00 AM-10:00 AM	TE 104	02/21-06/16					
Rubio, M.	F	10:10 AM-04:35 PM	TD 137	02/21-06/16					

**AUTO 168 Engine Control Systems Service, Diagnosis and Repair 8.5 Units**

Prerequisites: AUTO 151 and AUTO 166.

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level; MATH 030 or higher.

Intended for those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. The course covers essential engine management systems theory, along with inspection, diagnosis, service and repair of the following systems: ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. This course prepares students for ASE Engine Performance (A8) certification. 108

lecture hours, 135 lab hours. CSU									
30584 Lipp, G.	WR	08:00 AM-11:05 AM	TE 102	02/21-06/16					
Lipp, G.	WR	11:15 AM-03:20 PM	TD 137	02/21-06/16					

**AUTO 172 Automatic Transmissions and Transaxles 6 Units**

Prerequisites: AUTO 154, AUTO 163, and AUTO 166; AUTO 168 or concurrent enrollment.

Intended for those seeking a career in the automotive service and repair industry, this NATEF certified course is one component of the T-TEN and TEC programs. This course focuses on the service, diagnosis and repair of the 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) certification exam. 72 lecture hours, 108 lab hours. CSU

32853 Clark, J.	MT	08:00 AM-10:05 AM	TE 105	02/21-06/16					
Clark, J.	MT	10:15 AM-01:20 PM	TD 131	02/21-06/16					

**AUTO 230A Automotive Service and Repair Work Experience A 1 Units**

Strongly recommended: Completion of 16 units in automotive technology coursework.  
Limitation on enrollment: Department consent required prior to enrollment. Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. The AUTO 230 A-D series of courses may be taken in any combination for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 160 lab hours arranged.

32163 Clark, J.	HRS-ARRG	TE 115	02/21-06/16
Clark, J.	HRS-ARRG		02/21-06/16

The lectures will meet on the following Wednesdays: February 21, March 14, April 5, May 9 & June 6, 2018 at 6:30PM - 8:30PM. Location: TE 115.

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

Strongly recommended: Completion of 16 units in automotive technology coursework.  
Limitation on Enrollment: Department consent required prior to enrollment. Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. Pass/No Pass grading only. 9 lecture hours, 320 lab hours arranged.

30889 Clark, J.	HRS-ARRG	TE 115	02/21-06/16
Clark, J.	HRS-ARRG		02/21-06/16

The lectures will meet on the following Wednesdays: February 21, March 14, April 5, May 9 & June 6, 2018 at 6:30PM - 8:30PM. Location: TE 115.

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

Strongly recommended: Completion of 16 units in automotive technology coursework.  
Limitation on Enrollment: Department consent required prior to enrollment. Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. Pass/No Pass grading only. 9 lecture hours, 480 lab hours arranged.

30890 Clark, J.	HRS-ARRG	TE 115	02/21-06/16
Clark, J.	HRS-ARRG		02/21-06/16

The lectures will meet on the following Wednesdays: February 21, March 14, April 5, May 9 & June 6, 2018 at 6:30PM - 8:30PM. Location: TE 115.

**AUTO 230D Automotive Service and Repair Work Experience D 4 Units**

Strongly recommended: Completion of 16 units in automotive technology coursework.  
Limitation on Enrollment: Department consent required prior to enrollment. Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. Pass/No Pass grading only. 9 lecture hours, 640 lab hours arranged.

30892 Clark, J.	HRS-ARRG	TE 115	02/21-06/16
Clark, J.	HRS-ARRG		02/21-06/16

The lectures will meet on the following Wednesdays: February 21, March 14, April 5, May 9 & June 6, 2018 at 6:30PM - 8:30PM. Location: TE 115.

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**AUTO 281 Advanced Toyota Technician Training 5 Units**

Prerequisites: Currently a full-time journeyman level technician with two years of dealership experience or four years experience at an independent repair facility or completion of 1080 hours of NATEF-Master certificated post-secondary automotive training program with at least 12 months of technician experience or successful completion of all requirements of the Automotive Service, Diagnosis and Repair - Toyota/Lexus/Scion Technician Certificate of Achievement except the AUTO 281 course.

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

An advanced-level course specifically designed to supplement core concepts with advanced diagnostic strategies. This course delves into automotive areas not traditionally explored in previous courses such as interior R&R, body noise diagnostics, vehicle integrated management systems and diagnostics, telematic systems, Toyota warranty standards and dealer expectations. Only individuals meeting the requirement of the T-TEN Professional Certificate or the current T-TEN students that have completed the NATEF core classes may attend. 72 lecture hours, 54 lab hours.

30953	Rubio, M.	RF	06:00 PM-08:05 PM	TE 115	02/21-06/16
	Rubio, M.	RF	08:15 PM-09:35 PM	TD 137	02/21-06/16

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

A general biology lecture course for non-majors which will cover basic life processes and address contemporary issues in biology. Biological principles covered will include chemical foundations of biology, cell structure and function, cell reproduction, and genetics. Contemporary issues may include such areas as public health, biotechnology, and environmental science. 54 lecture hours. CSU UC

32609	Goodman, R.	TR	01:05 PM-02:30 PM	MA 225	02/21-06/16
32030	Goedhart, C.	HRS-ARRG		ONLINE	02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ON-CAMPUS REQUIREMENTS: Students required to submit a writing sample in the Testing Center on-campus. Low Cost/No Cost Textbook.**

**AUTO 296 Cylinder Head Development 4 Units**

Prerequisite: AUTO 151 or AUTO 295 or one year of work experience in the automotive field with an emphasis on engine machining or repair.

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

A course designed to teach the skills necessary to develop a cylinder head for total performance. Emphasis will be placed on cylinder head development and reconditioning, head CCing, and basic flowbench operation. 54 lecture hours, 54 lab hours.

33335	Korn, D.	MW	06:00 PM-07:25 PM	TE 115	02/21-06/16
	Korn, D.	MW	07:35 PM-09:10 PM	TD 121	02/21-06/16

**AUTO 699D Cooperative Education 4 Units**

The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to Automotive Technology at their place of paid employment or training sites. 300 lab hours arranged.

33439	Clark, J.	HRS-ARRG			02/21-06/16
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**The lectures will meet on the following Wednesdays: February 21, March 14, April 5, May 9 & June 6, 2018 at 6:30PM - 8:30PM. Location: TE 115.**

**Biology**

**BIOL 102 Human Genetics 3 Units**

Prerequisite: MATH 030 or higher.

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

General principles of genetics and reproduction in wellness and disease as applied in humans. Topics include Mendelian inheritance, variations on Mendelian inheritance, multifactorial traits, DNA structure, function, and replication, cell division, population genetics, evolution, immunity, cancer, and genetic technologies. 54 lecture hours. CSU UC

31027	Goedhart, C.	HRS-ARRG		ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ON-CAMPUS REQUIREMENTS: Students required to submit a writing sample in the Testing Center on-campus.**

**BIOL 104 Biology: Contemporary Topics 3 Units**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>BIOL 105 General Biology 4 Units</b>									
Strongly recommended: MATH 030, and high school biology or chemistry; ENGL 099 if required by English placement exam or if required by English 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, 54 lab hours. CSU UC									
32614	Kondo, A.	MW	11:30 AM-12:55 PM	LH 101	02/21-06/16				
	Kondo, A.	M	08:05 AM-11:20 AM	LS 118	02/21-06/16				
32615	Kondo, A.	MW	11:30 AM-12:55 PM	LH 101	02/21-06/16				
	Kondo, A.	W	08:10 AM-11:20 AM	LS 118	02/21-06/16				
32618	Manookian, D.	MW	03:50 PM-05:15 PM	LH 101	02/21-06/16				
	Manookian, D.	M	08:10 AM-11:20 AM	LS 117	02/21-06/16				
32619	Manookian, D.	MW	03:50 PM-05:15 PM	LH 101	02/21-06/16				
	Manookian, D.	W	08:10 AM-11:20 AM	LS 117	02/21-06/16				
32610	Goodman, R.	MW	08:20 AM-09:45 AM	LH 103	02/21-06/16				
	Goodman, R.	M	11:30 AM-02:40 PM	LS 118	02/21-06/16				
32611	Goodman, R.	MW	08:20 AM-09:45 AM	LH 103	02/21-06/16				
	Goodman, R.	W	11:30 AM-02:40 PM	LS 120	02/21-06/16				
32612	Malik, H.	MW	09:55 AM-11:20 AM	LH 101	02/21-06/16				
	Malik, H.	M	11:30 AM-02:40 PM	LS 117	02/21-06/16				
32613	Malik, H.	MW	09:55 AM-11:20 AM	LH 101	02/21-06/16				
	Malik, H.	W	11:30 AM-02:40 PM	LS 118	02/21-06/16				
32957	Tsark, E.	MW	09:55 AM-11:20 AM	LH 102	02/21-06/16				
	Tsark, E.	W	11:30 AM-02:40 PM	LS 117	02/21-06/16				
32958	Tsark, E.	MW	09:55 AM-11:20 AM	LH 102	02/21-06/16				
	Tsark, E.	W	02:50 PM-06:00 PM	LS 120	02/21-06/16				
32616	Goedhart, C.	MW	01:05 PM-02:30 PM	LH 101	02/21-06/16				
	Goedhart, C.	M	02:50 PM-06:00 PM	LS 117	02/21-06/16				
	<b>Low Cost/No Cost Textbook.</b>								
32617	Goedhart, C.	MW	01:05 PM-02:30 PM	LH 101	02/21-06/16				
	Goedhart, C.	W	02:50 PM-06:00 PM	LS 118	02/21-06/16				
	<b>Low Cost/No Cost Textbook.</b>								
32620	Goedhart, C.	MW	05:25 PM-06:50 PM	LH 101	02/21-06/16				
	Goedhart, C.	M	07:00 PM-10:15 PM	LS 117	02/21-06/16				
	<b>Low Cost/No Cost Textbook.</b>								
32621	Goedhart, C.	MW	05:25 PM-06:50 PM	LH 101	02/21-06/16				
	Goedhart, C.	W	07:00 PM-10:10 PM	LS 117	02/21-06/16				
	<b>Low Cost/No Cost Textbook.</b>								
32628	Hollenshead, M.	TR	01:05 PM-02:30 PM	LH 101	02/21-06/16				
	Hollenshead, M.	T	08:10 AM-11:20 AM	LS 118	02/21-06/16				
32629	Hollenshead, M.	TR	01:05 PM-02:30 PM	LH 101	02/21-06/16				
	Hollenshead, M.	R	08:10 AM-11:20 AM	LS 117	02/21-06/16				
32626	Hollenshead, M.	TR	11:30 AM-12:55 PM	LH 101	02/21-06/16				
	Hollenshead, M.	T	08:05 AM-11:20 AM	LS 117	02/21-06/16				
32627	Hollenshead, M.	TR	11:30 AM-12:55 PM	LH 101	02/21-06/16				
	Hollenshead, M.	R	08:10 AM-11:20 AM	LS 118	02/21-06/16				
32622	Hollenshead, M.	TR	08:20 AM-09:45 AM	LH 101	02/21-06/16				
	Hollenshead, M.	T	11:30 AM-02:40 PM	LS 117	02/21-06/16				
32623	Hollenshead, M.	TR	08:20 AM-09:45 AM	LH 101	02/21-06/16				
	Hollenshead, M.	R	11:30 AM-02:40 PM	LS 117	02/21-06/16				
32624	Han, J.	TR	09:55 AM-11:20 AM	LH 101	02/21-06/16				
	Han, J.	T	11:30 AM-02:30 PM	LS 118	02/21-06/16				
32625	Han, J.	TR	09:55 AM-11:20 AM	LH 101	02/21-06/16				
	Han, J.	R	11:30 AM-02:40 PM	LS 118	02/21-06/16				
32630	Goedhart, C.	TR	03:50 PM-05:15 PM	LH 101	02/21-06/16				
	Goedhart, C.	T	07:00 PM-10:10 PM	LS 118	02/21-06/16				
	<b>Low Cost/No Cost Textbook.</b>								
32631	Goedhart, C.	TR	03:50 PM-05:15 PM	LH 101	02/21-06/16				
	Goedhart, C.	R	07:00 PM-10:10 PM	LS 118	02/21-06/16				
	<b>Low Cost/No Cost Textbook.</b>								
32632	King, C.	TR	05:25 PM-06:50 PM	LH 101	02/21-06/16				
	King, C.	T	07:00 PM-10:15 PM	LS 117	02/21-06/16				
32633	King, C.	TR	05:25 PM-06:50 PM	LH 101	02/21-06/16				
	King, C.	R	07:00 PM-10:10 PM	LS 117	02/21-06/16				
32959	Saad, N.	WF	11:30 AM-12:55 PM	LH 103	02/21-06/16				
	Saad, N.	W	08:05 AM-11:20 AM	LS 120	02/21-06/16				
32963	Saad, N.	WF	11:30 AM-12:55 PM	LH 103	02/21-06/16				
	Saad, N.	F	08:10 AM-11:20 AM	LS 120	02/21-06/16				
32634	Grijalva, A.	M	07:00 PM-10:10 PM	LH 101	02/21-06/16				
	Grijalva, A.	W	07:00 PM-10:10 PM	LS 118	02/21-06/16				
32639	Hull, J.	W	07:00 PM-10:10 PM	LH 101	02/21-06/16				
	Hull, J.	W	02:50 PM-06:00 PM	LS 117	02/21-06/16				
32645	Hull, J.	W	07:00 PM-10:10 PM	LH 102	02/21-06/16				
	Hull, J.	M	07:00 PM-10:10 PM	LS 118	02/21-06/16				
32640	Gerrard, A.	F	11:30 AM-02:40 PM	LH 101	02/21-06/16				
	Gerrard, A.	F	08:10 AM-11:20 AM	LS 118	02/21-06/16				
32641	Gerrard, A.	F	11:30 AM-02:40 PM	LH 101	02/21-06/16				
	Gerrard, A.	F	08:10 AM-11:20 AM	LS 117	02/21-06/16				
32642	Saad, N.	S	11:30 AM-02:40 PM	LH 101	02/21-06/16				
	Saad, N.	S	08:10 AM-11:20 AM	LS 118	02/21-06/16				
32643	Saad, N.	S	11:30 AM-02:40 PM	LH 101	02/21-06/16				
	Saad, N.	S	08:10 AM-11:20 AM	LS 117	02/21-06/16				
33259	Goedhart, C.		HRS-ARRG	ONLINE	02/21-06/16				
	Goedhart, C.	T	02:50 PM-06:00 PM	LS 118	02/21-06/16				
	<b>ONLINE EDUCATION HYBRID CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. ON-CAMPUS REQUIREMENTS: Mandatory lab meets Tuesdays on-campus. Lecture takes place online.</b>								
33260	Goedhart, C.		HRS-ARRG	ONLINE	02/21-06/16				
	Goedhart, C.	R	02:50 PM-06:00 PM	LS 118	02/21-06/16				
	<b>ONLINE EDUCATION HYBRID CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. ON-CAMPUS REQUIREMENTS: Mandatory lab meets Thursdays on-campus. Lecture takes place online.</b>								
<b>BIOL 124 Molecular and Cellular Biology 5 Units</b>									
Prerequisite: MATH 142 or MATH 150 or higher.									
A principles of biology course designed for biology majors and pre-med students. Detailed study of basic structure and function of living material, with emphasis on cell and molecular biology, genetic mechanisms and their control, reproduction and development, evolution. 72 lecture hours, 54 lab hours. CSU UC									
32646	Sullivan, N.	MW	11:30 AM-01:35 PM	P3 105	02/21-06/16				
	Sullivan, N.	M	08:00 AM-11:10 AM	LS 119	02/21-06/16				
32647	Sullivan, N.	MW	11:30 AM-01:35 PM	P3 105	02/21-06/16				
	Sullivan, N.	W	08:00 AM-11:10 AM	LS 119	02/21-06/16				
32979	Sullivan, N.	MW	11:30 AM-01:35 PM	P3 105	02/21-06/16				
	Sullivan, N.	M	02:50 PM-06:00 PM	LS 119	02/21-06/16				
32961	Sullivan, N.	MW	02:50 PM-04:55 PM	MA 225	02/21-06/16				
	Sullivan, N.	M	11:30 AM-02:40 PM	LS 119	02/21-06/16				
32962	Sullivan, N.	MW	02:50 PM-04:55 PM	MA 225	02/21-06/16				
	Sullivan, N.	W	11:30 AM-02:40 PM	LS 119	02/21-06/16				
<b>BIOL 125 Evolution, Ecology &amp; Biodiversity 5 Units</b>									
Prerequisite: MATH 142 or MATH 150 or higher.									
A principles of biology course designed for biology majors and pre-med students. Detailed study of the structure and function of living material, with emphasis on the diversity of living material, animal and plant form, function, reproduction and development, evolution, and ecological relationships. 72 lecture hours, 54 lab hours. CSU UC									
32649	Cross, P.	MW	09:15 AM-11:20 AM	PS 107	02/21-06/16				
	Cross, P.	M	11:30 AM-02:40 PM	LS 120	02/21-06/16				
32650	Cross, P.	MW	09:15 AM-11:20 AM	PS 107	02/21-06/16				
	Cross, P.	M	03:00 PM-06:10 PM	LS 120	02/21-06/16				
32651	Cross, P.	MW	09:15 AM-11:20 AM	PS 107	02/21-06/16				
	Cross, P.	M	07:00 PM-10:10 PM	LS 120	02/21-06/16				

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**BIOL 145 Environmental Science 3 Units**

Strongly recommended: BIOL 104 or BIOL 105 or BIOL 105H; ENGL 099 if required by English placement exam or if required by English 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

30236	Goodman, R.	MW	09:55 AM-11:20 AM	LH 103	02/21-06/16
32368	Goodman, R.	TR	11:30 AM-12:55 PM	PC 314	02/21-06/16
30239	Goodman, R.	HRS-ARRG		ONLINE	02/21-04/13
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
<b>ON-CAMPUS REQUIREMENTS: Students required to take exams in Testing Center on-campus. First 8 weeks.</b>					
33235	Goodman, R.	HRS-ARRG		ONLINE	04/23-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
<b>ON-CAMPUS REQUIREMENTS: Students required to take exams in Testing Center on-campus. Second 8 weeks.</b>					

**BIOL 200 Human Anatomy 4 Units**

Prerequisite: BIOL 105 or BIOL 105H or BIOL 124.

Biology 200 is a lecture/laboratory course in human anatomy focusing on the structures and organs of the human body. Students will be required to learn and understand the structures from the molecular to gross levels, using the microscope, standard anatomical (plastic) models, and preserved specimens (sheep heart, sheep brain, and cat). Required of pre-nursing students. 54 lecture hours, 54 lab hours. CSU UC

32652	Kondo, A.	MW	01:05 PM-02:30 PM	LH 102	02/21-06/16
	Kondo, A.	M	08:10 AM-11:20 AM	LS 115	02/21-06/16
32653	Kondo, A.	MW	01:05 PM-02:30 PM	LH 102	02/21-06/16
	Kondo, A.	M	02:50 PM-06:00 PM	LS 115	02/21-06/16
32654	Kondo, A.	MW	01:05 PM-02:30 PM	LH 102	02/21-06/16
	Kondo, A.	W	08:10 AM-11:20 AM	LS 115	02/21-06/16
32655	Kondo, A.	MW	01:05 PM-02:30 PM	LH 102	02/21-06/16
	Kondo, A.	W	02:50 PM-06:00 PM	LS 115	02/21-06/16
32658	Johnsen, T.	TR	05:25 PM-06:50 PM	LH 103	02/21-06/16
	Johnsen, T.	T	07:00 PM-10:15 PM	LS 115	02/21-06/16
32659	Johnsen, T.	TR	05:25 PM-06:50 PM	LH 103	02/21-06/16
	Johnsen, T.	R	07:00 PM-10:10 PM	LS 115	02/21-06/16
32656	Marino, T.	F	11:30 AM-02:40 PM	LH 102	02/21-06/16
	Marino, T.	F	08:10 AM-11:20 AM	LS 115	02/21-06/16
32657	Marino, T.	F	11:30 AM-02:40 PM	LH 102	02/21-06/16
	Marino, T.	F	02:50 PM-06:00 PM	LS 115	02/21-06/16
32976	Parsa, A.	S	11:30 AM-02:40 PM	LH 102	02/21-06/16
	Parsa, A.	S	08:10 AM-11:20 AM	LS 115	02/21-06/16
32978	Parsa, A.	S	11:30 AM-02:40 PM	LH 102	02/21-06/16
	Parsa, A.	S	02:50 PM-06:00 PM	LS 115	02/21-06/16

**BIOL 201 Human Physiology 4 Units**

Prerequisites: BIOL 200; CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.

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

32660	Kondo, A.	TR	11:30 AM-12:55 PM	VA 130	02/21-06/16
	Kondo, A.	T	08:05 AM-11:20 AM	LS 120	02/21-06/16
32661	Kondo, A.	TR	11:30 AM-12:55 PM	VA 130	02/21-06/16
	Kondo, A.	T	01:05 PM-04:05 PM	LS 120	02/21-06/16
32662	Kondo, A.	TR	11:30 AM-12:55 PM	VA 130	02/21-06/16
	Kondo, A.	R	08:10 AM-11:20 AM	LS 120	02/21-06/16
32663	Kondo, A.	TR	11:30 AM-12:55 PM	VA 130	02/21-06/16
	Kondo, A.	R	01:05 PM-04:15 PM	LS 120	02/21-06/16
32941	Kondo, A.	TR	11:30 AM-12:55 PM	VA 130	02/21-06/16
	Kondo, A.	T	04:25 PM-07:35 PM	LS 120	02/21-06/16
33262	Kondo, A.	TR	11:30 AM-12:55 PM	VA 130	02/21-06/16
	Kondo, A.	R	04:25 PM-07:35 PM	LS 120	02/21-06/16

**BIOL 220 Microbiology 5 Units**

Prerequisites: BIOL 105 or BIOL 105H or BIOL 124; CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.

An introduction to the biology of microorganisms including bacteria, viruses, fungi, and protozoa. Metabolism, genetics, culture methods, identification, and control of common microbes are considered. Emphasis is placed on the virulence mechanisms and control of human pathogens and on the principles of immunology and host defense. Laboratory work includes techniques common to the control, culture, and identification of microbes.

Required of pre-nursing students and medical technologists. 54 lecture hours, 108 lab hours. CSU UC

32664	Malik, H.	MW	03:50 PM-05:15 PM	LH 102	02/21-06/16
	Malik, H.	MW	12:25 PM-03:40 PM	LS 116	02/21-06/16
32665	Malik, H.	MW	03:50 PM-05:15 PM	LH 102	02/21-06/16
	Malik, H.	MW	05:25 PM-08:40 PM	LS 116	02/21-06/16
32666	Malik, H.	TR	03:50 PM-05:15 PM	LH 102	02/21-06/16
	Malik, H.	TR	12:25 PM-03:40 PM	LS 116	02/21-06/16
32667	Malik, H.	TR	03:50 PM-05:15 PM	LH 102	02/21-06/16
	Malik, H.	TR	05:25 PM-08:40 PM	LS 116	02/21-06/16

**Biotechnology**

**BIOT 125 Quality and Regulatory Practices in Biotechnology 3 Units**

Strongly recommended: MATH 030 or MATH 032; ENGL 099 if required by English placement exam or if required by English level.

This course serves as an introduction to basic quality principles and tools with an emphasis on their application in biotechnology. Students will explore concepts related to quality control, quality assurance, validation, documentation, and regulatory compliance within this industry. The course prepares students for examination through the American Society for Quality to become a Certified Quality Improvement Associate (CQIA). 54 lecture hours. CSU

32960	Van Leersum-Morano	HRS-ARRG		ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**BIOT 150 Biotechnology II: Biomanufacturing and Quality Principles 4 Units**

Prerequisite: BIOT 110.

Strongly recommended: MATH 030 or MATH 032; ENGL 099 if required by English placement exam or if required by English level.

This course builds upon the concepts and laboratory techniques introduced in Biotechnology I: Basic Lab Skills and Documentation. Students will closely examine the biomanufacturing sector, including facility design, the production process, quality control, and quality assurance. Governmental regulation of the biomanufacturing industry will be highlighted as students explore Good Manufacturing Practice and Good Documentation Practice.

This course includes a significant laboratory component focusing on large-scale protein production and purification, environmental monitoring, equipment validation, and clean room operations. Resume writing and job interview skills for biomanufacturing employment opportunities will be emphasized. 36 lecture hours, 108 lab hours. CSU

32668	Tsark, E.	TR	07:45 AM-08:50 AM	LS 119	02/21-06/16
	Tsark, E.	TR	09:00 AM-12:05 PM	LS 119	02/21-06/16

**Business**

Note: Course Dates indicate Beginning and Ending Dates

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

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

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

30040	Richard, L.	MW	08:20 AM-09:45 AM	LB 207	02/21-06/16
31695	Durfield, T.	MW	09:55 AM-11:20 AM	LB 202	02/21-06/16
30042	Richard, L.	MW	11:30 AM-12:55 PM	LB 207	02/21-06/16
30047	Durfield, T.	MW	01:05 PM-02:30 PM	LB 202	02/21-06/16
33425	Fischella, J.	MW	06:00 PM-07:50 PM	MA 225	03/05-06/13
30049	Richard, L.	TR	08:20 AM-09:45 AM	LB 207	02/21-06/16
30054	Richard, L.	TR	11:30 AM-12:55 PM	LB 207	02/21-06/16
32826	Fischella, J.	TR	06:05 PM-07:30 PM	LB 202	02/21-06/16
30056	Richard, L.	HRS-ARRG		ONLINE	02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on campus.**  
 33239 Durfield, T. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

**BUS 132 Ethics in Business 3 Units**

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

This course emphasizes development of managerial decision-making skills utilizing ethical business standards for improvement of business organizations, communities, government, and international trade. 54 lecture hours. CSU

30060	Durfield, T.	TR	08:20 AM-09:45 AM	LB	02/21-06/16
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**BUS 146 Personal Finance 3 Units**

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

This course is an integrative approach to personal finance focusing on practical financial decision making as well as the social, psychological, and physiological contexts in which those decisions are made. Students will examine their relationships with money, set personal goals, and develop a plan to meet those goals. Topics include consumerism, debt, disability, death and taxes. 54 lecture hours. CSU

32919	De Long, L.	MW	09:55 AM-11:20 AM	LB 207	02/21-06/16
31052	Ghidella, R.	MW	01:05 PM-02:30 PM	LB 207	02/21-06/16
30063	Ghidella, R.	TR	01:05 PM-02:30 PM	LB 207	02/21-06/16
32375	Ghidella, R.	W	06:00 PM-07:50 PM	LB 208	04/23-06/16
	Ghidella, R.	HRS-ARRG		ONLINE	04/23-06/16

**ONLINE EDUCATION SHORT TERM HYBRID CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: Class meets every Wednesday on-campus. Online work also required. Second 8 weeks.**  
 31699 Ghidella, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on campus in Testing Center.**  
 31866 Ghidella, R. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

**BUS 152 Business Communications 3 Units**

Prerequisite: ENGL 101 or ENGL 101H.

Strongly recommended: BUS 150.

A study of principles and strategies for developing effective written and oral communication skills for use in the workplace and in business. Several types of written and oral forms of business communication are highlighted.

Recommended for business majors. 54 lecture hours. CSU

33426	Keelin, C.	T	06:00 PM-09:10 PM		02/21-06/16
30065	Grossman, B.	HRS-ARRG		ONLINE	02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on campus in Testing Center.**  
 33083 De Long, L. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

**BUS 160 Business Law and the Legal Environment I 3 Units**

A study of law, with an emphasis on the law's relationship to business. Topics covered include the legal environment of business, court procedures, jurisdiction, torts and crimes in the business environment, intellectual property, principles of contract law, commercial transactions, and ethical business practices. 54 lecture hours. CSU UC

30066	Grossman, B.	MW	08:20 AM-09:45 AM	LB 202	02/21-06/16
30069	Grossman, B.	MW	11:30 AM-12:55 PM	LB 202	02/21-06/16
31701	Grossman, B.	TR	08:20 AM-09:45 AM	LB 202	02/21-06/16
30067	Durfield, T.	TR	09:55 AM-11:20 AM	LB 202	02/21-06/16
30071	Grossman, B.	TR	11:30 AM-12:55 PM	LB 202	02/21-06/16
30070	Grossman, B.	W	06:00 PM-09:10 PM	LB 202	02/21-06/16
31700	Durfield, T.	HRS-ARRG		ONLINE	02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on campus.**  
 32170 Durfield, T. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

**BUS 161 Business Law and the Legal Environment II 3 Units**

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

30094	Grossman, B.	M	06:00 PM-09:10 PM	LB 202	02/21-06/16
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**BUS 170 Small Business Management 3 Units**

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

The study of business organization emphasizing the small independently owned business. Instructional topics include discussion of the benefits of small business, creation of a new venture, marketing, managing, financial, and administrative controls. 54 lecture hours. CSU

30095	Richard, L.	TR	09:55 AM-11:20 AM	LB 207	02/21-06/16
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**BUS 172 Human Resources Management 3 Units**

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

The study of Human Resources Management emphasizing employer/employee relationships, communications, employee selection, job analysis and description, job motivation and productivity, employee benefits, principles of collective bargaining, labor relations, O.S.H.A., and affirmative action. 54 lecture hours. CSU

30097	Durfield, T.	HRS-ARRG		ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students may be required to take exams on campus in Testing Center.**

**BUS 175 Introduction to Management 3 Units**

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

A course focusing on communication, decision making, and leadership for administrative and managerial positions in business, government, the professions, and the volunteer sector. 54 lecture hours. CSU

30098	Richard, L.	HRS-ARRG		ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on campus.**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**BUS 185 Elements of Marketing 3 Units**

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

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

30099 Richard, L. HRS-ARRG ONLINE 02/21-06/16

**ONLINE EDUCATION CLASS.** For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

**ON-CAMPUS REQUIREMENTS:** Students required to take exams on campus.

**Chemistry****CHEM 103 College Chemistry 5 Units**

Prerequisite: MATH 030 or higher.

The first semester of a year program includes chemistry of inorganic compounds; covers topics of nomenclature, stoichiometry, bonding, chemical equations, gas laws, solutions, acids and bases, nuclear processes and chemical equilibrium. Required for students transferring to four-year college nursing programs and students majoring in physical therapy, occupational therapy, and home economics. 72 lecture hours, 72 lab hours. CSU UC

30301 Farahani, B. M 05:00 PM-09:15 PM PS 113 02/21-06/16

Farahani, B. W 05:00 PM-09:15 PM PS 113 02/21-06/16

30302 Farnum, M. T 07:00 AM-11:15 AM PS 113 02/21-06/16

Farnum, M. R 07:00 AM-11:15 AM PS 113 02/21-06/16

32376 Farnum, M. F 08:00 AM-12:15 PM PS 113 02/21-06/16

Farnum, M. S 07:30 AM-11:45 AM PS 222 02/21-06/16

32965 Ramirez, L. S 07:30 AM-11:45 AM PS 211 02/21-06/16

Ramirez, L. S 12:15 PM-04:30 PM PS 203 02/21-06/16

30300 Ryba, D. HRS-ARRG ONLINE 02/21-04/06

Ryba, D. WF 08:00 AM-12:50 PM PS 222 02/21-04/06

**ONLINE EDUCATION HYBRID CLASS.** For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). **ON-CAMPUS REQUIREMENTS:** Mandatory lab meets Wednesday and Friday on-campus. Lecture takes place online. First 7 weeks.

32966 Ryba, D. WF 08:00 AM-12:50 PM PS 222 04/23-06/08

Ryba, D. HRS-ARRG ONLINE 04/23-06/08

**ONLINE EDUCATION HYBRID CLASS.** For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). **ON-CAMPUS REQUIREMENTS:** Mandatory lab meets Wednesday and Friday on-campus. Lecture takes place online. Second 7 weeks.

**CHEM 104 College Chemistry 5 Units**

Prerequisite: CHEM 103 or CHEM 110.

The second semester of a year program includes chemistry of organic compounds; covers topics in biochemistry including carbohydrates, fats, proteins, metabolism, nucleic acids, and nutrition. Required for students transferring to four-year college nursing programs and students majoring in physical therapy, occupational therapy and home economics. 72 lecture hours, 72 lab hours. CSU UC

30328 Farahani, B. T 05:00 PM-09:15 PM PS 113 02/21-06/16

Farahani, B. R 05:00 PM-09:15 PM PS 113 02/21-06/16

**CHEM 110 Beginning General Chemistry 5 Units**

Prerequisite: MATH 142 or MATH 150 or higher; MATH 150 may be taken concurrently.

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

An introductory course in the fundamental principles of chemistry. Topics covered are those necessary for understanding chemical structure and reactivity, and for 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

32669 Miles, T. MW 11:30 AM-12:55 PM PS 113 02/21-06/16

Miles, T. MW 07:35 AM-11:10 AM PS 222 02/21-06/16

32670 Miles, T. MW 11:30 AM-12:55 PM PS 113 02/21-06/16

Miles, T. MW 01:10 PM-04:45 PM PS 222 02/21-06/16

32967 Miles, T. MW 11:30 AM-12:55 PM PS 113 02/21-06/16

Miles, T. TR 05:00 PM-08:35 PM PS 222 02/21-06/16

32676 Farnum, M. TR 11:30 AM-12:55 PM PS 113 02/21-06/16

Farnum, M. TR 07:35 AM-11:10 AM PS 222 02/21-06/16

32677 Farnum, M. TR 11:30 AM-12:55 PM PS 113 02/21-06/16

Farnum, M. TR 01:10 PM-04:45 PM PS 222 02/21-06/16

32968 Farnum, M. TR 11:30 AM-12:55 PM PS 113 02/21-06/16

Farnum, M. TR 05:00 PM-08:50 PM PS 222 02/21-06/16

**CHEM 111 General Chemistry 5 Units**

Prerequisites: MATH 142 or MATH 150 or higher; CHEM 110 or passing score on Chemistry Placement Test.

A general course in the fundamental principles of chemistry. Topics covered include periodicity, stoichiometry, nomenclature, atomic structure, bonding, chemical calculations, thermodynamics, intermolecular forces, gases and organic chemistry. The course is designed for all science and engineering majors and pre-medical students. 54 lecture hours, 126 lab hours. CSU UC

32970 Entus, R. TR 11:30 AM-12:55 PM LH 103 02/21-06/16

Entus, R. MW 01:10 PM-04:45 PM PS 211 02/21-06/16

32683 Entus, R. TR 11:30 AM-12:55 PM LH 103 02/21-06/16

Entus, R. TR 07:35 AM-11:10 AM PS 211 02/21-06/16

32684 Entus, R. TR 11:30 AM-12:55 PM LH 103 02/21-06/16

Entus, R. TR 01:10 PM-04:45 PM PS 211 02/21-06/16

**CHEM 112 General Chemistry 5 Units**

Prerequisite: CHEM 111.

A general course in the fundamental principles of chemistry. CHEM 112 is a continuation of CHEM 111 and includes topics of equilibrium, kinetics, acid-base chemistry, electrochemistry, nuclear processes, coordination chemistry and thermodynamics. 54 lecture hours, 126 lab hours. CSU UC

32687 Miles, T. TR 11:30 AM-12:55 PM PS 222 02/21-06/16

Miles, T. MW 07:35 AM-11:10 AM PS 203 02/21-06/16

32688 Miles, T. TR 11:30 AM-12:55 PM PS 222 02/21-06/16

Miles, T. TR 07:35 AM-11:10 AM PS 203 02/21-06/16

33444 Farnum, M. MW 11:30 AM-12:55 PM PS 222 02/21-06/16

Farnum, M. MW 01:10 PM-04:45 PM PS 203 02/21-06/16

**CHEM 220 Organic Chemistry B 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, NMR. Second semester course required for students in pre-professional programs in medicine, dentistry, pharmacy, veterinary science, biology, and

chemistry. CHEM 221L is required concurrently for most of the stated majors.

54 lecture hours. CSU UC

30348 Farahani, B. WF 07:30 AM-08:55 AM PS 107 02/21-06/16

**CHEM 221L Organic Chemistry B Laboratory 1 Units**

Prerequisites: CHEM 210 and CHEM 211L; CHEM 220 (or concurrent enrollment).

Synthesis of selected organic compounds, including multi-step processes, techniques of column chromatography, IR spectroscopy. 54 lab hours. CSU UC

30349 Farahani, B. F 09:15 AM-12:25 PM PS 211 02/21-06/16

**Child Development**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**CHLD 100 Introduction to Education and Teaching Grades K-12 3 Units**

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

This course is an introductory course for students wishing to explore the teaching profession in the K-12 setting. Topics include an introduction to teacher performance expectations and California Standards for the teaching profession. Other topics include pedagogical strategies, curriculum design, California subject matter standards, use of technology in today's classroom and the importance of current issues and legislation. In addition, students are REQUIRED to observe 45 hours in a PUBLIC ELEMENTARY

CLASSROOM to complete the course successfully. 54 lecture hours. CSU

30740	Bartelt, L.	MW	09:55 AM-11:20 AM	LB 107	02/21-06/16
30741	Bartelt, L.	F	11:30 AM-02:40 PM	LB 107	02/21-06/16

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

This course will present an overview of knowledge and skills related to providing curriculum and environments for young children from birth through age six.

Examination of the teacher's role in supporting learning and development in young children with an emphasis on the essential role of play. This course provides strategies for developmentally appropriate practice based on observation and assessments across the curriculum including the following areas: 1) language and literacy, math and science, 2) creative art and experiences 3) development of physical, social-emotional and cognitive skills. 54 lecture hours. CSU

30749	Hahn, S.	MW	11:30 AM-12:55 PM	LB 107	02/21-06/16
31555	Hahn, S.	TR	01:05 PM-02:30 PM	LB 107	02/21-06/16

**CHLD 110 Early Childhood Development 3 Units**

This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through early childhood. There will be an emphasis on interactions between maturational processes and environmental factors. While studying development, students will observe children, evaluate individual

differences and analyze characteristics of development at various stages. 54 lecture hours. CSU

30743	Hahn, S.	TR	11:30 AM-12:55 PM	LB 107	02/21-06/16
30744	Hahn, S.	W	03:40 PM-06:50 PM	LB 107	02/21-06/16

**CHLD 122 Music and Rhythms for Children 2 Units**

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

This student will provide the student with basic skills and techniques for using musical instruments, recordings and songs and develop rhythmic movement activities to use with preschool and early school-age children. Students will analyze, discuss and plan developmentally appropriate curriculum that supports children's music and movement needs. Previous music experience is not required. 36 lecture hours. CSU

32037	Mitchell, M.	R	03:45 PM-05:50 PM	LB 310	02/21-06/16
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**CHLD 112 Principles of Early Childhood Education I 3 Units**

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

This course is designed to introduce students to the theoretical principles of developmentally appropriate practice as applied to programs and environments with an emphasis on the role of relationships, constructive adult-child-parent

interactions, and teaching strategies that support physical, social/emotional, creative and intellectual development for all young children regardless of their individual and diverse needs. Observation, analysis and assessment of programs for young children will be required. The course includes a review of the historical roots of early childhood programs and the evolution of professional practices promoting advocacy, ethics and professional identity. 54 lecture hours.

30746	Simpson, L.	MW	11:30 AM-12:55 PM	LB 103	02/21-06/16
30747	Simpson, L.	MW	05:25 PM-06:50 PM	LB 103	02/21-06/16

**CHLD 124 Math for Children 1 Units**

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

The student will gain knowledge of practical mathematics activities to use with preschool and early-school age children. The student will plan developmentally appropriate math curriculum activities. This course focuses on analyzing relevant theories of child development to provide the student with opportunities to evaluate mathematical materials and activities for use in the early childhood education classroom. 18 lecture hours. CSU

32354	Mitchell, M.	R	06:00 PM-06:50 PM	LB 310	02/21-06/16
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**CHLD 144 Health, Safety and Nutrition for Young Children 3 Units**

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

This course provides an overview of health, safety and nutrition standards, regulations, laws, policies and procedures and focuses on health, safety and nutrition program development and curriculum materials in early childhood education settings. Key components that ensure physical and mental health and

safety for both children and staff will be identified. Emphasis will be placed on

the importance of collaborating with families and health professionals. 54 lecture hours. CSU

33214	Mitchell, M.	T	07:00 PM-10:10 PM	LB 310	02/21-06/16
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**CHLD 114 Home-Child-Community Relations 3 Units**

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

An examination of the developing child in a societal context which focuses on the interrelationships of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity

development will be highlighted. The course includes an examination of community resources, the teacher's role and the influences of age, gender, diverse abilities, culture, socio-economic status and public policy factors that affect children and families. 54 lecture hours. CSU

30748	Hahn, S.	TR	09:55 AM-11:20 AM	LB 107	02/21-06/16
31078	Hahn, S.	W	07:00 PM-10:10 PM	LB 107	02/21-06/16

**CHLD 154 Observing and Recording Behavior 3 Units**

Prerequisites: CHLD 110 or PSY 206; CHLD 112.

This course focuses on the appropriate use of assessment and observation strategies to document development, growth, curriculum and activities in early childhood. Students will practice a variety of techniques in a variety of different settings including; recording strategies, rating systems, portfolios, and multiple assessment tools. 54 lecture hours. CSU

32719	Simpson, L.	MW	03:50 PM-05:15 PM	LB 103	02/21-06/16
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**CHLD 116 Introduction to Curriculum 3 Units**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**CHLD 156 Practicum in Early Childhood Education 2 Units**

Prerequisites: CHLD 112, CHLD 114, CHLD 116 and CHLD 154; CHLD 110 or PSY 206.

Co-Requisite: CHLD 156L.

This course is designed to provide the student with opportunities to plan and implement developmentally appropriate activities in an early childhood setting. Emphasis is placed on developing professional relationships, planning and

implementation of curriculum, environment design. A variety of programs and philosophies will be examined. Students will use practical classroom experiences to make connections between theory and practice and are required to be registered in CHLD 156L concurrently. 36 lecture hours. CSU  
 33203 Simpson, L. T 04:00 PM-06:05 PM LB 107 02/21-06/16  
**Lecture section only. Lab section also required.**  
 32355 Simpson, L. R 06:05 PM-08:10 PM LB 107 02/21-06/16  
**Lecture section only. Lab section also required.**

**CHLD 156L Practicum Lab 1 Units**

Prerequisites: CHLD 112, CHLD 114, CHLD 116 and CHLD 154; CHLD 110 or PSY 206.

Corequisite: CHLD 156.

The student will have the opportunity for application of acquired knowledge and teaching skills directly in the early childhood classroom. The students will gain experience teaching activities to children and developing a professional attitude. NOTE: This class should be taken at the same time as

CHLD 156 Practicum. 54 lab hours. CSU  
 33204 Simpson, L. HRS-ARRG 02/21-06/16  
**Lab section only. Lecture section also required.**  
**Hours to be completed off campus as a pre-school facility.**  
 32356 Simpson, L. HRS-ARRG 02/21-06/16  
**Lab section only. Lecture section also required.**  
**Hours to be completed off campus at a pre-school facility.**

**CHLD 164 The Child with Special Needs 3 Units**

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

A presentation of different types of atypical development that interfere with normal physical, cognitive, social, behavioral and emotional growth from preschool through early school-age children. 54 lecture hours. CSU  
 31976 Pecoraro, S. R 07:00 PM-10:10 PM LB 102 02/21-06/16

**CHLD 166 Speech and Language Development and Disorders 2 Units**

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

This course will cover children's acquisition of speech and language skills from birth to age five. Emphasis will be on normal language, articulation, fluency, and voice development. Included will be children's language learning strategies, adult teaching strategies, language and cultural differences, and an overview of communication disorders, as well as appropriate referral to a professional.

36 lecture hours. CSU  
 30760 Gallo, M. W 06:05 PM-08:10 PM LB 302 02/21-06/16

**CHLD 168 Development Risk: Infants and Toddlers 2 Units**

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

This class introduces the student to early intervention strategies that are positive and cost-effective for use with children who are developmentally delayed or at risk for developmental delay. Information on Public Law 99-457 is included. Specific strategies for language intervention and child abuse reporting are also included. This class is appropriate for all professionals and paraprofessionals working with young children. 36 lecture hours. CSU  
 31742 Mitchell, M. T 03:50 PM-05:55 PM LB 310 02/21-06/16

**CHLD 183 Infant and Toddler Caregiver: Learning and Development 1 Units**

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

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

32038 Simpson, L. R 03:50 PM-05:55 PM LB 107 02/21-04/13  
**First 8 weeks.**

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

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

This is one of four one-unit classes in Infant and Toddler Caregiving based on the Responsive Caregiving approach. Students in this class will learn to set up a safe, intimate, and interesting environment for infants and toddlers. They will also learn the techniques of responsive caregiving in daily routines. This class partially meets the licensing requirement for 3 units in infant and toddler care and development. 18 lecture hours.

31743 Simpson, L. R 03:50 PM-05:55 PM LB 107 04/23-06/16  
**Second 8 weeks.**

**CHLD 191 Administration of Early Childhood Education Programs II 3 Units**

Prerequisites: CHLD 112, CHLD 114 and CHLD 116; CHLD 110 or PSY 206; Student may substitute other courses for CHLD 112 but must have 12+ units of child development.

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. CSU

32720 Gallo, M. R 07:00 PM-10:10 PM LB 310 02/21-06/16

**Chinese**

**CHIN 101 Chinese I 5 Units**

Strongly recommended: ENGL 099 or higher.

A course in elementary Chinese (Mandarin) grammar, vocabulary and pronunciation which aims at understanding, speaking, reading and writing simple Chinese and serves as an introduction to Chinese geography and culture. 90 lecture hours. CSU UC

32075 Yang, R. TR 03:50 PM-06:20 PM ED 167 02/21-06/16

**CHIN 102 Chinese II 5 Units**

Prerequisite: CHIN 101 or two years of high school Chinese.

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

Chinese 102 continues to present the fundamentals of Chinese grammar. Students are further trained to pronounce Mandarin correctly, to build their conversational and written vocabulary, and to read and write approximately 300 more Chinese characters. 90 lecture hours. CSU UC

31598 Ko, S. MW 01:05 PM-03:35 PM LB 307 02/21-06/16

**Communications**



Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**COMM 100 Mass Media and Society 3 Units**

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

A survey and evaluation of mass media in economic, historical, political, psychological, and sociological terms. Focuses on helping the media consumer understand the power and significance of mass communications: books, newspapers, magazines, radio, television, motion pictures, the Internet, public relations, and advertising. Discusses the rights and responsibilities and 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

33170	O'Neil, M.	MW	08:20 AM-09:45 AM	ED 165	02/21-06/16
30030	O'Neil, M.	TR	08:20 AM-09:45 AM	ED 165	02/21-06/16
32765	O'Neil, M.	TR	09:55 AM-11:20 AM	ED 165	02/21-06/16
30025	Schmiedt, P.	HRS-ARRG	ONLINE	ONLINE	02/21-06/16
33449	Villeneuve, T.	HRS-ARRG	ONLINE	ONLINE	02/21-06/16

**COMM 101 Reporting and Writing News 3 Units**

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

An introduction to defining, gathering, and writing the news. Stresses accuracy, objectivity, fairness, and balance. Practice in interviewing techniques, following rules of professional style, and writing basic news story structures for print, broadcast and online publications. Discussion of issues involving press rights and responsibilities, cultural sensitivity, taste, libel, and ethics. Required of all communication and journalism majors. 54 lecture hours. CSU

31143	O'Neil, M.	MW	09:55 AM-11:20 AM	VA 202	02/21-06/16
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**COMM 103 Freelance Journalism 1 Units**

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

This course is designed to accommodate students who wish to contribute to the campus newspaper, magazines and/or student publications websites but are unable to enroll in regular staff classes. Students who are interested in advertising, writing, photography, art, graphics and/or page design may participate in student publications to a limited extent through this class. 54 lab hours. CSU

30050	Schmiedt, P.	F	09:00 AM-12:10 PM	VA 236	02/21-06/16
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**COMM 104 Public Relations 3 Units**

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

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

32434	Long, S.	T	07:00 PM-10:10 PM	LB 203	02/21-06/16
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**COMM 136 Cultural History of American Films 3 Units**

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

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

31153	Villeneuve, T.	TR	11:30 AM-12:55 PM	LB 203	02/21-06/16
33121	Villeneuve, T.	HRS-ARRG	ONLINE	ONLINE	02/21-06/16

**COMM 200 Visual Communications 3 Units**

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

An introduction to the history and various uses of visual media. Analysis of visual media with an emphasis on its evolution as mass media and impact on society. 54 lecture hours. CSU UC

32767	Villeneuve, T.	MW	01:05 PM-02:30 PM	P1 101	02/21-06/16
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**COMM 230 Desktop Publishing 3 Units**

Strongly recommended: COMM 101.

Computer instruction and practice. Analysis of story structures and effectiveness of written material, rewriting, correction of errors, proofreading, headline writing, news and picture evaluation, and page design. Hands-on experience working on student publications with the college newspaper and magazine staffs. 36 lecture hours, 54 lab hours. CSU

30057	Schmiedt, P.	MW	02:30 PM-03:35 PM	VA 236	02/21-06/16
	Schmiedt, P.	MW	03:45 PM-05:05 PM	VA 236	02/21-06/16

**COMM 240A Newspaper Production: Beginning Staff 3 Units**

Strongly recommended: COMM 101; ENGL 099 if required by English placement or if required by English level.

An introductory lecture/laboratory journalism course that produces the college newspaper, the Clarion, and its website. Beginning staff members learn facts-based story telling techniques and modern news production skills. In collaboration with other publications classes, beginning staffers write, photograph, illustrate, and edit news, features and opinions for publication for student media. 36 lecture hours, 54 lab hours. CSU

32071	Schmiedt, P.	M	08:40 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	W	08:55 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	MW	09:55 AM-11:15 AM	VA 236	02/21-06/16

**COMM 240E Multimedia Newsroom: Intermediate Staff 3 Units**

Prerequisite: COMM 240A.

Strongly recommended: COMM 101.

A lecture/laboratory journalism course that produces the college newspaper, the Clarion, and website. Working in teams, and in collaboration with the other student publications classes, intermediate reporters produce news and feature story packages that may include a main article, sidebars, photos, charts and graphs, and/or illustrations for publication. 36 lecture hours, 54 lab hours. CSU

32438	Schmiedt, P.	M	08:40 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	W	08:55 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	MW	09:55 AM-11:15 AM	VA 236	02/21-06/16

**COMM 240C Multimedia Newsroom: Senior Staff 3 Units**

Prerequisite: COMM 240A.

Strongly recommended: COMM 101 and COMM 240B.

Advanced level lecture/laboratory journalism course that produces the college newspaper, the Clarion, and website. Senior staffers learn and put into practice the "watchdog" function of journalism. Working in teams, and in collaboration with the other student publications classes, senior staffers produce in-depth, investigative and enterprise story packages that may include a main article, sidebars, photos, charts and graphs, and/or illustrations for publication. 36 lecture hours, 54 lab hours. CSU

33334	Schmiedt, P.	M	08:40 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	W	08:55 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	MW	09:55 AM-11:15 AM	VA 236	02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**COMM 240E Multimedia Newsroom: Staff Leadership** **3 Units**

Prerequisite: COMM 240A.

Strongly recommended: COMM 101, COMM 240B, and COMM 240C.

Advanced level lecture/laboratory leadership training journalism course that produces the college newspaper, the Clarion, and website. Staff leaders serve as mentors, associate editors, and editor in chief to develop and guide less experienced students striving for journalism proficiency. Working in teams, and in collaboration with the other student publications classes, staff leaders produce story packages and special sections for publication as they advance toward professionalism. 36 lecture hours, 54 lab hours. CSU

33152	Schmiedt, P.	M	08:40 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	W	08:55 AM-09:45 AM	VA 231	02/21-06/16
	Schmiedt, P.	MW	09:55 AM-11:15 AM	VA 236	02/21-06/16

**COMM 245A Editorial Board** **2 Units**

Strongly recommended: COMM 101; ENGL 099 if required by English placement exam or if required by English level.

A study of the major aspects of editorial responsibilities. The course provides practical instruction and experience for campus editors in writing, editing, and evaluating editorials in student media, as well as formulating editorial policy. 36 lecture hours. CSU

32074	O'Neil, M.	TR	11:30 AM-12:35 PM	VA 236	02/21-06/16
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**COMM 250 Multimedia Reporting** **3 Units**

Strongly recommended: COMM 101; ENGL 099 if required by English placement or if required by English level.

This convergence journalism course incorporates print and broadcast techniques to produce multimedia pieces for the web. This includes multimedia storytelling incorporating writing, digital photography, shooting and editing video, and recording and editing sound. 54 lecture hours. CSU

33207	Schmiedt, P.	TR	09:55 AM-11:20 AM	VA 236	02/21-06/16
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**COMM 280 Magazine Production Staff** **3 Units**

Strongly recommended: COMM 101.

A lecture/laboratory course in which the organization, formula, format, and production methods of paper and/or digital magazines are studied and applied in the development of a college magazine. Activities include writing and editing stories, video and/or still photography, art, layout, and production as a paper-based or digital publication. 36 lecture hours, 54 lab hours. CSU

32922	O'Neil, M.	MW	11:30 AM-12:35 PM	VA 236	02/21-06/16
	O'Neil, M.	MW	12:45 PM-02:00 PM	VA 236	02/21-06/16

**COMM 698C Cooperative Education** **3 Units**

Prerequisite: Instructor permission.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to communication at their place of volunteer employment or training sites. 180 lab hours arranged.

33454	Schmiedt, P.		HRS-ARRG		02/21-06/16
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**Computer Science**

**CS 111 Introduction to Programming Concepts and Design** **4 Units**

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

An introduction to the principles of computer programming and software development. Topics covered include the program development cycle, developing algorithms, data and control structures, structured programming, and object-oriented programming. Data types, expressions, control structures, functions, file and stream I/O, and structured and abstract data types are introduced in this course. Microsoft's Visual Studio to help illustrate programming concepts common to modern high-level programming languages. Students must wait two years before retaking this course. 72 lecture hours. CSU UC

33307	Brashears, J.	MW	06:00 PM-08:05 PM	PC 317	02/21-06/16
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31711	Solis, R.	TR	07:30 AM-09:35 AM	PC 317	02/21-06/16
31991	Chang, K.	F	07:30 AM-09:30 AM	PC 317	02/21-06/16
	Chang, K.		HRS-ARRG	ONLINE	02/21-06/16

**ONLINE EDUCATION HYBRID CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: Class will meet every Friday. Online work also required.**

32828	Solis, R.		HRS-ARRG	ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**CS 157 iOS Programming I** **3 Units**

Prerequisite: CS 225.

Introduction to iOS programming using Apple's Swift programming language. Students will learn to develop applications that can be run on Apple's iPhone, iPads, Apple Watch and the Apple TV. Students will use the Xcode IDE to develop iOS Apps. 54 lecture hours. CSU

33308	Solis, R.		HRS-ARRG	ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**CS 225 Object Oriented Programming** **3 Units**

Strongly recommended: CS 111; also, MATH 142 or MATH 150.

This course introduces the discipline of computer science using a high level language utilizing programming and practical hands-on problem solving. Topics include the use of functions and parameter passing, simple I/O, control structures, user-defined data types, arrays, searching and sorting, algorithms and debugging strategies, data abstraction, concept of types and software development methods. 54 lecture hours, 18 lab hours. CSU UC

32196	Staff	TR	09:45 AM-11:10 AM	PC 317	02/21-06/16
	Staff	T	11:20 AM-12:10 PM	PC 317	02/21-06/16
32829	Solis, R.		HRS-ARRG	ONLINE	02/21-06/16
	Solis, R.		HRS-ARRG	ONLINE	02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**CS 232 Programming Concepts and Methodology II** **3 Units**

Prerequisite: CS 225.

Application of software engineering techniques to the design and development of large programs; data abstraction and structures and associated algorithms. 54 lecture hours, 18 lab hours. CSU UC

32457	Solis, R.	MW	09:45 AM-11:10 AM	PC 317	02/21-06/16
	Solis, R.	M	11:20 AM-12:10 PM	PC 317	02/21-06/16

**CS 242 Computer Architecture and Organization** **3 Units**

Prerequisite: CS 225 (or concurrent enrollment).

The organization and behavior of real computer systems at the assembly-language level. The mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined, noting the various data representation errors and potential procedural errors. 54 lecture hours. CSU UC

32830	Solis, R.	MW	12:30 PM-01:55 PM	PC 317	02/21-06/16
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**CS 277 Unity Game Programming II** **3 Units**

Prerequisite: CS 177.

This is the second course in Unity game programming using the C# programming language in the Unity 3D development environment. Topics include scripting, simple AI, animations, and path finding. 54 lecture hours. CSU

33310	Solis, R.	MW	08:00 AM-09:25 AM	PC 317	02/21-06/16
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**Cosmetology**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**COS 141 Introduction to Cosmetology 11 Units**

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

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

31103	Morrish, M.	MTWRF	08:00 AM-11:30 AM	TC 208	02/21-04/13
	Morrish, M.	MTWRF	11:40 AM-03:10 PM	TC 208	02/21-04/13

**Additional fees for the Cosmetology Program Kit are approximately \$2000 plus a miscellaneous cost of \$100. The Program Kit must be purchased on line from the Owl Book Store link at time of registration or on the first day of class to be able to continue in the program. Call the department at 626-914-8710 for further questions.**

31104	Morrish, M.	MTWRF	08:00 AM-11:25 AM	TC 208	04/23-06/16
	Morrish, M.	MTWRF	11:35 AM-03:10 PM	TC 208	04/23-06/16

**Additional fees for the Cosmetology Program Kit are approximately \$2000 plus a miscellaneous cost of \$100. The Program Kit must be purchased on line from the Owl Book Store link at time of registration or on the first day of class to be able to continue in the program. Call the department at 626-914-8710 for further questions.**

**COS 161 Haircolor 8 Units**

Prerequisite: COS 141.

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

A continuation of the science, theory, professional haircoloring techniques, and procedures following COS 141. Lectures, demonstrations, and practical experience in the following areas: advanced hair coloring procedures, advanced lightening procedures, specialized color application, and corrective haircolor. 80 lecture hours, 208 lab hours.

32485	Graciano, A.	MTWRF	08:00 AM-10:05 AM	PC 113	02/21-04/13
	Graciano, A.	MTWRF	10:15 AM-03:20 PM	PC 113	02/21-04/13
32492	Huynh, R.	MTWRF	08:00 AM-10:00 AM	PC 113	04/23-06/16
	Huynh, R.	MTWRF	10:10 AM-03:10 PM	PC 113	04/23-06/16

**COS 181 Haircutting 8 Units**

Prerequisite: COS 141.

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

A continuation of the theory of professional haircutting techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: ladies haircutting, male haircutting and clipper cutting. 80 lecture hours, 208 lab hours.

32506	Hernandez, S.	MTWRF	08:00 AM-10:05 AM	PC 108	02/21-04/13
	Hernandez, S.	MTWRF	10:15 AM-03:20 PM	PC 108	02/21-04/13
32507	Bautista, S.	MTWRF	08:00 AM-10:00 AM	PC 108	04/23-06/16
	Bautista, S.	MTWRF	10:10 AM-03:10 PM	PC 108	04/23-06/16

**COS 185 Skin and Nail Care 9 Units**

Prerequisite: COS 141.

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

A continuation of the science and theory of professional skin and nail care introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: facial treatments, electricity, anatomy, hair removal, nail treatments, nail enhancements and products. 120 lecture hours, 168 lab hours.

32508	Bautista, S.	MTWRF	08:00 AM-11:05 AM	PC 109	02/21-04/13
	Bautista, S.	MTWRF	11:15 AM-03:20 PM	PC 109	02/21-04/13
32509	Glover, P.	MTWRF	08:00 AM-10:50 AM	PC 109	04/23-06/16
	Glover, P.	MTWRF	11:00 AM-03:10 PM	PC 109	04/23-06/16

**COS 191 Hair Design 8 Units**

Prerequisite: COS 141.

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

A continuation of the science and theory of professional hairstyling techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: hair care, set design, thermal styling, long hair design and creative artistry in hair design. 80 lecture hours, 208 lab hours.

32493	Glover, P.	MTWRF	08:00 AM-10:05 AM	PC 112	02/21-04/13
	Glover, P.	MTWRF	10:15 AM-03:20 PM	PC 112	02/21-04/13
32494	Graciano, A.	MTWRF	08:00 AM-10:00 AM	PC 112	04/23-06/16
	Graciano, A.	MTWRF	10:10 AM-03:10 PM	PC 112	04/23-06/16

**COS 199A Esthetician I 8 Units**

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

An introductory course of skin care treatments, hair removal, make-up application, anatomy and physiology. This course also includes massage techniques, sanitation and disinfecting, disease and disorders of the skin, cosmetic chemistry, electrical current and modalities for skin care. The course focuses on the basic skills required to achieve a State Board License. Part one of a three-part course. 72 lecture hours, 216 lab hours.

31134	Everett, A.	MTWRF	07:30 AM-09:05 AM	TC 104	02/21-04/13
	Everett, A.	MTWRF	09:15 AM-02:40 PM	TC 104	02/21-04/13

**Phase one of a three-part course.**

**Additional fees for the Esthetician Kit are approximately \$2000 plus a miscellaneous cost of \$100. The Program Kit must be purchased on line from the Owl Bookshop link at time of registration or on the first day of class to be able to continue in the program. Call the department at 626-914-8710 for further questions.**

**COS 199B Esthetician II 8 Units**

Prerequisite: COS 199A.

This course is part two of the esthetician program. A basic course which includes state board preparedness, customized facial treatments, the psychology of services, make-up artistry, color coordination, product knowledge and aromatherapy. Must be completed before entering part three, "Salon Fundamentals". 72 lecture hours, 216 lab hours.

32510	Slaby, M.	MTWR	05:30 PM-06:25 PM	TC 104	02/21-06/16
	Slaby, M.	MTWR	06:30 PM-09:45 PM	TC 104	02/21-06/16

**Phase two of a three-part course.**

31135	Everett, A.	MTWRF	07:30 AM-09:20 AM	TC 104	04/23-06/16
	Everett, A.	MTWRF	09:30 AM-02:40 PM	TC 104	04/23-06/16

**Phase two of a three-part course.**

**COS 201 Texture 8 Units**

Prerequisite: COS 141.

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

A continuation of the science and theory of professional permanent waving and straightening procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: chemical hair reformation techniques, treatments and formulations. 80 lecture hours, 208 lab hours.

32499	Felix, F.	MTWRF	08:00 AM-10:05 AM	PC 122	02/21-04/13
	Felix, F.	MTWRF	10:15 AM-03:20 PM	PC 122	02/21-04/13
32500	Hernandez, S.	MTWRF	08:00 AM-10:00 AM	PC 122	04/23-06/16
	Hernandez, S.	MTWRF	10:10 AM-03:10 PM	PC 122	04/23-06/16

**COS 211 Men's Haircutting Techniques 1.5 Units**

Prerequisite: COS 141, or enrolled in a cosmetology program with a minimum of 200 hours completed, or a licensed cosmetologist or barber.

This course focuses on men's haircutting and barbering. The course will include fades, tapers, clipper-cutting, clipper-over-comb, and shear-over-comb techniques. Beard and mustache trims, crew cuts, flat tops, and undercuts will also be covered. 9 lecture hours, 54 lab hours.

33341	Holm, D.	MW	05:30 PM-06:20 PM	PC 108	04/23-06/16
	Holm, D.	MW	06:30 PM-09:35 PM	PC 108	04/23-06/16

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**COS 221 Hair Extension Techniques 1.5 Unit:**

Prerequisites: COS 141, or enrolled in a cosmetology program with a minimum of 200 hours completed, or a licensed cosmetologist or barber. This class focuses on several hair extension techniques including: I-Tip, Microtip, Skinweft, Keratip, Plastic tubes, One-step weft, and Sew-ins. 9 lecture hours, 54 lab hours.

33342	Dea, A.	MW	05:30 PM-06:20 PM	TC 208	02/21-04/13
	Dea, A.	MW	06:30 PM-09:35 PM	TC 208	02/21-04/13

**First 8 weeks.**  
**Students must purchase a sample hair kit from the Owl Book Store prior to starting the class. The cost is approximately \$150.**

**Counseling**

**COUN 101 Career Self-Assessment 1 Units**

In this course the student will learn to appraise their self-esteem, values, skills and personality, and understand the implication of these factors in the selection of a vocational/educational goal. 18 lecture hours. CSU

33033	Rivadeneira, J.		HRS-ARRG	ONLINE	02/21-04/13
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. First 8 weeks.</b>					
33297	Rivadeneira, J.		HRS-ARRG	ONLINE	02/21-04/13
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. First 8 weeks.</b>					
32707	Desimone, N.		HRS-ARRG	ONLINE	02/21-04/13
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. First 8 weeks.</b>					
33034	Rivadeneira, J.		HRS-ARRG	ONLINE	04/23-06/16
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks.</b>					
33298	Rivadeneira, J.		HRS-ARRG	ONLINE	04/23-06/16
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks.</b>					

**COUN 145 Career/Life Planning 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Through personal exploration, occupational research and the study of contemporary work issues, students will increase their understanding of the relationship of the individual to the economic community and develop individual career plans. 54 lecture hours. CSU

32378	Sosa, R.	M	08:00 AM-11:10 AM	SS 211	02/21-06/16
33295	Ramos, N.	MW	09:55 AM-11:20 AM	SS 168	02/21-06/16
31582	Anderson, G.	MW	11:30 AM-12:55 PM	SS 165	02/21-06/16
32712	Whitfield, I.	TR	11:30 AM-12:55 PM	SS 211	02/21-06/16
33299	Desimone, N.	W	04:00 PM-07:10 PM	SS 165	02/21-06/16
32934	Yee, S.		HRS-ARRG	ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
33035	Yee, S.		HRS-ARRG	ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
33036	Yee, S.		HRS-ARRG	ONLINE	04/23-06/16
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks.</b>					

**COUN 158 Transfer Planning 1 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course provides in-depth information and assistance with the transfer process to four-year colleges/universities. It is designed to enable students to actively participate in planning their educational and career goals by providing information about the process and requirements for transferring from a community college to a university. Lower division major and general education requirements, college/university selection, admission procedures, application deadlines, financial aid and scholarship information are covered. 18 lecture hours. CSU

33440	Sanchez, R.	F	09:00 AM-11:05 AM	SS 165	02/21-04/13
<b>First 8 weeks.</b>					
33442	Sanchez, R.	F	09:00 AM-11:05 AM	SS 165	04/23-06/16
<b>Second 8 weeks.</b>					

**COUN 159 On Course to Success 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. The subject of this course is SUCCESS... what success is for you personally and how you can achieve it. Students will learn many proven strategies for creating greater academic, professional, and personal success. Guided journal writings will be used to explore these strategies, and as a bonus, students will learn to express themselves more effectively in writing. This course will help students discover how to create a rich, personally fulfilling life. Students are urged to make the most of this course in order to dramatically change the outcome of their lives for the better. 54 lecture hours. CSU

31228	McLeod, J.	MW	09:55 AM-11:20 AM	SS 165	02/21-06/16
31571	Castillo, C.	TR	09:55 AM-11:20 AM	SS 211	02/21-06/16

**COUN 160 Strategies for College Success 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. A course designed to give students the opportunity to create and change their habits and vision in order to have a rich, full, and rewarding scholastic life through adoption of positive attitude and critical thinking techniques. The course integrates the intellectual, physiological, social, and psychological aspects of being a college student. Learning strategies will be introduced that can be immediately and continuously applied so that students leave the course with confidence, enthusiasm, and a passion to succeed. 54 lecture hours. CSU UC

31003	Villa, E.	MW	08:20 AM-09:45 AM	SS 165	02/21-06/16
<b>Low Cost/No Cost Textbook.</b>					
30794	McBurney, R.	MW	11:30 AM-12:55 PM	SS 211	02/21-06/16
30793	McLeod, J.	TR	09:55 AM-11:20 AM	SS 165	02/21-06/16
<b>RECOMMENDED FOR STUDENTS WITH DISABILITIES.</b>					
33122	Miller, K.	T	06:00 PM-09:10 PM	SS 165	02/21-06/16
31205	Villa, E.		HRS-ARRG	ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
<b>Low Cost/No Cost Textbook.</b>					
32933	Herrera, R.		HRS-ARRG	ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
33038	Herrera, R.		HRS-ARRG	ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
33037	Villa, E.		HRS-ARRG	ONLINE	04/23-06/16
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks. Low Cost/No Cost Textbook.</b>					

**COUN 161 Higher Education Transitional Skills for Student Veterans/Families 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. A course designed to assist veterans in reintegrating to civilian life using physiological, social and psychological aspects of being a student. This course is also designed to give the veteran student the opportunity to create and change their habits and vision in order to have a rich, full, and rewarding scholastic life through adoption of positive attitude and critical thinking techniques. The course will introduce strategies to increase self-awareness, build confidence, develop leadership and gain informational tools to help achieve successful habits and implement study skills addressing the veteran student's needs. It will provide an essential opportunity to acquire skills applicable to the student's academic program, family life, and employability which will support transition. 54 lecture hours. CSU UC

32220	Rodriguez, D.	T	03:00 PM-06:10 PM	SS 166	02/21-06/16
<b>Strongly recommended for veterans.</b>					

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**COUN 201 Course Planning with Degree Works 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course is designed to introduce students to a successful college and transfer experience. Students will develop a comprehensive Student Educational Plan (SEP) based on individual educational goals and discuss strategies for selecting a major. DegreeWorks will be utilized to create the comprehensive plan. Students will learn about DegreeWorks, an online web-based degree-auditing and tracking tool that enables students to evaluate their academic progress towards completion of the CSUGE, IGETC, Associates Degree's, Certificates, or Skills Award. 54 lecture hours. CSU 33305 Herrera, R. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

**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, hip-hop and world dance. 54 lecture hours. CSU UC 32837 Allgaier, J. MW 07:00 PM-08:25 PM VA 231 02/21-06/16

**DANC 158 Beginning Hip-Hop Dance Techniques 1 Units**

A survey of the basic skills of hip-hop dance technique and history. This class provides basic technique, warm-ups, stretching, body control and stamina progressing to hip-hop dance combinations. This class prepares students specifically for occupational dance performance techniques in the hip-hop commercial dance industry. 18 lecture hours, 18 lab hours. CSU 31271 Liskey, R. T 04:00 PM-05:05 PM VT 323 02/21-06/16  
 Liskey, R. T 05:15 PM-06:05 PM VT 323 02/21-06/16

**DANC 159 Beginning Tap 1 Units**

Designed to instruct students in the dance technique of beginning tap. 18 lecture hours, 18 lab hours. CSU UC 30540 Valverde, Y. T 12:30 PM-01:20 PM VT 323 02/21-06/16  
 Valverde, Y. R 12:30 PM-01:20 PM VT 323 02/21-06/16

**DANC 160 Jazz Dance Techniques 1 Units**

A survey of the beginning level skills in jazz movement. This class provides basic technique and practice warm-ups, stretching, body control, and the building of stamina and strength progressing to dance combinations. 18 lecture hours, 18 lab hours. CSU UC 31274 Liskey, R. T 01:45 PM-02:50 PM VT 323 02/21-06/16  
 Liskey, R. T 03:00 PM-03:50 PM VT 323 02/21-06/16

**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. 18 lecture hours, 18 lab hours. CSU UC 32162 Liskey, R. R 01:45 PM-02:50 PM VT 323 02/21-06/16  
 Liskey, R. R 03:00 PM-03:50 PM VT 323 02/21-06/16

**DANC 162 Beginning Ballet 1 Units**

Designed to instruct students in the beginning level dance technique of classical ballet. Ballet barre, center floor and historical context of classical ballet are covered. 18 lecture hours, 18 lab hours. CSU UC 33065 Allgaier, J. M 04:30 PM-05:35 PM VT 323 02/21-06/16  
 Allgaier, J. M 05:45 PM-06:35 PM VT 323 02/21-06/16  
 32474 Allgaier, J. S 09:00 AM-10:05 AM VT 323 02/21-06/16  
 Allgaier, J. S 10:15 AM-11:05 AM VT 323 02/21-06/16

**DANC 172 Composition in Group Forms 2 Units**

Prerequisite: DANC 160 or DANC 161 or DANC 162 or Audition.  
 A practical course guiding the student in choreographic structure, designed specifically for group forms. All movement exploration will be on the basis of ballet, jazz or modern dance technique. 18 lecture hours, 54 lab hours. CSU UC 32896 Liskey, R. F 02:30 PM-03:20 PM VT 323 02/21-06/16  
 Liskey, R. F 03:30 PM-06:40 PM VT 323 02/21-06/16

**DANC 258 Intermediate Hip-Hop Dance 1 Units**

Prerequisite: DANC 158.  
 A survey of the intermediate level skills of hip-hop dance technique and history. This class provides intermediate level technique, warm-ups, stretching, body control and stamina progressing through hip-hop dance combinations. This class prepares students specifically for occupational dance performance techniques in the hip-hop commercial dance industry. 18 lecture hours, 18 lab hours. CSU UC 32164 Liskey, R. T 04:00 PM-05:05 PM VT 323 02/21-06/16  
 Liskey, R. T 05:15 PM-06:05 PM VT 323 02/21-06/16

**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. 18 lecture hours, 18 lab hours. CSU UC 31549 Valverde, Y. T 11:30 AM-12:20 PM VT 323 02/21-06/16  
 Valverde, Y. R 11:30 AM-12:20 PM VT 323 02/21-06/16

**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. 18 lecture hours, 18 lab hours. CSU UC 30568 Liskey, R. F 12:15 PM-01:20 PM VT 323 02/21-06/16  
 Liskey, R. F 01:30 PM-02:20 PM VT 323 02/21-06/16  
 32459 Liskey, R. T 01:45 PM-02:50 PM VT 323 02/21-06/16  
 Liskey, R. T 03:00 PM-03:50 PM VT 323 02/21-06/16

**DANC 261 Intermediate Modern Dance I 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. 18 lecture hours, 18 lab hours. CSU UC 33063 Liskey, R. R 01:45 PM-02:50 PM VT 323 02/21-06/16  
 Liskey, R. R 03:00 PM-03:50 PM VT 323 02/21-06/16

**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. 18 lecture hours, 18 lab hours. CSU UC 30573 Allgaier, J. W 04:30 PM-05:35 PM VT 323 02/21-06/16  
 Allgaier, J. W 05:45 PM-06:35 PM VT 323 02/21-06/16  
 32542 Allgaier, J. S 09:00 AM-10:05 AM VT 323 02/21-06/16  
 Allgaier, J. S 10:15 AM-11:05 AM VT 323 02/21-06/16

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>DANC 263A Dance for Musical Theatre - Beginning</b> <b>4 Units</b>					Prerequisite: DANC 261 or Audition. A more advanced study of modern dance through varied individual and group experiences. Includes more complicated exercises and combinations with emphasis on the individual's use of creative movement. 18 lecture hours, 18 lab hours. CSU UC				
Prerequisite: Audition. This course is an in-depth performance experience focusing on styles of body movement for musical theatre stage productions. The fundamentals of dance will be reviewed, including beginning ballet positions and exercises and beginning tap. Concepts of the history of dance in musical stage will also be explored. 36 lecture hours, 108 lab hours. CSU UC									
33078	Liskey, R.	F	02:30 PM-04:35 PM	VT 323	02/21-06/16				
	Liskey, R.	F	04:45 PM-10:00 PM	VT 323	02/21-06/16				
	Liskey, R.	U	08:20 AM-09:25 AM	VT 323	02/21-06/16				
<b>DANC 263B Dance for Musical Theatre- Intermediate</b> <b>4 Units</b>					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. 18 lecture hours, 18 lab hours. CSU UC				
Prerequisite: DANC 263A or Audition. This course is an in-depth performance experience focusing on styles of body movement for musical theatre stage productions at the intermediate level. The fundamentals of dance will be reviewed, progressing to intermediate ballet positions as well as intermediate jazz, tap and musical theatre terminology. Concepts of the history of dance in musical stage will also be explored in greater detail. 36 lecture hours, 108 lab hours. CSU UC									
30579	Allgaier, J.	W	04:30 PM-05:35 PM	VT 323	02/21-06/16				
	Allgaier, J.	W	05:45 PM-06:35 PM	VT 323	02/21-06/16				
<b>DANC 264 Beginning Popular Dance Techniques</b> <b>4 Units</b>					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. 18 lecture hours, 18 lab hours. CSU UC				
Prerequisite: Audition. 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. 36 lecture hours, 108 lab hours. CSU UC									
32848	Valverde, Y.	T	11:30 AM-12:20 PM	VT 323	02/21-06/16				
	Valverde, Y.	R	11:30 AM-12:20 PM	VT 323	02/21-06/16				
<b>DANC 266 Pop Dance: Rehearsal and Performance - Beginning</b> <b>2 Units</b>					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. 18 lecture hours, 18 lab hours. CSU UC				
Prerequisite: Audition. Special rehearsal and public performance above and beyond normal class expectations - beginning level. 18 lecture hours, 54 lab hours. CSU UC									
30581	Liskey, R.	F	12:15 PM-01:20 PM	VT 323	02/21-06/16				
	Liskey, R.	F	01:30 PM-02:20 PM	VT 323	02/21-06/16				
<b>DANC 269 Intermediate Tap II</b> <b>1 Units</b>					Prerequisite: DANC 281 or Audition. Designed to instruct students in the advanced techniques of advanced jazz dance for the purpose of performance. More challenging dance combinations and instruction in individual body control, strength, stamina, style, and line. 18 lecture hours, 18 lab hours. CSU UC				
Prerequisite: DANC 259 or Audition. A more in-depth study of students' abilities and techniques in tap dance progressing from the intermediate to advanced level. Increased emphasis on style, speed and accuracy of sounds. 18 lecture hours, 18 lab hours. CSU UC									
32898	Liskey, R.	M	11:30 AM-01:35 PM	VT 323	02/21-06/16				
	Liskey, R.	S	08:00 AM-11:10 AM	VT 208	02/21-06/16				
	Liskey, R.	U	09:35 AM-01:45 PM	VT 208	02/21-06/16				
<b>AUDITION REQUIRED. Course does not have waitlist.</b>									
<b>DANC 270 Intermediate Jazz Dance II</b> <b>1 Units</b>					Prerequisite: DANC 289 or Audition. Live dance concert production. Students will function as dance members in a fully produced dance production. The course is also open to all qualified students who wish to participate in production. 36 lecture hours, 72 lab hours. CSU UC				
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. 18 lecture hours, 18 lab hours. CSU UC									
32897	Liskey, R.	F	02:30 PM-04:35 PM	VT 323	02/21-06/16				
	Liskey, R.	F	04:45 PM-09:00 PM	VT 323	02/21-06/16				
<b>AUDITION REQUIRED. Course does not have waitlist.</b>									
<b>DANC 271 Intermediate Modern Dance II</b> <b>1 Units</b>					Prerequisite: DANC 292 or Audition. A course in the upper advanced techniques of classical ballet for the purpose of performance level technique and strength. An intense study of movement vocabulary centered on individual style, strength, and technique. 18 lecture hours, 18 lab hours. CSU UC				
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. 18 lecture hours, 18 lab hours. CSU UC									
32897	Liskey, R.	F	12:15 PM-01:20 PM	VT 323	02/21-06/16				
	Liskey, R.	F	01:30 PM-02:20 PM	VT 323	02/21-06/16				
<b>DANC 272 Intermediate Ballet II</b> <b>1 Units</b>					Prerequisite: DANC 271 or Audition. A course in the upper advanced techniques of classical ballet for the purpose of performance level technique and strength. An intense study of movement vocabulary centered on individual style, strength, and technique. 18 lecture hours, 18 lab hours. CSU UC				
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. 18 lecture hours, 18 lab hours. CSU UC									
32178	Allgaier, J.	W	04:30 PM-05:35 PM	VT 323	02/21-06/16				
	Allgaier, J.	W	05:45 PM-06:35 PM	VT 323	02/21-06/16				
<b>DANC 279 Advanced Tap I</b> <b>1 Units</b>					Prerequisite: DANC 272 or Audition. A course in the advanced techniques of classical ballet for the purpose of performance. A more in-depth study of movement vocabulary centered on individual style, strength, and technique. 18 lecture hours, 18 lab hours. CSU UC				
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. 18 lecture hours, 18 lab hours. CSU UC									
32847	Valverde, Y.	T	11:30 AM-12:20 PM	VT 323	02/21-06/16				
	Valverde, Y.	R	11:30 AM-12:20 PM	VT 323	02/21-06/16				
<b>DANC 281 Advanced Jazz Dance I</b> <b>1 Units</b>					Prerequisite: DANC 279 or Audition. An advanced study of students' abilities and techniques in tap dance. Increased emphasis on style, speed and accuracy of sounds. 18 lecture hours, 18 lab hours. CSU UC				
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. 18 lecture hours, 18 lab hours. CSU UC									
32847	Valverde, Y.	T	11:30 AM-12:20 PM	VT 323	02/21-06/16				
	Valverde, Y.	R	11:30 AM-12:20 PM	VT 323	02/21-06/16				
<b>DANC 284 Intermediate Popular Dance Techniques</b> <b>4 Units</b>					Prerequisite: DANC 281 or Audition. Designed to instruct students in the advanced techniques of advanced jazz dance for the purpose of performance. More challenging dance combinations and instruction in individual body control, strength, stamina, style, and line. 18 lecture hours, 18 lab hours. CSU UC				
Prerequisite: DANC 264 or Audition. This course is an in-depth performance experience focusing on intermediate level popular dance styles. The fundamentals of dance will be reviewed, and a focus on modern dance styles and techniques will be explored. Concepts of commercial dance techniques for videos and pop stage will also be studied. 36 lecture hours, 126 lab hours. CSU UC									
30581	Liskey, R.	F	12:15 PM-01:20 PM	VT 323	02/21-06/16				
	Liskey, R.	F	01:30 PM-02:20 PM	VT 323	02/21-06/16				
<b>DANC 289 Dance Concert Production</b> <b>3 Units</b>					Prerequisite: DANC 284 or Audition. This course is an in-depth performance experience focusing on intermediate level popular dance styles. The fundamentals of dance will be reviewed, and a focus on modern dance styles and techniques will be explored. Concepts of commercial dance techniques for videos and pop stage will also be studied. 36 lecture hours, 126 lab hours. CSU UC				
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. 36 lecture hours, 72 lab hours. CSU UC									
32899	Liskey, R.	M	11:30 AM-01:35 PM	VT 323	02/21-06/16				
	Liskey, R.	S	08:00 AM-11:10 AM	VT 208	02/21-06/16				
	Liskey, R.	U	09:35 AM-01:45 PM	VT 208	02/21-06/16				
<b>DANC 292 Advanced Ballet I</b> <b>1 Units</b>					Prerequisite: DANC 289 or Audition. Live dance concert production. Students will function as dance members in a fully produced dance production. The course is also open to all qualified students who wish to participate in production. 36 lecture hours, 72 lab hours. CSU UC				
Prerequisite: DANC 272 or Audition. A course in the upper advanced techniques of classical ballet for the purpose of performance level technique and strength. An intense study of movement vocabulary centered on individual style, strength, and technique. 18 lecture hours, 18 lab hours. CSU UC									
32897	Liskey, R.	F	02:30 PM-04:35 PM	VT 323	02/21-06/16				
	Liskey, R.	F	04:45 PM-09:00 PM	VT 323	02/21-06/16				
<b>AUDITION REQUIRED. Course does not have waitlist.</b>									

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**DANC 296 Pop Dance: Rehearsal and Performance- Intermediate 2 Units**

Prerequisite: DANC 266.

Special rehearsal and public performance above and beyond normal class expectations- intermediate level. 18 lecture hours, 54 lab hours. CSU UC

32901	Liskey, R.	W	11:30 AM-12:20 PM	VT 323	02/21-06/16
	Liskey, R.	S	11:30 AM-02:40 PM	VT 323	02/21-06/16

**Dental Assisting**

**DENT 100 Dental Assisting Basics 2.5 Unit:**

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

This course will give the beginning dental assisting student a foundational knowledge of basic terminology, structures of the oral cavity, tooth morphology, tissues of the teeth, charting, and oral health care. The student will be oriented to the profession of dentistry in terms of governing bodies, professional organizations, ethics and jurisprudence. 45 lecture hours.

30893	Brewster, D.	MW	08:30 AM-11:20 AM	PC 217	02/21-04/13
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First 8 weeks. To apply and register for the RDA program, go to the Dental Assisting page on the Citrus College website for information.

**DENT 101 Chairside Assisting 3 Units**

Prerequisite: DENT 100 or concurrent enrollment.

This lecture/lab course provides preclinical instruction in four-handed dentistry techniques and prepares the student to assist a dentist at chairside. Content includes: the use and care of dental equipment, oral evacuation, instrument transfer, tray setups, infection control, preparation of anesthetic syringe, rubber dam, tofflemire matrix, cavity preparation, and rotary and hand instruments. Emphasis is placed on the responsibilities of a chairside dental assistant during general restorative procedures. 45 lecture hours, 72 lab hours.

32913	Brewster, D.	TR	08:30 AM-11:20 AM	PC 217	02/21-04/13
	Brewster, D.	F	08:30 AM-01:55 PM	PC 215	02/21-04/13
	Brewster, D.	R	12:00 PM-03:10 PM	PC 215	02/21-04/13

First 8 weeks.

32526	Brewster, D.	TR	08:30 AM-11:20 AM	PC 217	02/21-04/13
	Brewster, D.	R	03:15 PM-06:25 PM	PC 215	02/21-04/13
	Brewster, D.	F	08:30 AM-01:55 PM	PC 215	02/21-04/13

First 8 weeks.

**DENT 102 Dental Materials 2.5 Unit:**

Prerequisite: DENT 100 or concurrent enrollment.

This course presents the basic physical and technical aspects of dental materials utilized in restorative, and laboratory dental procedures. It is designed to develop the manipulative skills necessary for the application of these materials. 36 lecture hours, 54 lab hours.

30900	Gonzales, R.	MW	12:00 PM-02:10 PM	PC 217	02/21-04/13
	Gonzales, R.	T	12:00 PM-04:50 PM	PC 217	02/21-04/13
	Gonzales, R.	W	02:40 PM-04:50 PM	PC 217	02/21-04/13

First 8 weeks.

32527	Gonzales, R.	MW	12:00 PM-02:10 PM	PC 217	02/21-04/13
	Gonzales, R.	T	12:00 PM-04:50 PM	PC 215	02/21-04/13
	Gonzales, R.	W	02:40 PM-04:50 PM	PC 215	02/21-04/13

First 8 weeks.

**DENT 122 Infection Control in the Dental Office 1.5 Unit:**

Prerequisite: DENT 100 or concurrent enrollment.

This course is designed to prepare the dental assistant in the prevention of disease transmission in the work environment. Emphasis is placed on knowledge of the infectious disease process, use of barriers, sterilization, disinfection, OSHA requirements, and the concept of standard precautions. 27 lecture hours.

30903	Parry, E.	W	08:30 AM-11:40 AM	PC 215	04/23-06/16
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Second 8 weeks.

**DENT 123 Preventive Dental Health 2 Units**

Prerequisite: DENT 100 or concurrent enrollment.

Fundamental skills involved in assessing the dental patient's health, the effect on dental treatment and the adjustments to dental treatment needed to protect the physical welfare of the patient. This class provides instruction on health history, vital signs, recognition and management of medical emergencies, nutrition, and pharmacology. 36 lecture hours.

31732	Navarro, M.	F	08:30 AM-12:45 PM	PC 217	02/21-04/13
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First 8 weeks.

**DENT 124 Dental Specialties 2 Units**

Prerequisite: DENT 100 or concurrent enrollment.

The scope of this course includes instruction in the fundamental principals, instrumentation and procedures of various dental specialties with emphasis on the role of the auxiliary in each specialty. 36 lecture hours.

30905	Deligio-Mynster, D.	TR	08:30 AM-10:40 AM	PC 217	04/23-06/16
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Second 8 weeks.

**DENT 201 Dental Radiology 2 Units**

Prerequisites: DENT 100, 101, 102.

This course encompasses the preclinical and clinical instruction in radiation safety, exposing, processing and mounting of radiographs utilizing traditional and digital methods. Student must be 18 years of age or older. 18 lecture hours, 54 lab hours.

30906	Gonzales, R.	T	11:00 AM-01:10 PM	PC 217	04/23-06/16
	Gonzales, R.	T	01:50 PM-05:10 PM	PC 217	04/23-06/16
	Gonzales, R.	W	06:00 PM-09:10 PM	PC 217	04/23-06/16

ON-CAMPUS REQUIREMENTS: Mandatory orientation on Monday, 3/26/18 at 2:30pm in PC 217.

32528	Gonzales, R.	T	11:00 AM-01:10 PM	PC 217	04/23-06/16
	Gonzales, R.	T	05:50 PM-09:10 PM	PC 215	04/23-06/16
	Gonzales, R.	R	01:00 PM-04:10 PM	PC 215	04/23-06/16

ON-CAMPUS REQUIREMENTS: Mandatory orientation on Monday, 3/26/18 at 2:30pm in PC 217.

33296	Gonzales, R.	T	11:00 AM-01:10 PM	PC 217	04/23-06/16
	Gonzales, R.	W	02:30 PM-05:40 PM	PC 215	04/23-06/16
	Gonzales, R.	R	06:00 PM-09:10 PM	PC 215	04/23-06/16

ON-CAMPUS REQUIREMENTS: Mandatory orientation on Monday, 3/26/18 at 2:30pm in PC 217.

**DENT 202 Registered Dental Assistant 4.5 Unit:**

Prerequisites: DENT 101, 102, 121, 122, 123, 124.

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

This course provides preclinical and, where appropriate, clinical practice in functions delegated to the dental assistant and the registered dental assistant under the jurisdiction of the California Dental Practice Act as specified by the rules and regulations of the Board of Dental Examiners. Emphasis is placed on the practical application of each task, competency of performance, demonstrated concern for patient safety, and an acquired background knowledge to support each duty. 60 lecture hours, 81 lab hours.

33089	Brewster, D.	MW	08:00 AM-11:50 AM	PC 217	04/23-06/16
	Brewster, D.	M	12:30 PM-05:45 PM	PC 215	04/23-06/16
	Brewster, D.	F	08:00 AM-01:10 PM	PC 215	04/23-06/16

Second 8 weeks.

32531	Brewster, D.	MW	08:00 AM-11:50 AM	PC 217	04/23-06/16
	Brewster, D.	M	12:30 PM-05:45 PM	PC 215	04/23-06/16
	Brewster, D.	F	08:00 AM-01:10 PM	PC 215	04/23-06/16

Second 8 weeks.

32543	Brewster, D.	MW	08:00 AM-11:50 AM	PC 217	04/23-06/16
	Brewster, D.	TR	08:00 AM-01:10 PM	PC 215	04/23-06/16

Second 8 weeks.

**DENT 203 Dental Practice Experience 5.5 Unit:**

Prerequisites: DENT 122, 124, 201.

This course provides the student with the opportunity for application and performance of acquired knowledge and skills while assuming the role of a chairside assistant in a dental school setting or private dental office. This course may be taken two times. Offered for Pass/No Pass grading only. 300 lab hours.

30918	Brewster, D.	HRS-ARRG	FD		02/21-06/16
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ON-CAMPUS REQUIREMENTS: 2/28/18, 3/14/18, 3/28/18, 4/11/18, 4/30/18, 5/14/18, 6/11/18, from 6:00-7:00pm in PC 215 and on 5/31/18 from 12:00pm-12:30pm in PC 215.

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**DENT 204 RDA Clinical Procedures 1 Units**

Prerequisites: DENT 101, 102, 121, 123; DENT 203 or concurrent enrollment; Students must complete 180 hours of rotation in general dentistry during DENT 203 prior to starting this class.

This course covers those duties requiring clinical competence for the RDA: coronal polishing, pit & fissure sealants and mouth mirror inspection. 12 lecture hours, 28 lab hours.

30925	Brewster, D.	W	12:30 PM-02:00 PM	PC 217	04/23-06/16
	Brewster, D.	T	01:30 PM-05:00 PM	PC 215	04/23-06/16
32545	Brewster, D.	W	12:30 PM-02:00 PM	PC 217	04/23-06/16
	Brewster, D.	T	06:30 PM-10:00 PM	PC 215	04/23-06/16
32546	Brewster, D.	W	12:30 PM-02:00 PM	PC 217	04/23-06/16
	Brewster, D.	W	02:30 PM-05:50 PM	PC 215	04/23-06/16
32547	Brewster, D.	W	12:30 PM-02:00 PM	PC 217	04/23-06/16
	Brewster, D.	R	05:30 PM-09:00 PM	PC 215	04/23-06/16
33336	Brewster, D.	W	12:30 PM-02:00 PM	PC 217	04/23-06/16
	Brewster, D.	F	02:00 PM-05:30 PM	PC 215	04/23-06/16

**ON-CAMPUS REQUIREMENTS: 4/23/18-6/15/18 from 2:00pm-5:30pm in PC 217 and on 5/18/18 from 9:00am-12:30pm in PC 217.**

**Disabled Student Prog & Serv**

**DSPS 085 E-Text Basics 1 Units**

The course is designed to teach students with text disabilities to access and effectively utilize electronic text (e-text). 18 lecture hours.

32906	Hernandez, M.	R	11:30 AM-01:20 PM	SS 168	02/21-04/13
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First 8 weeks.

**DSPS 092 Study Skills for Students with Disabilities 2 Units**

The course is designed to teach compensatory strategies for students with disabilities as a way to mitigate educational limitations and/or acquire the fundamental study skills necessary to complete their educational goals. 36 lecture hours.

33306	Aguirre, S.	TR	11:30 AM-01:20 PM	SS 168	04/23-06/16
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Second 8 weeks.

**Drafting Technology**

**DRAF 101 Beginning Computer Aided Design (CAD) 3 Units**

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

A basic course for pre-engineering, pre-architecture students, and other students who have no previous Computer Aided Design (CAD) and mechanical drawing experience. 36 lecture hours, 72 lab hours. CSU

30630	Yu, J.	TR	09:00 AM-09:50 AM	PC 304	02/21-06/16
	Yu, J.	TR	10:00 AM-12:10 PM	PC 306	02/21-06/16
32478	Au, S.	MW	03:00 PM-03:50 PM	PC 304	02/21-06/16
	Au, S.	MW	04:00 PM-06:10 PM	PC 306	02/21-06/16

**DRAF 102 Visual Communication 2.5 Unit:**

Strongly recommended: DRAF 101.

Visual communication of 2-D and 3-D forms and functions are explored using sketching, drawing, and 2-D and 3-D software. Using 2-D and 3-D software, natural and man made forms are analyzed. Color and texture of form are studied as they are revealed by light, shade, and shadow. Students' perceptions of subject matter are translated into convincing visual expressions by learning the graphic skills and the use of a variety of media. Students sketch, draw, and render projects. 36 lecture hours, 36 lab hours. CSU

30650	Tabata, F.	TR	03:30 PM-04:25 PM	PC 309	02/21-06/16
	Tabata, F.	TR	04:35 PM-05:40 PM	PC 309	02/21-06/16

**DRAF 160 Foundation Digital Design Tools - Intermediate Computer Aided Design (CAD) 3 Units**

Strongly recommended: DRAF 101, one year of high school drafting or industry drafting experience.

Digital design drawing, modeling, tools, skills and concepts actively used in concurrent design studio. Assignments support concurrent design studio activity with an emphasis on introductory to intermediate digital design drawing. Computer-aided design (CAD) systems are applied to special problems in design. Techniques in creating symbol libraries are explored. Proper and efficient methods of producing plan views, sections, details and elevations are introduced along with dimensioning fundamentals and sheet layout. 45 lecture hours, 27 lab hours. CSU

33085	Yu, J.	TR	06:00 PM-07:05 PM	PC 304	02/21-06/16
	Yu, J.	TR	07:15 PM-08:05 PM	PC 306	02/21-06/16

**DRAF 161 Advanced Computer Aided Design (CAD and Design Tools) 3 Units**

Prerequisite: DRAF 160.

Strongly Recommended: DRAF 101.

An advanced computer-aided design (CAD) course developing 2-D and 3-D design projects. Digital design drawing and modeling, tools, skills and concepts actively used in concurrent design studio. Assignments support concurrent design studio activity with an emphasis on sketching, digital modeling for design study, iteration, variation, design illustration and representation with Building Information Modeling (BIM). 45 lecture hours, 27 lab hours. CSU

30621	Au, S.	MW	06:45 PM-07:50 PM	PC 306	02/21-06/16
	Au, S.	MW	08:00 PM-08:50 PM	PC 304	02/21-06/16

**Earth Science**

**ESCI 119 Physical Geology without Laboratory 3 Units**

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

This course investigates the dynamic nature of the Earth through the study of earth processes including: plate tectonics, earthquakes and the Earth's interior, mineral and rock systems, crustal deformation, weathering processes, glaciers, and deserts. Students may not receive credit for both ESCI 119 and ESCI 120. 54 lecture hours. CSU UC

32689	Fair, C.	MW	11:30 AM-12:55 PM	LH 102	02/21-06/16
31736	Hathaway, G.	T	02:50 PM-06:00 PM	TC 122	02/21-06/16
33162	Hathaway, G.	T	07:00 PM-10:10 PM	TC 122	02/21-06/16

**ESCI 120 Physical Geology 4 Units**

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

This course investigates the dynamic nature of the Earth through the study of earth processes including: plate tectonics, earthquakes and the Earth's interior, mineral and rock systems, crustal deformation, weathering processes, glaciers, and deserts. Students may not receive credit for both ESCI 119 and ESCI 120. 54 lecture hours, 54 lab hours. CSU UC

33288	Hathaway, G.	TR	08:20 AM-09:45 AM	TC 122	02/21-06/16
	Hathaway, G.	R	11:30 AM-02:40 PM	TC 122	02/21-06/16
32692	Hathaway, G.	TR	09:55 AM-11:20 AM	LH 102	02/21-06/16
	Hathaway, G.	T	11:30 AM-02:30 PM	TC 122	02/21-06/16
32694	Hathaway, G.	TR	09:55 AM-11:20 AM	LH 102	02/21-06/16
	Hathaway, G.	R	02:50 PM-06:00 PM	TC 122	02/21-06/16

**ESCI 124 Natural Disasters 3 Units**

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

Application of geologic principles in the study of natural disasters. Topics include earthquakes, volcanism, mass wasting, climate change, floods, coastal processes, mass extinctions, and meteorite impacts. 54 lecture hours. CSU UC

32412	Fair, C.	MW	01:05 PM-02:30 PM	PS 107	02/21-06/16
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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**ESCI 130 Physical Oceanography 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A study of marine geology and topography, physical processes within the marine environment, such as waves and currents, tides, sea-floor spreading, marine provinces, marine sediments, and environmental relationships.  
 54 lecture hours. CSU UC  
 32974 Rath, C. TR 09:55 AM-11:20 AM PS 107 02/21-06/16  
 32975 Rath, C. TR 11:30 AM-12:55 PM MA 227 02/21-06/16  
 31855 Rath, C. F 08:10 AM-11:20 AM LH 102 02/21-06/16

**ESCI 180 Introduction to Geographic Information Systems 4 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An introductory GIS course that will teach the theory and usage of Geographic Information Systems in a number of fields including business, resource management, Earth Sciences, and urban planning. Recommended for anyone using spatial data in their profession. 36 lecture hours, 108 lab hours. CSU UC  
 32380 Johnson, D. MW 06:00 PM-07:05 PM IS 110 02/21-06/16  
 Johnson, D. MW 07:15 PM-10:20 PM IS 110 02/21-06/16

**Economics**

**ECON 101 Principles of Macroeconomics 3 Units**

Prerequisite: MATH 030 or higher.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 Introduction to the theory of aggregate economic analysis. Emphasis is on demand and supply, market systems, national income accounting, business cycles, unemployment, inflation, economic growth, macroeconomic equilibrium, money and banking, fiscal and monetary policy, international trade and finance. 54 lecture hours. CSU UC  
 30801 Zawahreh, L. MW 09:55 AM-11:20 AM PC 314 02/21-06/16  
 30803 Styles, C. MW 11:30 AM-12:55 PM LB 204 02/21-06/16  
 30802 Zawahreh, L. MW 01:05 PM-02:30 PM LB 104 02/21-06/16  
 31252 Zawahreh, L. MW 03:50 PM-05:15 PM LB 104 02/21-06/16  
 32357 Zawahreh, L. TR 08:20 AM-09:45 AM LB 102 02/21-06/16  
 32721 Styles, C. TR 11:30 AM-12:55 PM LB 102 02/21-06/16  
 31257 Zawahreh, L. TR 01:05 PM-02:30 PM PS 113 02/21-06/16  
 32801 Gale, M. W 07:00 PM-10:10 PM LB 310 02/21-06/16  
 30804 Zawahreh, L. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
 33261 Styles, C. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**Second 8 weeks.**  
**ON-CAMPUS REQUIREMENTS: Students are required to take exams on campus in the Testing Center.**

**ECON 102 Principles of Microeconomics 3 Units**

Prerequisites: ECON 101 or ECON 101H; MATH 030 or higher.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An introductory course focusing on decision making from the viewpoint of the individual consumer, worker and firm. Emphasis is on price analysis, efficient allocation of resources, production costs, market structures, labor markets, market failure and applications to current economic policy. 54 lecture hours. CSU UC  
 31292 Zawahreh, L. MW 11:30 AM-12:55 PM PS 107 02/21-06/16  
 31255 Styles, C. MW 09:55 AM-11:20 AM LB 302 02/21-06/16  
 30808 Styles, C. TR 09:55 AM-11:20 AM LB 310 02/21-06/16  
 32048 White, J. T 07:00 PM-10:10 PM LB 306 02/21-06/16  
 30809 Styles, C. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students are required to take exams on campus in the Testing Center.**

**Emer Mgmt and Homeland Sec**

**EMER 162 Principles of Emergency Management 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course provides an introduction to the principles of Emergency Management and Disaster Planning. Topics covered include: terrorist profiles, trends in terrorism, the emergency operations plan, response consideration to chemical and biological incidents and components of the emergency management system. 54 lecture hours.  
 32582 Hadsell, C. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**EMER 163 Terrorism and Emergency Management 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course provides instruction to terrorism and the emergency management of terrorist types of acts. Topics covered include: concepts of emergency management, event management, local plans and resources, general biological terrorism concepts, medical consequences and planning guidelines. This course will present a foundation of the threat and explore mitigation techniques. 54 lecture hours.  
 32915 Flores, Y. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**EMER 164 Managing Hazardous Materials Incidents 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course provides an introduction to hazardous materials and management. Topics covered include; recognizing what hazardous materials are, the problems they pose; and how to begin a safe and effective response to a Haz Mat incident. Upon successful completion of the course students are eligible to sit for the California State Specialized Training Institute (CSTI) certification examination. 54 lecture hours.  
 32916 Rickman, T. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**Engineering**

**ENGR 101 Introduction to Engineering 3 Units**

Strongly recommended: MATH 175.  
 Introduction to the field of engineering with emphasis on engineering activities characterized in different engineering disciplines and functions. Topics include education and training requirements, ethical and environmental concerns, tools and problem solving techniques used in engineering, historical and engineering design activities and effective communication skills specific to the field of engineering. 36 lecture hours, 54 lab hours. CSU  
 32912 Kamara, A. R 05:00 PM-07:05 PM PS 125 02/21-06/16  
 Kamara, A. R 07:05 PM-10:10 PM PS 125 02/21-06/16

**ENGR 135 Engineering Mechanics: Statics 3 Units**

Prerequisites: MATH 191 and PHYS 201.  
 Strongly recommended: ENGL 099 if required by English placement or if required by English level.  
 A vectorial treatment of the principles of statics with application to engineering problems. Composition and resolution of co-planner force systems; equilibrium of rigid bodies; distributed forces in trusses; frames and cables; shear and bending moments in beams; moments of inertia of areas and bodies and graphical methods are used to model force systems and equilibrium conditions as applied to engineering statics problems. 54 lecture hours. CSU UC  
 33450 Hamawi, I. MW 05:25 PM-06:50 PM MA 222 02/21-06/16

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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### English

#### ENGL 098 English Fundamentals 2 Units

This course focuses intensively on English fundamentals including grammar, spelling, and basic literacy skills such as sentence structure, vocabulary acquisition, mechanics and punctuation, literal comprehension, reading responses, and student learning strategies. 18 lecture hours, 54 lab hours.

31473	Cortez, B.	M	10:20 AM-11:25 AM	ED 258	02/21-06/16
	Cortez, B.	MW	08:50 AM-10:10 AM	ED 258	02/21-06/16
31872	Huver, J.	T	10:20 AM-11:25 AM	ED 258	02/21-06/16
	Huver, J.	TR	08:50 AM-10:10 AM	ED 258	02/21-06/16
32763	Beach, K.	W	10:20 AM-11:25 AM	ED 258	02/21-06/16
	Beach, K.	MW	11:35 AM-12:55 PM	ED 258	02/21-06/16
31538	Huver, J.	R	10:20 AM-11:25 AM	ED 258	02/21-06/16
	Huver, J.	TR	11:35 AM-12:55 PM	ED 258	02/21-06/16
31472	Martinez, S.	M	02:35 PM-03:40 PM	ED 258	02/21-06/16
	Martinez, S.	MW	01:05 PM-02:25 PM	ED 258	02/21-06/16
32467	Zavala, R.	R	02:35 PM-03:40 PM	ED 258	02/21-06/16
	Zavala, R.	TR	03:50 PM-05:10 PM	ED 258	02/21-06/16

#### ENGL 099 Introduction to Reading and Composition 5 Units

Prerequisite: ENGL 098 or placement at the ENGL 099 level as defined by the College.

An introduction to fundamental techniques of reading and writing including sentence skills, paragraph and essay development, and use of literal and inferential comprehension for critical and analytical thinking, reading and writing at the college level. 90 lecture hours.

31486	Canton, J.	MTWR	07:00 AM-08:10 AM	LB 309	02/21-06/16
31502	Camacho, S.	MW	07:15 AM-09:45 AM	P1 104	02/21-06/16
31478	Dingman, J.	MTWR	08:35 AM-09:45 AM	ED 102	02/21-06/16
31480	Villeneuve, A.	MTWR	08:35 AM-09:45 AM	LB 307	02/21-06/16
31503	Canton, J.	MTWR	08:35 AM-09:45 AM	NB 100	02/21-06/16
31501	Kuroki, M.	FS	08:50 AM-11:20 AM	LB 309	02/21-06/16
31477	Dingman, J.	MTWR	09:55 AM-11:05 AM	P1 101	02/21-06/16
31484	Telesca, L.	MTWR	09:55 AM-11:05 AM	LB 304	02/21-06/16
31481	Secombe, J.	MTWR	09:55 AM-11:05 AM	P1 104	02/21-06/16
31494	Martinez, S.	MTWR	09:55 AM-11:05 AM	ED 201	02/21-06/16
33416	Galvez, L.	MTWR	11:30 AM-12:40 PM	P1 101	02/21-06/16
31483	Dingman, J.	MW	11:30 AM-02:00 PM	NB 100	02/21-06/16
31489	Gunderson, M.	MTWR	11:45 AM-12:55 PM	LB 307	02/21-06/16
31490	Martinez, S.	MTWR	11:45 AM-12:55 PM	ED 201	02/21-06/16
31485	Gunderson, M.	MTWR	01:05 PM-02:15 PM	LB 309	02/21-06/16
31493	Heyman, J.	TR	01:05 PM-03:35 PM	LB 307	02/21-06/16
31499	Leano, E.	MW	02:45 PM-05:15 PM	SB 100	02/21-06/16
31482	Povero, N.	TR	03:50 PM-06:20 PM	LB 305	02/21-06/16
33133	Kelly, D.	TR	04:00 PM-06:30 PM	P1 104	02/21-06/16
31504	Gunderson, M.	MW	06:40 PM-09:10 PM	LB 309	02/21-06/16
31505	Kelly, D.	MW	07:00 PM-09:30 PM	ED 205	02/21-06/16
31507	Andreoli, B.	TR	07:00 PM-09:30 PM	LB 105	02/21-06/16
31475	Van Citters, B.	HRS-ARRG		ONLINE	02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

ON-CAMPUS REQUIREMENTS: Writing Sample and Final ESSAY Exams are taken on campus. See Welcome Letter from instructor for specific dates. The Welcome Letter is sent prior to the beginning of class. Use ONLY the Citrus email account designated as the primary communication method in the online course. If Citrus student email is not accessible or set up, contact Tech Services at 626-857-4100. Low Cost/No Cost Textbook.

32013 Van Citters, B. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

On-Campus Requirements: Writing Sample and Final Essay Exams are taken on campus. See Welcome Letter from instructor for specific dates. The Welcome Letter is sent prior to the beginning class. Use ONLY the Citrus email account designated as the primary communication method in the online course. If technical arise or Citrus student email is not accessible or set up, contact Tech Services at 626-857-4100. Low Cost/No Cost Textbook.

#### ENGL 101 Reading and Composition 3 Units

Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 099 or ESL 100 with min. grade of C.

A college-level composition course emphasizing exposition, analysis, argument, and research techniques. Extensive writing practice based upon reading selections of culturally diverse fiction, non-fiction and verse. 54 lecture hours. CSU UC

33175	Villeneuve, A.	F	08:10 AM-11:20 AM	LB 307	02/21-06/16
31179	Heyman, J.	MW	08:20 AM-09:45 AM	LB 305	02/21-06/16
30520	Naiyer, Z.	MW	08:20 AM-09:45 AM	TC 127	02/21-06/16
30491	Durfield, A.	MW	08:20 AM-09:45 AM	LB 108	02/21-06/16
33153	Rudd, R.	MW	08:20 AM-09:45 AM	LB 106	02/21-06/16
31188	Naiyer, Z.	TR	08:20 AM-09:45 AM	ED 235	02/21-06/16
30489	Olivas, S.	TR	08:20 AM-09:45 AM	LB 304	02/21-06/16
32943	Curran, S.	FS	08:20 AM-09:45 AM	LB 308	02/21-06/16
30511	Henson, N.	MW	09:55 AM-11:20 AM	ED 102	02/21-06/16
30492	Heyman, J.	MW	09:55 AM-11:20 AM	LB 305	02/21-06/16
30522	Durfield, A.	MW	09:55 AM-11:20 AM	ED 167	02/21-06/16
32795	Dau, C.	MW	09:55 AM-11:20 AM	LB 203	02/21-06/16
30493	Odegaard, E.	TR	09:55 AM-11:20 AM	SB 100	02/21-06/16
30495	Villeneuve, A.	TR	09:55 AM-11:20 AM	LB 307	02/21-06/16
30500	Heyman, J.	TR	09:55 AM-11:20 AM	LB 305	02/21-06/16
30502	Rudd, R.	TR	09:55 AM-11:20 AM	LB 309	02/21-06/16
31184	Handa, S.	MW	11:30 AM-12:55 PM	ED 165	02/21-06/16
30494	Curran, K.	MW	11:30 AM-12:55 PM	LB 305	02/21-06/16
32769	Telesca, L.	TR	11:30 AM-12:55 PM	LB 304	02/21-06/16
33220	Hanson, S.	TR	11:30 AM-12:55 PM	LB 305	02/21-06/16
32204	Odegaard, E.	TR	11:30 AM-12:55 PM	SB 100	02/21-06/16
32522	Curran, S.	FS	11:30 AM-12:55 PM	LB 308	02/21-06/16
32768	Eiland, T.	MW	01:05 PM-02:30 PM	LI 120	02/21-06/16
30499	Dau, C.	MW	01:05 PM-02:30 PM	LB 105	02/21-06/16
32944	Henson, N.	MW	01:05 PM-02:30 PM	LB 308	02/21-06/16
30503	Durfield, A.	TR	01:05 PM-02:30 PM	LB 304	02/21-06/16
33217	Camacho, S.	TR	01:05 PM-02:30 PM	SB 100	02/21-06/16
33448	Salwak, D.	TR	01:05 PM-02:30 PM	LB 105	02/21-06/16
31167	Kang, E.	R	03:40 PM-06:50 PM	LB 105	02/21-06/16
32945	Handa, S.	MW	03:50 PM-05:15 PM	LB 106	02/21-06/16
32841	Ramos, C.	MW	03:50 PM-05:15 PM	NB 100	02/21-06/16
30498	Huver, J.	MW	03:50 PM-05:15 PM	ED 103	02/21-06/16
30512	Dau, C.	TR	03:50 PM-05:15 PM	LB 203	02/21-06/16
33134	Martinez, S.	TR	03:50 PM-05:15 PM	LB 308	02/21-06/16
30516	Handa, S.	MW	05:25 PM-06:50 PM	LB 307	02/21-06/16
31155	Galvez, L.	TR	05:25 PM-06:50 PM	LB 106	02/21-06/16
31190	Phillips, R.	MW	07:00 PM-08:25 PM	LB 307	02/21-06/16
30518	Overly, D.	M	07:00 PM-10:10 PM	LB 304	02/21-06/16
32809	Overly, D.	T	07:00 PM-10:10 PM	LB 304	02/21-06/16
31150	Overly, D.	R	07:00 PM-10:10 PM	LB 304	02/21-06/16
30545	Salwak, D.	HRS-ARRG		ONLINE	02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

ON-CAMPUS REQUIREMENTS: Students required to take exams on campus in Testing Center unless proctor arrangements are made in advance.

30510 Dau, C. HRS-ARRG ONLINE 02/21-06/16

31949 Hall, J. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

31266 Eiland, T. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

Low Cost/No Cost Textbook.

32953 Durfield, A. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

32154 Salwak, D. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

32796 Murakami, K. MTWR 01:05 PM-02:30 PM ED 201 04/23-06/16

LEARNING COMMUNITIES FAST TRACK CLASS. Must enroll in first 8 weeks ESL 100 class CRN 32231 and ESL 054 CRN 33293 and pass with a C or better to move onto the English 101 CRN 32796 and ESL 053 CRN 30222 classes. Second 8 weeks.

33176 Penarubia, R. MTWR 01:05 PM-02:30 PM ED 102 04/23-06/16

LEARNING COMMUNITIES FAST TRACK CLASS. Must enroll in first 8 weeks ESL 100 class CRN 33199 and ESL 054 32846. Must pass with a C or better to move onto the English 101 33176 and ESL 053 33291 classes in the second 8 weeks.

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>ENGL 101H Reading and Composition - Honors 3 Units</b>					30251	Henson, N.		HRS-ARRG	ONLINE 02/21-06/16
Prerequisite: ENGL 099 or ESL 100 or placement is based on multiple assessment measures; also, student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor. An advanced college level course emphasizing exposition, analysis, evaluation, synthesis, argument, and research techniques. Extensive writing practice based upon reading culturally diverse short stories, novels and related critical material. In addition, students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of fiction and on non-fiction literary readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU UC					<b>ENGL 103H Composition and Critical Thinking - Honors 3 Units</b>				
33166	Salwak, D.	TR	01:05 PM-02:30 PM	LB 105 02/21-06/16	Prerequisite: ENGL 101 or ENGL 101H; also, student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor. 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				
<b>ENGL 102 Introduction to Literature 3 Units</b>					30257	Dau, C.	TR	11:30 AM-12:55 PM	ED 129 02/21-06/16
Prerequisite: ENGL 101 or ENGL 101H or ESL 101. This course introduces representative works from major genres, develops students' close reading and analytical writing skills, and promotes appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature. 54 lecture hours. CSU UC					<b>ENGL 104 Argumentative Writing and Critical Thinking 3 Units</b>				
30078	Telesca, L.	MW	08:20 AM-09:45 AM	LB 304 02/21-06/16	Prerequisite: ENGL 101 or ENGL 101H. In this course, students will develop critical thinking, writing, and research skills beyond the ENGL 101 level by examining and modeling complex classical methods of invention, arrangement, and style for writing assignments. Students will read and critically evaluate (for meaning, purpose, strategy and style) expository and argumentative essays from classical sources and multi-cultural perspectives. Students will test prejudices they hold, prove or disprove a hypothesis, evaluate the opinions of others, explain the effect of the media, and attempt to synthesize opposing arguments on an issue through critical thinking. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU UC				
33177	Eisel, R.	TR	09:55 AM-11:20 AM	LB 308 02/21-06/16	32491 Heyman, J. TR 08:20 AM-09:45 AM LB 305 02/21-06/16				
<b>ENGL 103 Composition and Critical Thinking 3 Units</b>					32817 Henson, N. TR 11:30 AM-12:55 PM LB 309 02/21-06/16				
Prerequisite: ENGL 101 or ENGL 101H. 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					32770 Henson, S. TR 01:05 PM-02:30 PM LB 308 02/21-06/16				
32482	White, J.	MW	08:20 AM-09:45 AM	P1 103 02/21-06/16	31803 Godoy, D. MW 03:50 PM-05:15 PM P1 101 02/21-06/16				
31543	Eisel, R.	MW	08:20 AM-09:45 AM	LB 308 02/21-06/16	32772 Rudd, R. HRS-ARRG ONLINE 02/21-06/16				
31544	Durfield, A.	TR	08:20 AM-09:45 AM	LB 108 02/21-06/16	<b>ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe. Low Cost/No Cost Textbook.</b>				
31546	Hanson, S.	TR	08:20 AM-09:45 AM	SB 100 02/21-06/16	<b>ENGL 120 Introduction to Women's Literature 3 Units</b>				
33129	Godoy, D.	FS	08:20 AM-09:45 AM	LB 304 02/21-06/16	Strongly recommended: ENGL 099. This course emphasizes culturally diverse texts written by and about women. Using a variety of literary genres, including short fiction, novel, poetry, drama, and film, students will critically analyze cultural roles and images of women from a variety of theoretical perspectives. Students will explore the challenges women have faced, the biologically and socially constructed roles they have assumed and sometimes rejected, and the successes and accomplishments they have achieved in a predominantly patriarchal climate. 54 lecture hours. CSU UC				
31173	White, J.	MW	09:55 AM-11:20 AM	NB 100 02/21-06/16	33186 Heyman, J. MW 01:05 PM-02:30 PM LB 305 02/21-06/16				
30269	Odegaard, E.	MW	09:55 AM-11:20 AM	SB 100 02/21-06/16	<b>ENGL 210 Creative Writing 3 Units</b>				
31313	Salwak, D.	MW	09:55 AM-11:20 AM	LB 105 02/21-06/16	Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Instruction and practice in various forms of creative expression such as the short story, the novel, poetry, drama, and/or screenplay. Critical evaluation of professional and student writing. 54 lecture hours. CSU				
32771	Eisel, R.	MW	09:55 AM-11:20 AM	LB 308 02/21-06/16	32773 Odegaard, E. MW 08:20 AM-09:45 AM SB 100 02/21-06/16				
32811	Kang, E.	TR	09:55 AM-11:20 AM	ED 103 02/21-06/16	<b>ENGL 213 Horror Literature 3 Units</b>				
31545	Henson, N.	TR	09:55 AM-11:20 AM	NB 100 02/21-06/16	Prerequisite: ENGL 101 or ENGL 101H. Strongly recommended: ENGL 103 or ENGL 103H. An introduction to horror literature, this course is designed to give students an understanding of the application of literary analysis to horror literature. 54 lecture hours. CSU UC				
32812	Eiland, T.	MW	11:30 AM-12:55 PM	LI 120 02/21-06/16	33178 Eiland, T. HRS-ARRG ONLINE 02/21-06/16				
<b>Low Cost/No Cost Textbook.</b>					<b>Low Cost/No Cost Textbook.</b>				
30253	Odegaard, E.	MW	11:30 AM-12:55 PM	SB 100 02/21-06/16	<b>ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe.</b>				
32923	Kang, E.	TR	11:30 AM-12:55 PM	LB 105 02/21-06/16	<b>ON-CAMPUS REQUIREMENTS: Students required to take exams on campus in Testing Center unless proctor arrangements are made in advance.</b>				
30255	Eiland, T.	TR	11:30 AM-12:55 PM	LI 120 02/21-06/16	32537 Salwak, D. HRS-ARRG ONLINE 02/21-06/16				
<b>Low Cost/No Cost Textbook.</b>					<b>ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe.</b>				
32535	Durfield, A.	TR	11:30 AM-12:55 PM	LB 201 02/21-06/16	32816 Durfield, A. HRS-ARRG ONLINE 02/21-06/16				
33131	Ramos, C.	MW	01:05 PM-02:30 PM	SB 100 02/21-06/16	<b>ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe.</b>				
32813	Kang, E.	MW	01:05 PM-02:30 PM	TC 127 02/21-06/16	<b>ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe.</b>				
30256	Hernandez, A.	TR	01:05 PM-02:30 PM	LB 305 02/21-06/16					
32815	Hernandez, A.	TR	02:40 PM-04:05 PM	ED 103 02/21-06/16					
33189	Phillips, R.	MW	03:50 PM-05:15 PM	LB 307 02/21-06/16					
31162	Curran, K.	M	03:40 PM-06:50 PM	LB 203 02/21-06/16					
30263	Medrano, A.	TR	03:50 PM-05:15 PM	LB 307 02/21-06/16					
33132	Ramos, C.	MW	05:25 PM-06:50 PM	ED 102 02/21-06/16					
30265	White, J.	M	07:00 PM-10:10 PM	LB 105 02/21-06/16					
32481	Linville, B.	TR	07:00 PM-08:25 PM	ED 165 02/21-06/16					
30266	Harvey, J.	T	07:00 PM-10:10 PM	LI 120 02/21-06/16					
30267	Overly, D.	W	07:00 PM-10:10 PM	LB 304 02/21-06/16					
30273	Eiland, T.	HRS-ARRG		ONLINE 02/21-06/16					

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>ENGL 213H Horror Literature - Honors</b>					<b>ENGL 298 Literature of the Bible</b>				
3 Units					3 Units				
Prerequisite: ENGL 101 or ENGL 101H; also, student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor. Strongly recommended: ENGL 103 or ENGL 103H. This honors course is designed to give the student a knowledge and an appreciation of Horror literature, both fiction and non-fiction. Critical analysis of such works from various perspectives is exemplified through research and written analysis. Special emphasis is given to the quality of the impact on literature of selected classics. 54 lecture hours. CSU UC 33332 Eiland, T. TR 01:05 PM-02:30 PM LI 120 02/21-06/16 <b>Low Cost/No Cost Textbook.</b>					Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Reading and discussion of selected books from English translations of the Old and New Testaments. Emphasis is on the religious, social, political ideas, literary qualities, and textual problems. 54 lecture hours. CSU UC 30085 Salwak, D. MW 08:20 AM-09:45 AM LB 105 02/21-06/16				
<b>ENGL 252 Introduction to English Literature II</b>					<b>English As A Second Language</b>				
3 Units					<b>ESL 020 English Language Skills II</b>				
Prerequisite: ENGL 099 (or higher) or English placement exam eligibility for ENGL 101. This course surveys British literature from the late eighteenth century to contemporary British and postcolonial texts. 54 lecture hours. CSU UC 30080 Salwak, D. TR 09:55 AM-11:20 AM LB 105 02/21-06/16					Prerequisite: Placement is based on multiple assessment measures. A writing course for high-beginning English language students. Emphasis on production and comprehension of simple phrases, basic sentence construction, introductory paragraph writing skills and basic vocabulary. One of three core courses in ESL Level 2. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours. 9 lab hours. 31824 Frammolino, A. MTWR 01:05 PM-02:30 PM SS 166 02/21-04/13 Frammolino, A. F 08:10 AM-09:35 AM ED 258 02/21-04/13 <b>FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 030 CRN 31616 for second 8 weeks.</b>				
<b>ENGL 262 Introduction to U. S. American Literature II</b>					<b>ESL 024 Reading/Vocabulary/Idioms II</b>				
3 Units					3 Units				
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Students will explore the context and influence of American literature from the Civil War to the present. Students examine specific literary works and their contributions to our culture, the continuation of traditional themes and the emergence of new forms and themes. 54 lecture hours. CSU UC 30081 Telesca, L. MW 11:30 AM-12:55 PM LB 304 02/21-06/16					Prerequisite: Placement is based on multiple assessment measures. A reading, vocabulary, and idioms course for low-intermediate ESL students. The course is designed to help students expand their vocabulary and use of idioms through oral and written practice and improve their reading comprehension. One of three core courses in ESL Level 2. NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours. 31878 Danielsen, M. MTWR 09:55 AM-11:20 AM SS 166 02/21-04/13 <b>FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 034 CRN 31683 for second 8 weeks.</b>				
<b>ENGL 272 Introduction to World Literature: 1600's through Twentieth Century</b>					<b>ESL 026 Grammar Fundamentals II</b>				
3 Units					3 Units				
Prerequisite: ENGL 099 or higher. Strongly recommended: ENGL 101. English 272 is the study of world literature in translation from the early modern period to the twentieth century. This course emphasizes the development of literary expression and explores literature within the context of the culture and time in which works were written. This course examines the relationship between historical events and literary works and the impact of works on their age and ensuing eras. 54 lecture hours. CSU UC 30082 Eisel, R. TR 11:30 AM-12:55 PM LB 308 02/21-06/16					Prerequisite: Placement is based on multiple assessment measures. A course for low-intermediate ESL students seeking to improve their grammatical accuracy in writing and speaking. Intensive review and practice of verb tenses, noun forms, adjectives, adverbs and modals, in a communicative context. One of three core courses in ESL Level 2. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours. 31879 Castruita, G. MTWR 11:30 AM-12:55 PM SS 166 02/21-04/13 <b>FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 036 CRN 31684 for second 8 weeks.</b>				
<b>ENGL 291 Film as Literature</b>					<b>ESL 030 English Language Skills III</b>				
3 Units					3 Units				
Strongly recommended: ENGL 099 if required by English placement or if required by English level. An introduction to film as literature, this course is designed to give students an understanding of the application of literary analysis to film. 54 lecture hours. CSU UC 33187 Curran, K. M 07:00 PM-10:10 PM LB 106 02/21-06/16					Prerequisite: ESL 020 or placement in ESL Level 3 on the Accuplacer assessment test. A writing course for low-intermediate English language students. Emphasis on production and comprehension of longer phrases, compound and complex sentence construction, low-intermediate paragraph writing skills and vocabulary. One of three core courses in ESL Level 3. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours, 9 lab hours. 30211 Lay, N. MTWR 01:05 PM-02:30 PM ED 165 02/21-04/13 Lay, N. F 09:45 AM-11:20 AM ED 258 02/21-04/13 <b>FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 040 CRN 30216 for second 8 weeks.</b>				
<b>ENGL 293 Children's Literature</b>					<b>ENGL 294 Introduction to Shakespeare</b>				
3 Units					3 Units				
Prerequisite: ENGL 099 (or higher) or English placement exam eligibility for ENGL 101. This course is designed to give the student a knowledge and an appreciation of children's books, both fiction and non-fiction. Special emphasis is given to the quality of writing and illustration of award-winning books and selected classics. 54 lecture hours. CSU UC 31183 Villeneuve, A. MW 09:55 AM-11:20 AM LB 307 02/21-06/16 31327 Kang, E. M 03:40 PM-06:50 PM LB 105 02/21-06/16					Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. An introduction to the works of William Shakespeare including representative tragedies, comedies and history plays. The course is designed to give students an understanding of the timelessness of Shakespeare's work. 54 lecture hours. CSU UC 30084 Salwak, D. TR 08:20 AM-09:45 AM LB 105 02/21-06/16				

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**ESL 034 Reading/Vocabulary/Idioms III 3 Units**

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 024.  
 A reading, vocabulary, and idioms course for intermediate ESL students. The course is designed to help students further expand vocabulary, idiom usage and reading skills. Emphasis is on building vocabulary and idiom usage through oral and written practice and improving reading comprehension. One of three core courses in ESL Level 3. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 30212 Guebert, T. MTWR 09:55 AM-11:20 AM ED 235 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 044 CRN 30226 for second 8 weeks.**  
 31683 Staff MTWR 09:55 AM-11:20 AM ED 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 024 CRN 31878 for first 8 weeks.**

**ESL 036 Grammar Fundamentals III 3 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. NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 30213 Rodriguez, N. MTWR 11:30 AM-12:55 PM ED 103 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 046 CRN 30227 for second 8 weeks.**  
 31684 Rodriguez, N. MTWR 11:30 AM-12:55 PM SS 166 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 026 CRN 31879 for first 8 weeks.**

**ESL 040 English Language Skills IV 3 Units**

Prerequisite: ESL 030 or placement in ESL Level 4 on the Accuplacer assessment test.  
 This course prepares high-intermediate ESL students for ESL 100. It includes grammar, vocabulary, usage, and the writing skills of sentence and paragraph development. It also previews essay development and writing. One of three core courses in ESL Level 4. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 30218 Guebert, T. MTWR 01:05 PM-02:30 PM ED 235 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 100 CRN 30241 for second 8 weeks.**  
 31628 Cruz Santoyo, M. MTWR 01:05 PM-02:30 PM ED 103 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 100 CRN 30982 for second 8 weeks.**  
 30216 Lay, N. MTWR 01:05 PM-02:30 PM ED 165 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 030 CRN 30211 for first 8 weeks.**

**ESL 044 Reading/Vocabulary/Idioms IV 3 Units**

Prerequisite: ESL 034 or placement in ESL Level 4 based on multiple assessment measures.  
 A reading, vocabulary, and idioms course for high intermediate ESL students, designed to facilitate appropriate strategies for improving reading comprehension and developing vocabulary and idiom usage. Emphasis is on college-level vocabulary and reading skills. One of three core courses in ESL Level 4. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 32194 Castruita, G. MTWR 09:55 AM-11:20 AM ED 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks.**  
 30220 Frammolino, A. MTWR 09:55 AM-11:20 AM SS 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks.**  
 30226 Guebert, T. MTWR 09:55 AM-11:20 AM ED 235 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 034 CRN 30212 for first 8 weeks.**

**ESL 046 Grammar Review I 3 Units**

Prerequisite: ESL 036 or placement is based on multiple assessment measures.  
 Strongly recommended: For students enrolled in ESL Level 4 core courses. A course for high-intermediate ESL students seeking to improve their grammatical accuracy. Intensive review and practice of syntactic structures such as verb tense, tag questions, gerunds and infinitives, and phrasal verbs. One of three core courses in ESL Level 4. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 30221 Guebert, T. MTWR 11:30 AM-12:55 PM ED 235 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 056 CRN 30225 for second 8 weeks.**  
 32253 Danielsen, M. MTWR 11:30 AM-12:55 PM ED 102 02/21-04/13  
**FAST TRACK CLASS. First 8 weeks. Required enrollment in ESL 056 CRN 32254 for second 8 weeks.**  
 30227 Danielsen, M. MTWR 11:30 AM-12:55 PM ED 167 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 036 CRN 30213 for first 8 weeks.**

**ESL 053 Bridge to College Literature 3 Units**

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 044.  
 Strongly recommended: ESL 100.  
 This fiction reading and vocabulary course is designed to help ESL students develop the skills necessary for analyzing and writing about literature in English at the college level. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 30222 Kim, T. MTWR 09:55 AM-11:20 AM ED 04/23-06/16  
**LEARNING COMMUNITY FAST TRACK CLASS - Second 8 weeks. Requires enrollment in first 8-week ESL 054 CRN 33293 and ESL 100 CRN 32231 passing with a C or better to move onto the second 8-week ESL 053 CRN 30222 and Engl 101 CRN 32796**  
 33291 Lam, W. MTWR 09:55 AM-11:20 AM SS 166 04/23-06/16  
**LEARNING COMMUNITY FAST TRACK COURSE. Requires enrollment in first 8 week ESL 054 CRN 32846, first 8 week ESL 100 CRN 33199, and second 8 week English 101 CRN 33196. Must pass both first 8 week classes with a C or better to progress.**

**ESL 054 Bridge to College Reading 3 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.  
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 33293 Kim, T. MTWR 09:55 AM-11:20 AM 02/21-04/13  
**LEARNING COMMUNITY FAST TRACK COURSE. Requires enrollment in first 8 week ESL 100 32231, second 8 week ESL 053 30222, and second 8 week English 101 32796. Must pass both first 8 week classes with a C or better to progress.**  
 32846 Lam, W. MTWR 09:55 AM-11:20 AM SS 02/21-04/13  
**LEARNING COMMUNITY FAST TRACK COURSE. Requires enrollment in first 8 week ESL 100 33199, second 8 week ESL 053 33291, and second 8 week English 101 33176. Must pass both first 8 week classes with a C or better to progress.**

**ESL 056 Grammar Review II 3 Units**

Prerequisite: ESL 046.  
 Strongly recommended: For students enrolled in ESL level 5 core courses. A course for advanced ESL students seeking to improve their grammatical accuracy in writing and speaking. Further review and practice of complex syntactic structures such as verb forms, tag questions, conditional statements, reported speech, modals and phrasal verbs, and subordinate clauses.  
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours.  
 30225 Guebert, T. MTWR 11:30 AM-12:55 PM ED 235 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in first 8 weeks ESL 046 30221.**  
 32254 Lam, W. MTWR 11:30 AM-12:55 PM ED 102 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 046 CRN 32253 for first 8 weeks.**

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**ESL 100 Fundamentals of Composition 3 Units**

Prerequisite: ESL 040 or placement in ESL level 5 on the Accuplacer assessment test.  
 This course prepares high-intermediate and advanced ESL students for college-level writing. It provides a review of English fundamentals and practice in critical thinking, paragraph development and essay writing with an emphasis on exposition. Continued practice in special writing problems common to second language learners. 54 lecture hours. UC  
 33453 Gunderson, M. MW 03:50 PM-05:15 PM ED 165 02/21-06/16  
 32231 Murakami, K. MTWR 01:05 PM-02:30 PM ED 201 02/21-04/13  
**FAST TRACK LEARNING COMMUNITIES CLASS. First 8 weeks; requires enrollment in first 8 weeks ESL 054 33293. Must pass with a C or better to go onto English 101 32796 and ESL 053 30222 in the second 8 weeks.**  
 33199 Penarubia, R. MTWR 01:05 PM-02:30 PM ED 102 02/21-04/13  
**FAST TRACK LEARNING COMMUNITIES CLASS. First 8 weeks; requires enrollment in ESL 054 32846. Must pass with a C or better to go onto English 101 33176 and ESL 053 33291 in the second 8 weeks.**  
 30982 Cruz Santoyo, M. MTWR 01:05 PM-02:30 PM ED 103 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 040 CRN 31628 for first 8 weeks.**  
 30241 Guebert, T. MTWR 01:05 PM-02:30 PM ED 235 04/23-06/16  
**FAST TRACK CLASS. Second 8 weeks. Required enrollment in ESL 040 CRN 30218 for first 8 weeks.**

**Ethnic Studies**

**ETHN 101 Introduction to Ethnic Studies 3 Units**

This course is a historical and cultural survey of the major ethnic groups and ethnic group relations in the U.S. from the pre-Columbian period to the present. 54 lecture hours. CSU UC  
 32151 Quinones, N. MW 11:30 AM-12:55 PM LB 301 02/21-06/16

**ETHN 116 Introduction to Chicano/Latino Studies 3 Units**

This course is an introductory survey of Chicano/Latino people in the United States; examining race, ethnicity, gender and sexuality, social class, history, politics, institutional discrimination, culture, migration and globalization, literature, and the arts. 54 lecture hours. CSU UC  
 32152 Quinones, N. TR 11:30 AM-12:55 PM LB 306 02/21-06/16

**Forestry**

**FOR 101 Introduction to Forestry 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 Covers the relationship of forests to our national and local life. The various forest sciences and the uses of the forest including timber, water, recreation, grazing, and wildlife. The forest organizations: federal, state, county and private. 54 lecture hours. CSU UC  
 30350 Goodman, R. R 08:10 AM-11:20 AM PC 314 02/21-06/16

**FOR 103 Plant Identification 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A course examining the identification of established native and non-native wildland plants of California. Other topics include photosynthesis, taxonomy, edibility, medicinal properties, plant communities and plant adaptations. 54 lecture hours. CSU UC  
 30352 Goodman, R. T 08:10 AM-11:20 AM PC 314 02/21-06/16

**FOR 104 Introduction to Outdoor Recreation 3 Units**

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  
 33279 Goodman, R. T 07:00 PM-10:10 PM PC 314 02/21-06/16

**FOR 698A Cooperative Education 1 Units**

Prerequisite: The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.  
 A course designed to assist students in planning and accomplishing meaningful learning objectives related to forestry at their place of volunteer employment or training sites. 60 lab hours arranged.  
 33252 Goodman, R. HRS-ARRG 02/21-06/16

**French**

**FREN 101 French I 5 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A course in elementary French grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple French and serves as an introduction to the geography, history, and culture of the French-speaking world. 90 lecture hours. CSU UC  
 32333 Lefebvre, C. MW 03:50 PM-06:20 PM LB 308 02/21-06/16

**FREN 102 French II 5 Units**

Prerequisite: FREN 101 or two years of high school French.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A further study of the elementary French grammar and vocabulary which develops understanding, speaking, reading, and writing skills. Includes additional study of French culture. 90 lecture hours. CSU UC  
 32435 Lefebvre, C. MW 01:05 PM-03:35 PM 02/21-06/16

**Geography**

**GEOG 102 Cultural Geography 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A study of the patterns of human occupation and land use over the earth's surface and their co-relation with the natural environment. Particular emphasis will be given to agricultural and industrial economics, settlement patterns and population studies. 54 lecture hours. CSU UC  
 32390 Woolford, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe.**  
 33232 Woolford, R. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see www.citruscollege.edu/oe. Second 8 weeks.**

**GEOG 118 Physical Geography 3 Units**

Strongly recommended: ENGL 099 if required by English placement or if required by English level.  
 A survey of the basic elements of physical geography including maps, seasons, weather, climate, soils, natural vegetation, internal and external geologic processes, land forms, and their relationships and distribution across the face of the earth. 54 lecture hours. CSU UC  
 32061 Fair, C. M 03:40 PM-06:50 PM LB 102 02/21-06/16

**German**

**GER 101 German I 5 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A course in elementary German grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple German and serves as an introduction to the geography, history, and culture of the German speaking world. 90 lecture hours. CSU UC  
 32505 Wilson, K. MW 08:50 AM-11:20 AM ED 103 02/21-06/16

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>GER 102</b>	<b>German II</b>								
Prerequisite: GER 101 or two years high school German. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. A further study of elementary German grammar which develops understanding, speaking, reading and writing skills. Includes German culture. 90 lecture hours. CSU UC					Laicans, A. TR 08:10 PM-09:35 PM TC 230 02/21-06/16 Lab meets alternately on campus and with an ambulance company/clinical partner hospital. Meets every Tues/Thurs from 8:10pm to 9:35pm. Completes five, 12-hour shifts at assigned clinical facility. 32928 Hadsell, C. W 08:00 AM-02:25 PM TC 230 02/21-06/16 Hadsell, C. W 02:30 PM-05:35 PM TC 230 02/21-06/16 Lab meets alternately on campus and with an ambulance company/clinical partner hospital. Students complete five, 12-hour shifts at assigned clinical facility. 32585 Hadsell, C. W 08:00 AM-02:25 PM TC 230 02/21-06/16 Hadsell, C. W 02:30 PM-05:35 PM TC 230 02/21-06/16 Lab meets alternately on campus and with an ambulance company/clinical partner hospital. Students complete five, 12-hour shifts at assigned clinical facility.				
30093	Wilson, K.	TR	08:50 AM-11:20 AM	IS 110	02/21-06/16				

<b>GER 201</b>	<b>German III</b>								
Prerequisite: GER 102 or three years of high school German. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This intermediate level course is a study of the German language and culture. Emphasis is on developing oral, listening, reading and writing skills in order to acquire proficiency in German. Reading strategies and fundamentals of formal composition are introduced with short, level-appropriate literary selections. The class is largely conducted in German. 90 lecture hours. CSU UC					<b>5 Units</b>				
30102	Wilson, K.	TR	08:50 AM-11:20 AM	IS 110	02/21-06/16				

<b>GER 202</b>	<b>German IV</b>								
Prerequisite: GER 201 or four years of high school German. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. A course emphasizing the development of effective skills for reading, understanding, and interpreting more advanced readings in German literature and culture. Extensive practice in oral and written expression at the intermediate-high level is provided. Grammatical concepts are thoroughly reviewed and expanded. 90 lecture hours. CSU UC					<b>5 Units</b>				
33441	Wilson, K.	TR	08:50 AM-11:20 AM	IS 110	02/21-06/16				

### Health Occupations

<b>HEAL 100</b>	<b>Emergency Medical Services Career Preparation</b>								
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. Health Sciences 100 is designed to provide the student with the knowledge and skills necessary to begin an entry-level career in Emergency Medical Services (EMS) and other allied health-related fields of patient care. This course provides beginning concepts of preparatory sciences directly related to the care of sick and injured persons. It also covers the basic knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program. Material fee. 36 lecture hours, 54 lab hours.					<b>3 Units</b>				
30894	Patrick, B.	M	04:00 PM-06:05 PM	TC 230	02/21-06/16				
	Patrick, B.	M	06:15 PM-09:25 PM	TC 230	02/21-06/16				
30797	Hadsell, C.		HRS-ARRG	ONLINE	02/21-06/16				
	Hadsell, C.		HRS-ARRG	ONLINE	02/21-06/16				

**ONLINE EDUCATION CLASS.** For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).  
**ON-CAMPUS REQUIREMENTS:** Thursdays, 3/15/18, 3/22/18 & 5/10/18 from 6:00pm-10:00pm in TC 230.

<b>HEAL 161</b>	<b>Emergency Medical Technician - Basic</b>								
Prerequisite: HEAL 100 or concurrent enrollment. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. The entry-level course in emergency training for those involved in Emergency Medical Services. 108 lecture hours, 54 lab hours.					<b>7 Units</b>				
32584	Laicans, A.	TR	05:00 PM-08:05 PM	TC 230	02/21-06/16				
	Laicans, A.	TR	08:10 PM-09:35 PM	TC 230	02/21-06/16				
Lab meets alternately on campus and with an ambulance company/clinical partner hospital. Meets every Tues/Thurs from 8:10pm to 9:35pm. Completes five, 12-hour shifts at assigned clinical facility.					32925 Laicans, A. TR 05:00 PM-08:05 PM TC 230 02/21-06/16				

### History

<b>HIST 103</b>	<b>History of World Civilization up to 1500 C.E.</b>								
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. The course is a survey of emerging regional cultures and societies from the earliest civilizations to 1500. Consideration will be given to comparative and integrative analysis of their contributions to the fabric of world civilization. Particular focus will be given to cultural evolutionary parallels and the diffusion of ideas through migration and trade on a global scale. College level reading is strongly advised. 54 lecture hours. CSU UC					<b>3 Units</b>				
30810	Zeman, W.	MW	08:20 AM-09:45 AM	LB 107	02/21-06/16				
30813	Zeman, W.	MW	01:05 PM-02:30 PM	LB 204	02/21-06/16				
30811	Lubisich, S.	TR	08:20 AM-09:45 AM	LB 204	02/21-06/16				
31025	Ray, M.	TR	03:50 PM-05:15 PM	LB 104	02/21-06/16				
33105	Lubisich, S.		HRS-ARRG	ONLINE	02/21-06/16				
<b>ONLINE EDUCATION CLASS.</b> For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a> . <b>ON-CAMPUS REQUIREMENTS:</b> Students are required to take exams on campus in the Testing Center. Mandatory orientation to be announced. Students who fail to attend the orientation will be dropped from the course.					33106 Lubisich, S. HRS-ARRG ONLINE 04/23-06/16 <b>ONLINE EDUCATION SHORT TERM CLASS.</b> For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a> . <b>ON-CAMPUS REQUIREMENTS:</b> Students are required to take exams on campus in the Testing Center. Mandatory orientation to be announced. Students who fail to attend the orientation will be dropped from the course. Second 8 weeks.				

<b>HIST 104</b>	<b>History of World Civilization since 1500</b>								
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. The course offers a survey of world civilizations from 1500's regional isolation to modern-day globalism and its issues and problems. Consideration will be given to the political, economic, social, and intellectual forces present in the rise of the modern world. Particular focus will be given to the interrelatedness of historical events and on the comparisons of cultures and societies in a historical perspective. College-level reading is strongly advised. 54 lecture hours. CSU UC					<b>3 Units</b>				
30817	Antonucci, A.	MW	01:05 PM-02:30 PM	LB 101	02/21-06/16				
30816	Lubisich, S.	TR	01:05 PM-02:30 PM	LB 204	02/21-06/16				
33107	Lubisich, S.		HRS-ARRG	ONLINE	02/21-06/16				
<b>ONLINE EDUCATION CLASS.</b> For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a> . <b>ON-CAMPUS REQUIREMENTS:</b> Students are required to take exams on campus in the Testing Center. Mandatory orientation to be announced. Students who fail to attend the orientation will be dropped from the course.					33345 Valdivia, I. TR 02:10 PM-04:20 PM 02/19-05/10 <b>STUDY ABROAD CLASS.</b> Official acceptance to the Study Abroad program is required in order to register for this class.				

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**HIST 107 History of the United States before 1877 3 Units**

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

A survey of the political, economic and social development of the United States to 1876. This course meets the state requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

33418	Qasqas, A.	MW	08:20 AM-09:45 AM	LB 306	02/21-06/16
30931	Waddington, B.	MW	01:05 PM-02:30 PM	PC 314	02/21-06/16
31247	Woolsey, R.	MW	03:50 PM-05:15 PM	LB 101	02/21-06/16
30822	Waddington, B.	TR	01:05 PM-02:30 PM	LB 104	02/21-06/16
31858	Ritacca, E.	TR	05:25 PM-06:50 PM	LB 103	02/21-06/16
31244	Ritacca, E.	M	03:40 PM-06:50 PM	LB 303	02/21-06/16
30823	Lewis, D.	TR	03:50 PM-05:15 PM	TE 153	02/21-06/16
<b>Low Cost/No Cost Textbook.</b>					
32391	Lewis, D.	R	07:00 PM-10:10 PM	LB 101	02/21-06/16
<b>Low Cost/No Cost Textbook.</b>					
30824	Waddington, B.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
30825	Solheim, B.	HRS-ARRG		ONLINE	04/23-06/16
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks.</b>					

**HIST 108 History of the United States since 1877 3 Units**

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

A survey of political, economic, diplomatic, and social development of the U. S. from 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

32723	Ray, M.	MW	08:20 AM-09:45 AM	LB 104	02/21-06/16
30829	Solheim, B.	MW	09:55 AM-11:20 AM	LB 104	02/21-06/16
30828	Waddington, B.	TR	09:55 AM-11:20 AM	LB 303	02/21-06/16
30830	Solheim, B.	TR	09:55 AM-11:20 AM	LB 104	02/21-06/16
<b>Strongly recommended for Veterans.</b>					
30831	Solheim, B.	TR	11:30 AM-12:55 PM	LB 104	02/21-06/16
31242	Ritacca, E.	TR	03:50 PM-05:15 PM	LB 103	02/21-06/16
30832	Ray, M.	TR	05:25 PM-06:50 PM	LB 104	02/21-06/16
32883	Korn, D.	T	07:00 PM-10:10 PM	LB 204	02/21-06/16
31248	Ritacca, E.	W	03:40 PM-06:50 PM	LB 102	02/21-06/16
30834	Solheim, B.	W	07:00 PM-10:10 PM	LB 104	02/21-06/16
33455	Lewis, D.	TR	11:30 AM-02:40 PM	PS 107	04/23-06/16
<b>Second 8 weeks. Low/No Cost Textbook.</b>					
30837	Waddington, B.	HRS-ARRG		ONLINE	02/21-04/13
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. First 8 weeks.</b>					
30836	Solheim, B.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					

**HIST 108H History of the United States since 1877 - Honors 3 Units**

Prerequisite: ENGL 099 or higher or placement is based on multiple measures; also, student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

Strongly recommended: ENGL 101 or ENGL 101H.

A survey of political, economic, diplomatic, and social development of the U. S. from 1876 to the present along with a survey of American historiography and the varying interpretations of these developments. This course meets the state requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

33267	Waddington, B.	MW	03:50 PM-05:15 PM	ED 129	02/21-06/16
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**HIST 109 The World in Conflict - The 20th Century, a History 3 Units**

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

A critical approach to the history of the 20th Century through major events and issues. 54 lecture hours. CSU UC

33344 Valdivia, I. MW 04:35 PM-06:45 PM 02/19-05/10  
**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**HIST 112 History of the African-Americans since 1876 3 Units**

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

An exploration of the cultural development and role of the African-American in the history of the United States from the end of the Reconstruction period (1876) to the present. 54 lecture hours. CSU UC

32724	Ritacca, E.	TR	01:05 PM-02:30 PM	LB 103	02/21-06/16
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**HIST 130 Latin American Culture and Civilization 3 Units**

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

Latin American Culture and Civilization is a survey course, providing an interdisciplinary approach to understanding the culture and history of Latin America. The course critically analyzes historical and contemporary social traditions and institutions in order to reach an understanding of modern day Latin America. 54 lecture hours. CSU UC

31859	Ray, M.	TR	09:55 AM-11:20 AM	LB 204	02/21-06/16
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**HIST 131 History of Latin America to 1825 3 Units**

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

The course is a survey of Latin American history from pre-Columbian times to the independence of Latin American lands. Special emphasis is given to the institutions of the past which have shaped the conditions of the emerging states. Relations between Latin American nations and the United States will also be explored. 54 lecture hours. CSU UC

32571	Ray, M.	MW	09:55 AM-11:20 AM	LB 204	02/21-06/16
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**HIST 139 History of California 3 Units**

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

A survey of the political, social and economic development of the State of California from early Pre-Columbian American Indian communities and Spanish settlements to the present. 54 lecture hours. CSU UC

33346	Valdivia, I.	TR	10:50 AM-01:00 PM		02/19-05/10
<b>STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.</b>					

**HIST 140 History of the American West 3 Units**

Strongly recommended: ENGL 101 or ENGL 101H.

A survey class of the region west of the Mississippi River designed to acquaint the students with the historical significance, events and personalities which made up this period. Primary emphasis will be on the 19th century. 54 lecture hours. CSU UC

33347	Valdivia, I.	MW	02:10 PM-04:20 PM		02/19-05/10
<b>STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.</b>					

**HIST 155 History of the Vietnam War 3 Units**

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

An examination of the background and involvement of America in the Vietnam War. The course will primarily focus on the American involvement in Southeast Asia, but will also examine the origins of Vietnamese nationalism and the struggle for independence in Vietnam and its global implications and manifestations. A Cold War framework developed early in the course will be utilized to understand U.S. involvement in the Vietnam War. The course will conclude with an assessment of the long-term effects of the Vietnam War on American society and the rest of the world. 54 lecture hours. CSU UC

30827	Solheim, B.	MW	11:30 AM-12:55 PM	LB 104	02/21-06/16
31756	Solheim, B.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					



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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>HIST 222</b>	<b>History of World War II</b>								
<p><b>3 Units</b></p> <p>Prerequisite: ENGL 099 or higher.</p> <p>Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.</p> <p>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</p>					<p>32725 Love, J. TR 05:25 PM-06:50 PM LB 303 02/21-06/16</p>				
31757	Nelson, S.	W	07:00 PM-10:10 PM	LB 103	02/21-06/16				

**Humanities**

**HUM 101 Humanities - Prehistory through the Medieval Period 3 Units**

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

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

30772 Overly, D. MW 09:55 AM-11:20 AM LB 303 02/21-06/16

32728 Liskey, R. T 07:00 PM-10:10 PM LB 104 02/21-06/16

33104 Lubisich, S. HRS-ARRG ONLINE 02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ON-CAMPUS REQUIREMENTS: Students are required to take exams on campus in the Testing Center.**

**Mandatory orientation to be announced. Students who fail to attend the orientation will be dropped from the course.**

**HUM 101H Humanities - Prehistory through the Medieval Period - Honors 3 Units**

Prerequisite: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

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

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

32050 Love, J. MW 11:30 AM-12:55 PM ED 129 02/21-06/16

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

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

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

31861 Love, J. MW 03:50 PM-05:15 PM LB 306 02/21-06/16

31222 Lubisich, S. TR 11:30 AM-12:55 PM LB 204 02/21-06/16

**HUM 110 Humanities in the Modern Period 3 Units**

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

This course is concerned with critical analysis of the arts and philosophy from the late 19th century to the contemporary period. 54 lecture hours. CSU UC

32518 Deangelis, G. T 07:00 PM-10:10 PM LB 107 02/21-06/16

**HUM 115 Multi-Cultural Mythologies 3 Units**

**HUM 123 Introduction to Peace Studies - Saving Civilization 3 Units**

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

An introduction to peace and conflict studies, with an emphasis on war's destructive impact on art, literature, and philosophy. The course examines the meanings and reasons for war, as well as strategies for peace. 54 lecture hours. CSU UC

32726 Overly, D. TR 01:05 PM-02:30 PM PC 314 02/21-06/16

**HUM 127 Spanish Civilization 3 Units**

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

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

32858 Garate, E. TR 04:35 PM-06:45 PM 02/19-05/10

**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**Info Tech & Info Systems**

**ITIS 104 Information Technology 4 Units**

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

This course is designed in building computer hardware and software skills needed for entry-level IT positions. Topics covered include networking and computer security. 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. It will lay the foundation for the CompTIA A+ certification exams. 54 lecture hours, 54 lab hours. CSU

33041 Delvaux, V. MW 02:00 PM-03:25 PM PC 316 02/21-06/16

Delvaux, V. MW 03:35 PM-05:10 PM PC 316 02/21-06/16

33040 Praeger, K. TR 06:00 PM-07:25 PM PC 316 02/21-06/16

Praeger, K. TR 07:35 PM-09:10 PM PC 316 02/21-06/16

**ITIS 107 Network Technology 4 Units**

Strongly recommended: ITIS 104; ENGL 099 if required by English placement exam or if required by English level.

This course provides information covering the LAN and WAN. Network topologies and protocols are presented. 54 lecture hours, 54 lab hours.

33312 Stubbe, R. TR 08:00 AM-09:25 AM PC 316 02/21-06/16

Stubbe, R. TR 09:35 AM-11:10 AM PC 316 02/21-06/16

33043 Rivera, D. MW 06:00 PM-07:25 PM PC 316 02/21-06/16

Rivera, D. MW 07:35 PM-09:10 PM PC 316 02/21-06/16

**ITIS 108 Network Operating Systems 4 Units**

Strongly recommended: ITIS 107.

This course provides information covering the areas of network operating systems used on local and wide area networks (LANS and WANS), as well as popular server software. 54 lecture hours, 54 lab hours.

33164 Seymour, L. MW 08:00 AM-09:25 AM PC 316 02/21-06/16

Seymour, L. MW 09:35 AM-11:10 AM PC 316 02/21-06/16

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**ITIS 115 Computer Information Systems 3.5 Unit:**

Strongly recommended: ITIS 099; ENGL 099 if required by English placement exam or if required by English level.  
 This course is an overview of information technology and its role in business, industry, health care, and government. Topics include computer hardware, end-user software, network/Internet technologies, ethics, emerging technologies, and coding. 54 lecture hours, 27 lab hours. CSU  
 33112 Flores, R. HRS-ARRG ONLINE 02/21-06/16  
 Flores, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ITIS 119 Web Design Using HTML 3 Units**

Strongly recommended: ITIS 099 or ITIS 115; ENGL 099 if required by English placement exam or if required by English level.  
 This course provides students with the skills needed to create web pages using the latest version of HTML. Students will also be introduced to CSS modeling and JavaScript to create custom web pages for personal and professional environments. The laboratory component provides the student with expanded first-hand experience in specific areas of course content. 54 lecture hours, 18 lab hours. CSU  
 33314 Flores, R. HRS-ARRG ONLINE 02/21-06/16  
 Flores, R. HRS-ARRG ONLINE 02/21-06/16

**ITIS 130 Microcomputer Applications I 4 Units**

Strongly recommended: ITIS 099; also, ENGL 099 if required by English placement exam or if required by English level.  
 Students will use the personal computer to learn an office suite, such as Microsoft Office, that includes word processing, electronic spreadsheets, database management systems, multimedia/presentation graphics, personal information management and an introduction to the Windows OS. This course prepares the student to take the Microsoft Office User Specialist certification exam. 72 lecture hours. CSU  
 33117 Mustain, J. TR 07:45 AM-09:50 AM IS 108 02/21-06/16  
 33118 Mustain, J. MW 09:15 AM-11:20 AM IS 108 02/21-06/16  
 33119 Delvaux, V. TR 02:00 PM-04:05 PM PC 316 02/21-06/16  
 33120 Mustain, J. W 06:00 PM-10:15 PM IS 108 02/21-06/16  
 33114 Flores, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
 33343 Flores, R. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**Second 8 weeks.**

**ITIS 141 Programming Fundamentals 3 Units**

Prerequisite: ITIS 115.  
 Strongly recommended: ITIS 099.  
 This course is an introduction to programming concepts using the JavaScript language. Emphasis is placed on good design techniques, coding, and documentation. Topics covered focus on variables, data types, operators, functions, decision making with control structure and statements, objects, events, iteration, forms, and error handling. This course is not for Computer Science majors. 36 lecture hours, 54 lab hours. CSU  
 33318 Flores, R. TR 06:00 PM-06:50 PM IS 108 02/21-06/16  
 Flores, R. TR 07:00 PM-08:30 PM IS 108 02/21-06/16

**ITIS 150 Web Design with Dreamweaver 3 Units**

Strongly recommended: ITIS 099; ENGL 099 if required by English placement exam or if required by English level.  
 Fundamentals of web design using a proprietary web development tool. Introduces the basic features of Adobe Dreamweaver including the Dreamweaver interface, toolbars, and panels. Topics include: adding and editing text, formatting using Cascading Style Sheets, editing HTML, adding images, tables, forms, and responsive web design. 54 lecture hours, 18 lab hours.  
 33319 Flores, R. F 08:00 AM-11:10 AM PC 316 02/21-06/16  
 Flores, R. F 11:20 AM-12:20 PM PC 316 02/21-06/16

**ITIS 160 Introduction to Database Concepts 3 Units**

Strongly recommended: ITIS 099; also, ENGL 099 if required by English placement exam or if required by English level.  
 This beginning course on database design focuses on the skills needed to define, create, and maintain a fully programmed database system using Microsoft Access in a Windows environment. The course covers database concepts, design, tables, queries, reports, and menus. 54 lecture hours.  
 33320 Mustain, J. MW 02:30 PM-03:55 PM IS 108 02/21-06/16

**Japanese**

**JPN 101 Japanese I 5 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A course in elementary Japanese grammar, vocabulary, and pronunciation which aims at understanding, speaking, reading, and writing simple Japanese and serves as an introduction to Japanese geography and culture. 90 lecture hours. CSU UC  
 32076 Brown, Y. MW 08:50 AM-11:20 AM IS 110 02/21-06/16  
 30086 Brown, Y. MW 11:30 AM-02:00 PM IS 110 02/21-06/16

**JPN 102 Japanese II 5 Units**

Prerequisite(s): JPN 101 or two years of high school Japanese.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A further study of elementary Japanese grammar and vocabulary which develops understanding, speaking, reading, and writing skills. Includes additional study of Japanese culture. 90 lecture hours. CSU UC  
 31145 Okubo, E. TR 11:30 AM-02:00 PM NB 100 02/21-06/16

**Kinesiology**

**KIN 100 Introduction to Kinesiology 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course introduces the interdisciplinary approach to the study of human movement. In the course, students will explore an overview of the sub-disciplines of the field and their significance in daily life. 54 lecture hours. CSU UC  
 32949 Spalding, J. MW 08:20 AM-09:45 AM AQ 100 02/21-06/16  
 32462 Shaw, N. MW 09:55 AM-11:20 AM PE 138 02/21-06/16  
 33409 Brown, T. HRS-ARRG ONLINE 04/02-06/02  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**Late start eight weeks course.**

**KIN 101 Badminton 1 Units**

Development of skills necessary to participate in a game of badminton. Course will improve skills through supervised instruction. 18 lecture hours, 18 lab hours. CSU UC  
 31737 Dinneen, G. M 08:30 AM-09:40 AM PE 102 02/21-06/01  
 Dinneen, G. W 08:30 AM-09:40 AM PE 102 02/21-06/01  
**Low Cost/No Cost Textbook.**

**KIN 103 Golf 1 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course will offer a non-competitive environment in which the student can develop the basic fundamentals of golf. Instruction will emphasize woods, long and short irons, bunker play, putting, golf terminology, rules and etiquette. 18 lecture hours, 18 lab hours. CSU UC  
 31452 Wurst, C. M 10:00 AM-11:05 AM PE GI 02/21-06/01  
 Wurst, C. W 10:00 AM-11:05 AM PE GI 02/21-06/01  
**Low Cost/No Cost Textbook.**

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**KIN 104 Self-Defense and Personal Safety 1 Units**

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

The theory and techniques of self-defense and personal safety. Content focuses on methods of recognizing and avoiding dangers plus skills and strategies of employing physical defense when necessary. 18 lecture hours, 18 lab hours. CSU UC

33253	Boxley, J.	T	01:30 PM-02:35 PM	AQ 100	02/21-06/01
	Boxley, J.	R	01:30 PM-02:35 PM	AQ 100	02/21-06/01

**KIN 108 Tennis 1 Units**

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

Instruction will be concerned with individual growth of fundamentals and techniques of tennis that will allow the student to participate in a lifetime activity. 18 lecture hours, 18 lab hours. CSU UC

31427	Wheeler, A.	R	10:00 AM-11:10 AM	PE TN	02/21-06/01
	Wheeler, A.	T	10:00 AM-11:10 AM	PE TN	02/21-06/01

Low Cost/No Cost Textbook.

**KIN 116 Yoga 1 Units**

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

This course focuses on the development of the body/mind through the use of specific Yoga postures, breathing techniques, stretches, mental exercises, and relaxation exercises. The goals are to instruct students to achieve greater concentration, self-discipline, and improved physical/emotional health through instruction and practice of these skills. 18 lecture hours, 18 lab hours. CSU UC

31449	Shaw, N.	MW	07:00 AM-08:10 AM	AP 110	02/21-04/06
	Shaw, N.	TR	07:00 AM-08:10 AM	AP 110	02/21-04/06

Short term 7 week course. Low Cost/No Cost Textbook.

**KIN 117 Yoga II 1 Units**

Prerequisites: KIN 116 or permission of instructor.

Students continue to build upon fundamental skills by applying some of the ancient techniques of yoga to enhance wellness and well-being with greater focus and specificity. Students will progress from basic to more advanced yoga postures (asana), breathing techniques (pranayama), and meditation techniques (dhyana) while also gaining greater awareness of ancient systems of the history, language, and practice of Yoga. In this course students explore ancient systems of Yoga practice in light of modern interpretations.

The course presents an evolutionary approach to yoga asana (physical postures), pranayama (breathing), philosophy, and meditation. The emphasis is on application and theory through practice, discovery, reflection and discussion. 18 lecture hours, 18 lab hours. CSU UC

32987	Shaw, N.	MW	07:00 AM-08:10 AM	AP 110	04/23-06/08
	Shaw, N.	TR	07:00 AM-08:10 AM	AP 110	04/23-06/08

Short term 7 week course.

Late start course. Low Cost/No Cost Textbook.

**KIN 118 Meditation and Mindfulness 2 Units**

Examines the theoretical concepts and practical application strategies in the field of stress management. Physiological and psychological consequences of prolonged stress responses are explored to assist the learner in determining their stress exposure in order to better observe behavioral patterns and clearly apply the various systems of meditation, mindfulness, and relaxation techniques that will be explored during the course. 36 lecture hours. CSU UC

32988	Shaw, N.	TR	09:55 AM-11:00 AM	FH 224	02/21-06/08
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**KIN 130 Basketball 1 Units**

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

Techniques in basketball such as ball handling, passing, receiving, screening, cutting, shooting, team play and strategy of the game. Rules are included. 18 lecture hours, 18 lab hours. CSU UC

31460	Dinneen, G.	F	08:35 AM-09:40 AM	PE 102	02/21-06/01
	Dinneen, G.	F	09:50 AM-10:55 AM	PE 102	02/21-06/01

Low Cost/No Cost Textbook.

**KIN 133 Soccer 1 Units**

Course is designed to teach fundamentals of soccer and to develop physical stamina and neuromuscular coordination. Active participation will take place in interclass competition. Improve skills by repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC

32992	Dinneen, G.	M	10:15 AM-11:25 AM	PE FP	02/21-06/01
	Dinneen, G.	W	10:15 AM-11:25 AM	PE FP	02/21-06/01

Low Cost/No Cost Textbook.

**KIN 134 Softball 1 Units**

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

Instruction in the basic skills and techniques of play in softball. Students will be required to understand the statistical aspect of the game. Course will improve proficiency in skills by repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC

31412	Wurst, C.	W	05:00 PM-06:05 PM	PE SF	02/21-06/01
	Wurst, C.	W	06:15 PM-07:20 PM	PE SF	02/21-06/01

Low Cost/No Cost Textbook.

**KIN 143 Swimming - Intermediate/Advanced 1 Units**

Strongly recommended: KIN 142.

This course is designed to develop knowledge and skill in competitive swimming strokes. Swimming strokes to be taught are the freestyle, back stroke, breast stroke, and dolphin butterfly. The class will emphasize the development of cardiovascular aerobic conditioning. 18 lecture hours, 18 lab hours. CSU UC

32990	Spalding, J.	M	11:40 AM-01:05 PM	AQ POOL	02/21-05/11
	Spalding, J.	W	11:40 AM-01:05 PM	AQ POOL	02/21-05/11

Low Cost/No Cost Textbook.

**KIN 145 Strength Training, Balance and Agility 1 Units**

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

Designed to introduce students to proprioceptive training. Proprioceptive training can improve balance, core strength, quickness, and agility and reduce the risk of injury. This type of training can benefit all movements performed in our daily life, not just those dealing with sports or athletic movements. 18 lecture hours, 18 lab hours. CSU UC

32671	Gomez, S.	T	09:50 AM-11:00 AM	PE 101	02/21-06/01
	Gomez, S.	R	09:50 AM-11:00 AM	PE 101	02/21-06/01

Low Cost/No Cost Textbook.

**KIN 146 Water Exercise 1 Units**

Low impact water exercise class provides a better understanding of body movement while in the water. Designed to develop strength, flexibility, cardiovascular endurance, and coordination. 18 lecture hours, 18 lab hours. CSU UC

32384	Swatek, C.	MW	03:30 PM-04:40 PM	AQ POOL	04/23-06/08
	Swatek, C.	TR	03:30 PM-04:40 PM	AQ POOL	04/23-06/08

Late start class. Low Cost/No Cost Textbook.

**KIN 147 Swimming for Cardiovascular Improvement 1 Units**

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

This course will emphasize swimming for health and physical fitness. The class is designed to decrease the risk of coronary heart disorders by increasing heart efficiency, vital lung capacity, and the knowledge of each through the use of aerobic and anaerobic conditioning. Participating adults and others seeking a fitness program may expect to improve their overall fitness level through aquatic training. 18 lecture hours, 18 lab hours. CSU UC

31741	Spalding, J.	M	11:40 AM-01:05 PM	AQ POOL	02/21-05/11
	Spalding, J.	W	11:40 AM-01:05 PM	AQ POOL	02/21-05/11

Low Cost/No Cost Textbook.

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room		
<b>KIN 150 Adapted Physical Education 1 Units</b>					<b>KIN 170 Fitness for Life 3 Units</b>						
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. 54 lab hours. CSU					Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course explains the mechanics of a proper exercise and diet program through lecture and exercise activities. Various forms of exercise will be presented for trial by each student to develop a personal fitness prescription. 54 lecture hours. CSU UC						
32112	Hartman, S.	MW	10:30 AM-12:20 PM	AP 109	02/21-06/04	32108	Wurst, C.	MW	08:20 AM-09:45 AM	FH 224	02/21-06/16
<b>Recommended for disabled students. Low Cost/No Cost Textbook.</b>					31453 Wurst, C. TR 08:20 AM-09:45 AM PE 138 02/21-06/16						
32113	Hartman, S.	MW	12:30 PM-02:20 PM	AP 109	02/21-06/04	31419	Brawner, M.	MW	09:55 AM-11:20 AM	AQ 100	02/21-06/16
<b>Recommended for disabled students. Low Cost/No Cost Textbook.</b>					31418 Brawner, M. TR 09:55 AM-11:20 AM AQ 100 02/21-06/16						
32117	Hartman, S.	TR	10:30 AM-12:20 PM	AP 109	02/21-06/01	31454	Wurst, C.	MW	11:30 AM-12:55 PM	FH 224	02/21-06/16
<b>Recommended for disabled students. Low Cost/No Cost Textbook.</b>					31455 Wheeler, A. TR 11:30 AM-12:55 PM PE 138 02/21-06/16						
<b>KIN 151 Body Conditioning 1 Units</b>					32133 Wurst, C. TR 01:05 PM-02:25 PM PE 138 02/21-06/16						
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course will include general conditioning exercises, aerobic exercises, and exercises to develop flexibility and strength. 18 lecture hours, 18 lab hours. CSU UC					33258 Brawner, M. W 06:00 PM-09:10 PM AQ 100 02/21-06/16						
31430	Rodriguez, T.	M	09:15 AM-10:25 AM	AP 110	02/21-06/01	32143	Brawner, M.	HRS-ARRG		ONLINE	02/21-04/13
	Rodriguez, T.	W	09:15 AM-10:25 AM	AP 110	02/21-06/01	<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see www.citruscollege.edu/oe. First 8 weeks.</b>					
<b>Low Cost/No Cost Textbook.</b>					33407 Brown, T. HRS-ARRG ONLINE 02/21-04/13						
<b>KIN 152 Weight Training 1 Units</b>					33408 Brown, T. HRS-ARRG ONLINE 03/05-05/05						
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course is designed to develop both the large and small group skeletal muscles through a program of weight lifting, circuit training, power lifting, Olympic lifting, and conditioning. 18 lecture hours, 18 lab hours. CSU UC					<b>ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe. Late start, eight week course.</b>						
31829	Gomez, S.	M	08:30 AM-09:40 AM	PE 101	02/21-06/01	31420	Brawner, M.	HRS-ARRG		ONLINE	04/23-06/16
	Gomez, S.	W	08:30 AM-09:40 AM	PE 101	02/21-06/01	<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see www.citruscollege.edu/oe. Second 8 weeks.</b>					
31422	Gomez, S.	T	08:30 AM-09:40 AM	PE 101	02/21-06/01	<b>KIN 171 Health Science 3 Units</b>					
	Gomez, S.	R	08:30 AM-09:40 AM	PE 101	02/21-06/01	Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course is designed to explore the major areas of health that will have an effect on the well-being of the individual now and in the future. 54 lecture hours. CSU UC					
<b>KIN 153 Walking/Jogging 1 Units</b>					33149 Wheeler, A. MW 08:20 AM-09:45 AM PE 138 02/21-06/16						
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. A walking/jogging program that consists of activity alternately at a slow to moderate pace. This program is designed to build cardiorespiratory stamina and endurance, attack excessive weight, relieve psychological tension, and enhance one's sense of well-being. 18 lecture hours, 18 lab hours. CSU UC					31446 Rodriguez, T. TR 08:20 AM-09:45 AM FH 224 02/21-06/16						
32686	Hartman, S.	M	09:00 AM-10:10 AM	PE ST	02/21-06/01	33309	Wurst, C.	TR	09:55 AM-11:20 AM	PE 138	02/21-06/16
	Hartman, S.	W	09:00 AM-10:10 AM	PE ST	02/21-06/01	31434	Rodriguez, T.	TR	11:30 AM-12:55 PM	PE 140	02/21-06/16
<b>Low Cost/No Cost Textbook.</b>					32685 Hartman, S. HRS-ARRG ONLINE 02/21-06/16						
<b>KIN 155 Cardiovascular Training 1 Units</b>					31447 Hartman, S. HRS-ARRG ONLINE 03/05-05/05						
This course will offer a non-competitive, environment in which the student can develop a total fitness program. This program will promote areas of muscular strength, flexibility, and cardiovascular endurance. A philosophy of "Fitness for Life" will be the ultimate objective. Every student will be encouraged to regulate his/her program so that it will be enjoyable on a long term basis. 18 lecture hours, 18 lab hours. CSU UC					<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see www.citruscollege.edu/oe. Late start eight week class.</b>						
31827	Brawner, M.	M	08:00 AM-09:10 AM	AP 109	02/21-06/01	33401	Wheeler, A.	HRS-ARRG		ONLINE	04/23-06/16
	Brawner, M.	W	08:00 AM-09:10 AM	AP 109	02/21-06/01	<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see www.citruscollege.edu/oe. Second 8 weeks.</b>					
31828	Brawner, M.	T	08:00 AM-09:05 AM	AP 109	02/21-06/01	<b>KIN 171H Health Science - Honors 3 Units</b>					
	Brawner, M.	R	08:00 AM-09:05 AM	AP 109	02/21-06/01	Prerequisite: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor. Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course is designed to explore the major areas of health that will have an effect on the well-being of the individual now and in the future. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of readings, presentation, and leadership skills demonstrated through class participation/presentation during the investigation of health/fitness topics. 54 lecture hours. CSU UC					
31834	Dinneen, G.	T	09:15 AM-10:25 AM	AP 109	02/21-06/01	31450	Shaw, N.	TR	08:20 AM-09:45 AM	ED 129	02/21-06/16
	Dinneen, G.	R	09:15 AM-10:25 AM	AP 109	02/21-06/01	<b>KIN 172 Introduction to Physical Education 3 Units</b>					
<b>Low Cost/No Cost Textbook.</b>					Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course explores the history and principles of physical education, exercise science, and sport. The objectives are to define and investigate the importance of physical education with a view toward developing a basic philosophy and background for professional education. 54 lecture hours. CSU UC						
<b>KIN 169 Introduction to Coaching 3 Units</b>					32114 Swatek, C. MW 01:05 PM-02:30 PM FH 224 02/21-06/16						
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level. This course is to study the different aspects of coaching including philosophies and techniques. It will provide the student with a basic understanding of coaching on all levels. The topics included will be recruiting, tryouts, pre and post season development, conditioning, weight training, practice organization, game strategies, motivation techniques, legal aspects, public relations, media, fundraising and ethics. 54 lecture hours. CSU UC											
31445	Boxley, J.	MW	11:30 AM-12:55 PM	PE 140	02/21-06/16						

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**KIN 173 Nutrition for Fitness 3 Units**

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

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

32397	Shaw, N.	MW	08:20 AM-09:45 AM	PE 140	02/21-06/16
31424	Gomez, S.	MW	09:55 AM-11:20 AM	FH 224	02/21-06/16
33256	Rodriguez, T.	MW	01:05 PM-02:30 PM	PE 138	02/21-06/16
31451	Swatek, C.	TR	11:30 AM-12:55 PM	FH 224	02/21-06/16
32991	Swatek, C.	TR	01:05 PM-02:30 PM	FH 224	02/21-06/16
31423	Gomez, S.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
31983	Shaw, N.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
31459	Swatek, C.	HRS-ARRG		ONLINE	03/05-06/08
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
<b>Late start class (13 weeks).</b>					
32406	Swatek, C.	HRS-ARRG		ONLINE	04/23-06/16
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks.</b>					

**KIN 176 Elementary School Physical Education 3 Units**

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

An introductory course that will acquaint students with physical education programs for grades K-6. The course will include observation and visitation with elementary age students. The course will include methods, skills, and activities used in teaching elementary physical education. The class is recommended for elementary education and physical education majors. 54 lecture hours. CSU

31413	Boxley, J.	MW	09:55 AM-11:20 AM	PE 140	02/21-06/16
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**KIN 177 First-Aid Responding To Emergencies 3 Units**

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

Complies with requirements as set forth by the American National Red Cross for first aid responding to emergencies. Students have the option to receive certification cards in Adult CPR/AED, Child and Infant CPR and First Aid. There is a lab fee to receive the certification that will be collected in class. 54 lecture hours. CSU UC

31414	Swatek, C.	TR	08:20 AM-09:45 AM	PE 140	02/21-06/16
<b>Additional fee required for Red Cross CPR card.</b>					
32142	Boxley, J.	TR	09:55 AM-11:20 AM	PE 140	02/21-06/16
<b>Additional fee required for Red Cross CPR card.</b>					

**KIN 182 Care and Prevention of Athletic Injuries 3 Units**

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

This course is an overview of sports medicine, intended for those students in the fields of physical education, coaching and athletic training. This course covers the basics of exercise physiology, biomechanics, human motor learning, sports injuries and other special topics in sports medicine. Material fee. 54 lecture hours. CSU UC

32894	Rodriguez, T.	MW	11:30 AM-12:55 PM	PE 138	02/21-06/16
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**KIN 192 Aquatic Theory and Techniques 2 Units**

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

Content focuses on the biomechanical and technical analysis of intercollegiate water polo, swimming and diving. 36 lecture hours. CSU UC

33257	Spalding, J.	TR	11:30 AM-12:35 PM	AQ 100	02/21-06/01
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**Low Cost/No Cost Textbook.**

**Kinesiology-Comp Athletics**

**KINC 101 Physical Conditioning for Varsity Volleyball 2 Units**

Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate volleyball. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU UC

**Recommended for student athletes: Varsity Volleyball.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 102 Physical Conditioning for Varsity Soccer 2 Units**

Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate soccer. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU UC

**Recommended for student athletes: Varsity Women's Soccer.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

**Recommended for student athletes: Varsity Men's Soccer.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 103 Physical Conditioning for Varsity Water Polo 2 Units**

Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate water polo. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU UC

**Recommended for student athletes: Varsity Women's Water Polo.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

**Recommended for student athletes: Men's Water Polo.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 104 Physical Conditioning for Varsity Football 1 Units**

Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate football. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 54 lab hours. CSU UC

**Recommended for student athletes: Varsity Football.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

**Recommended for student athletes: Varsity Football.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 105 Physical Conditioning for Varsity Cross Country 2 Units**

Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.

This course is designed to provide a physical conditioning program for the student interested in intercollegiate cross country. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU UC

**Recommended for student athletes: Men's & Women's Cross Country.**

**Course does not have waitlist. Low Cost/No Cost Textbook.**

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**KINC 106 Physical Conditioning for Varsity Golf 2 Units**

Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.  
 This course is designed to provide a physical conditioning program for the student interested in intercollegiate golf. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 108 lab hours. CSU UC  
 32532 Bodoh, C. MWF 07:00 AM-09:15 AM PE GI 02/21-06/08  
**Recommended for student athletes: Women's Golf.**  
**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 110 Physical Conditioning for Varsity Basketball 1 Units**

Prerequisite: Must be a varsity college athlete/varsity college prospect or with coaches' permission.  
 This course is designed to provide a physical conditioning program for the student interested in intercollegiate basketball. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. This course may be taken four times. 54 lab hours. CSU UC  
 32107 Barber Matthews, L. MTWR 11:30 AM-01:40 PM PE 102 04/23-06/01  
**Late start class.**  
**Recommended for student athletes: Women's Basketball.**  
**Course does not have waitlist. Low Cost/No Cost Textbook.**  
 32106 Lauer, B. MTWR 01:45 PM-03:55 PM PE 102 04/23-06/01  
**Late start class.**  
**Recommended for student athletes: Men's Basketball.**  
**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 212 Varsity Swimming 2 Units**

Strongly recommended: Advanced swimming skills to participate in a competitive collegiate experience; must be a varsity college/athlete prospect or with coaches' permission.  
 Intercollegiate competition in varsity swimming. This course may be taken four times. 108 lab hours. CSU UC  
 32115 Spalding, J. MTWRF 01:30 PM-03:45 PM AQ POOL 02/21-04/27  
**Recommended for student athletes: Varsity Swim.**  
**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 214 Women's Varsity Softball 2 Units**

Strongly recommended: Advanced softball skills to participate in a competitive collegiate experience.  
 Intercollegiate competition in women's varsity softball. This course may be taken four times. 108 lab hours. CSU UC  
 32109 Paredes, T. MTWRF 01:00 PM-02:25 PM PE SF 02/21-05/25  
**Recommended for student athletes: Varsity Softball.**  
**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 224 Men's Varsity Baseball 2 Units**

Strongly recommended: Advanced baseball skills to participate in a competitive collegiate experience.  
 Intercollegiate competition in men's varsity baseball. This course may be taken four times. 108 lab hours. CSU UC  
 32110 Gomez, S. MTWRF 12:30 PM-01:55 PM PE BF 02/21-05/25  
**Recommended for student athletes: Varsity Baseball.**  
**Course does not have waitlist. Low Cost/No Cost Textbook.**

**KINC 225 Men's Varsity Golf 3 Units**

Strongly recommended: Advanced golf skills to participate in a competitive collegiate program.  
 Intercollegiate competition in men's varsity golf. This course may be taken four times. 162 lab hours. CSU UC  
 32153 Horton, J. MWF 02:40 PM-06:45 PM PE GI 02/21-05/25  
**Recommended for student athletes: Varsity Men's Golf.**  
**Course does not have waitlist. Low Cost/No Cost Textbook.**

**Leadership**

**LEAD 103 Foundations of Leadership 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A survey of the foundational theories and applications of leadership. Leadership is examined from the individual to its applications in the team and organizational settings. Emphasis is placed on the development of the student as a leader. This course is required either as a corequisite or prerequisite to holding a leadership position in the campus' student government association. 54 lecture hours. CSU UC  
 31530 Estrada, V. R 07:00 PM-10:10 PM LB 104 02/21-06/16

**Math**

**MATH 025 Arithmetic and PreAlgebra 5 Units**

Prerequisite: Placement is based on multiple assessment measures.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 Topics include the four basic operations of arithmetic on whole numbers, integers, fractions, decimals, ratios, proportions and percents, an introduction to fundamental algebraic concepts, solving equations and solving applied problems. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 90 lecture hours.  
 33385 Dominguez, V. MTWR 07:45 AM-09:10 AM ED 224 02/21-05/31  
**14 weeks. Low Cost/No Cost Textbook.**  
 33395 Romero, J. MTWR 09:10 AM-10:20 AM ED 247 02/21-06/16  
**Low Cost/No Cost Textbook.**  
 33389 Nguyen, H. MTWR 09:20 AM-10:30 AM ED 224 02/21-06/16  
 33390 Valderrama Perez, F. MTWR 10:40 AM-11:50 AM ED 224 02/21-06/16  
 33391 Chen, R. MTWR 12:00 PM-01:10 PM ED 224 02/21-06/16  
 33396 Valderrama Perez, F. MTWR 01:00 PM-02:10 PM ED 247 02/21-06/16  
 33392 Chen, R. MTWR 01:20 PM-02:30 PM ED 224 02/21-06/16  
 33393 Valderrama Perez, F. MTWR 02:40 PM-03:50 PM ED 224 02/21-06/16  
 33394 Ramirez Javier, O. MTWR 04:00 PM-05:10 PM ED 224 02/21-06/16  
 33397 Stevenson, M. MW 06:00 PM-08:30 PM ED 224 02/21-06/16  
 33398 Farias, C. TR 06:00 PM-08:30 PM ED 224 02/21-06/16

**MATH 029 Pre-Algebra 4 Units**

Prerequisite: MATH 020 or placement is based on multiple assessment measures.  
 This course is designed to prepare a student for Elementary Algebra. Topics include a review of arithmetic, a study of signed numbers, an introduction to fundamental algebraic concepts, solving equations, and solving applied problems. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 72 lecture hours.  
 32742 Kolim, S. MTWR 09:10 AM-10:15 AM MA 230 02/21-06/06  
**15 weeks.**  
 33002 Martinez, J. MTWR 10:30 AM-11:35 AM ED 247 02/21-06/06  
**15 weeks.**  
 33003 Martinez, J. MTWR 11:45 AM-12:50 PM ED 247 02/21-06/06  
**15 weeks.**  
 30109 Paek, H. MW 01:00 PM-03:05 PM MA 125 02/21-06/16  
 33006 Kim, W. MW 06:00 PM-08:05 PM MA 230 02/21-06/16  
 32743 Berberyan, T. TR 06:00 PM-08:05 PM MA 230 02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**MATH 030 Elementary Algebra 5 Units**

Prerequisite: MATH 025 or MATH 029 or placement is based on multiple assessment measures.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.

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.

31773	Trad, M.	MTWR	08:20 AM-09:30 AM	MA 109	02/21-06/16
31770	Gong, C.	MTWR	09:40 AM-10:50 AM	MA 126	02/21-06/16
31785	Trad, M.	MTWR	10:00 AM-11:10 AM	MA 109	02/21-06/16
31777	Gong, C.	MTWR	11:10 AM-12:20 PM	MA 126	02/21-06/16
31776	Trad, M.	MTWR	11:30 AM-12:40 PM	MA 109	02/21-06/16
32101	Scott, C.	MTWR	01:10 PM-02:20 PM	MA 109	02/21-06/16
31774	Scott, C.	MTWR	02:30 PM-03:40 PM	MA 222	02/21-06/16
32746	Nguyenhuu, R.	MW	01:05 PM-03:35 PM	MA 207	02/21-06/16
33180	Scott, C.	MW	07:00 PM-09:30 PM	MA 129	02/21-06/16
31778	Paek, H.	TR	01:05 PM-03:35 PM	MA 125	02/21-06/16
32745	Nguyenhuu, R.	TR	01:05 PM-03:35 PM	MA 207	02/21-06/16
33011	Gong, C.	TR	03:20 PM-05:50 PM	MA 230	02/21-06/16
32747	Medrano, E.	HRS-ARRG	ONLINE	02/21-06/16	

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

ON-CAMPUS REQUIREMENTS: Students required to take exams on campus.

31787 Trad, M. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

33247 Trad, M. HRS-ARRG ONLINE 04/23-06/16

ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.

**MATH 031 Plane Geometry 4 Units**

Prerequisite: MATH 030 or MATH 032 or placement is based on multiple assessment measures.

A first course in geometry. Elementary logic, properties of geometric figures, parallel and perpendicular lines, ratio and proportion, congruence, area, and volume. 72 lecture hours.

32870	Martinez, C.	TR	03:40 PM-05:45 PM	MA 127	02/21-06/16
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**MATH 140 Pre-Statistics 5 Units**

Prerequisite(s): MATH 025 or MATH 029.

This course surveys a variety of mathematical topics needed to prepare students for college-level statistics. Pre-Statistics is designed for students in majors such as those in liberal arts, humanities, and social sciences. It should not be taken by students majoring in science, technology, engineering, math, business, nursing, or any other major requiring a specific math course other than statistics. Topics include: performing operations on and evaluation of algebraic expressions, designing observational studies and experiments, graphical and tabular display of data, summarizing data, computing probabilities, describing associations of two variables graphically, graphing equations of lines and linear models, solving linear equations and inequalities, and finding linear models. 90 lecture hours.

33013	Punsalan, K.	MTWR	07:15 AM-08:25 AM	MA 222	02/21-06/16
33014	Medrano, E.	MTWR	07:30 AM-08:40 AM	MA 129	02/21-06/16
33015	Valderrama Perez, F.	MTWR	08:35 AM-09:45 AM	MA 222	02/21-06/16
33016	Dominguez, V.	MTWR	10:10 AM-11:35 AM	MA 223	02/21-05/31
33017	Cotton, K.	MW	08:00 AM-10:30 AM	MA 130	02/21-06/16
33404	Farias, C.	TR	03:00 PM-05:30 PM		02/21-06/16
33018	Dominguez, V.	HRS-ARRG	ONLINE	02/21-05/31	

ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). 14 weeks.

**MATH 150 Intermediate Algebra 5 Units**

Prerequisite: MATH 030 or placement is based on multiple assessment measures.

Real number properties, first degree equations and inequalities, absolute value equations and inequalities, formulas, applications, exponents, polynomials, the binomial theorem, factoring, linear systems, functions, rational expressions, radicals, complex numbers, quadratic equations, conics, inverse functions, and exponential and logarithmic functions. 90 lecture hours.

30308	Swan, A.	MTWR	07:00 AM-08:10 AM	MA 109	02/21-06/16
30317	White, S.	MTWR	08:10 AM-09:20 AM	MA 108	02/21-06/16
33030	Medrano, E.	MTWR	08:50 AM-10:00 AM	MA 227	02/21-06/16
30325	White, S.	MTWR	09:55 AM-11:05 AM	MA 222	02/21-06/16
32840	Zhuang, Y.	MTWR	11:00 AM-12:10 PM	MA 108	02/21-06/16
30309	Swatzel, J.	MTWR	11:30 AM-12:40 PM	MA 129	02/21-06/16
30314	Gong, C.	MTWR	01:05 PM-02:15 PM	MA 126	02/21-06/16
33021	Lee, S.	MW	10:10 AM-12:40 PM	MA 127	02/21-06/16
32429	Zhuang, Y.	MW	01:05 PM-03:35 PM	MA 230	02/21-06/16
32931	Nguyen, T.	MW	01:05 PM-03:35 PM	MA 129	02/21-06/16
32428	White, S.	MW	01:20 PM-03:50 PM	MA 124	02/21-06/16
31090	Nguyenhuu, R.	MW	03:50 PM-06:20 PM	MA 207	02/21-06/16
30312	Nguyen, T.	MW	04:00 PM-06:30 PM	MA 129	02/21-06/16
31033	Nguyenhuu, R.	TR	08:50 AM-11:20 AM	MA 129	02/21-06/16
32427	Everest, R.	TR	08:50 AM-11:20 AM	MA 207	02/21-06/16
32932	Lee, S.	TR	10:10 AM-12:40 PM	MA 127	02/21-06/16
30313	Everest, R.	TR	01:05 PM-03:35 PM	MA 206	02/21-06/16
30319	Scott, C.	TR	03:50 PM-06:20 PM	MA 129	02/21-06/16
30929	Abed, K.	TR	04:00 PM-06:30 PM	MA 223	02/21-06/16
33031	Arefin, S.	TR	06:50 PM-09:20 PM	MA 223	02/21-06/16
33019	Medrano, E.	HRS-ARRG	ONLINE	02/21-06/16	

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

ON-CAMPUS REQUIREMENTS: Students required to take exams on campus.

30303 Swatzel, J. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe)

30304 Trad, M. HRS-ARRG ONLINE 02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

**MATH 151 Plane Trigonometry 4 Units**

Prerequisites: MATH 031 or high school Geometry; MATH 142 or MATH 150 or placement for algebraic readiness is based on multiple assessment measures.

The study of trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, polar coordinates, and introduction to vectors. 72 lecture hours. CSU

31902	Everest, R.	MW	08:50 AM-10:55 AM	MA 207	02/21-06/16
32426	Tippins, R.	MW	10:30 AM-12:35 PM	MA 206	02/21-06/16
32867	Everest, R.	MW	01:10 PM-03:15 PM	MA 223	02/21-06/16
33023	Tippins, R.	TR	10:30 AM-12:35 PM	MA 206	02/21-06/16
30338	Zhuang, Y.	TR	12:45 PM-02:50 PM	MA 124	02/21-06/16

**MATH 162 Introductory Mathematical Analysis 4 Units**

Prerequisite: MATH 142 or MATH 150 or placement is based on multiple assessment measures.

Concepts of function and limits: applied calculus emphasizing techniques of integration and differentiation with applications in social and life sciences, business administration, economics, and engineering technology. 72 lecture hours. CSU UC

30342	Paek, H.	MW	04:25 PM-06:30 PM	MA 125	02/21-06/16
33215	Do, A.	TR	06:20 PM-08:25 PM	MA 207	02/21-06/16
30351	Paek, H.	TR	04:25 PM-06:30 PM	MA 125	02/21-06/16

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**MATH 165 Introductory Statistics 4 Units**

Prerequisite: MATH 140 or MATH 142 or MATH 150 or placement is based on multiple assessment measures.  
 Introductory course to statistics and probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi square, and applications in diverse disciplines. 72 lecture hours. CSU UC

32873	Swatzel, J.	MTWR	08:30 AM-09:35 AM	PC 303	02/21-06/06
33075	Swatzel, J.	MTWR	09:55 AM-11:00 AM	PC 303	02/21-06/06
30371	Dominguez, V.	MTWR	11:50 AM-01:00 PM	MA 223	02/21-05/31
33076	Wu, S.	MW	09:15 AM-11:20 AM	MA 125	02/21-06/16
30365	Gonzalez, R.	MW	01:05 PM-03:10 PM	PC 303	02/21-06/16
30366	Anderson, B.	MW	01:05 PM-03:10 PM	MA 206	02/21-06/16
30374	Gonzalez, R.	MW	04:10 PM-06:15 PM	MA 109	02/21-06/16
33071	Duong, H.	MW	05:25 PM-07:30 PM	MA 223	02/21-06/16
33072	Zhuang, Y.	MW	05:25 PM-07:30 PM	MA 206	02/21-06/16
32875	Duong, H.	MW	07:40 PM-09:45 PM	MA 223	02/21-06/16
30375	Swan, A.	TR	09:15 AM-11:20 AM	MA 125	02/21-06/16
30372	Anderson, B.	TR	09:55 AM-12:00 PM	MA 124	02/21-06/16
33073	Nguyen, T.	TR	01:05 PM-03:10 PM	MA 108	02/21-06/16
33074	Gonzalez, R.	TR	01:05 PM-03:10 PM	PC 303	02/21-06/16
30368	Nguyen, T.	TR	04:00 PM-06:05 PM	MA 130	02/21-06/16
32839	Yip, E.	TR	04:30 PM-06:35 PM	MA 108	02/21-06/16
32529	Gonzalez, R.	TR	04:10 PM-06:15 PM	MA 109	02/21-06/16
33181	Yip, E.	TR	06:45 PM-08:50 PM	MA 108	02/21-06/16
32150	Swatzel, J.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
30391	Tippins, R.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
33213	Swatzel, J.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
31868	Dominguez, V.	HRS-ARRG		ONLINE	02/21-05/31
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
<b>14 weeks.</b>					
33238	Tippins, R.	HRS-ARRG		ONLINE	03/19-06/16
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 12 weeks.</b>					

**MATH 170 College Algebra 4 Units**

Prerequisite: MATH 142 or MATH 150 or placement is based on multiple assessment measures.  
 College level course in algebra for majors in the liberal arts. Polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry. 72 lecture hours. CSU UC

33216	Rahman, M.	MW	11:00 AM-01:05 PM	MA	02/21-06/16
32777	Nguyen, T.	MW	06:25 PM-08:30 PM	MA 130	02/21-06/16
32156	Lopez, A.	TR	10:10 AM-12:15 PM	MA 130	02/21-06/16
30386	Pang, E.	TR	04:00 PM-06:05 PM	MA 222	02/21-06/16
30390	Tippins, R.	HRS-ARRG		ONLINE	02/21-06/16
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					

**MATH 175 Pre-Calculus 5 Units**

Prerequisite: MATH 151 or placement is based on multiple assessment measures.  
 Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; systems of equations; sequences and series; mathematical induction. 90 lecture hours. CSU UC

32938	Johnson, C.	MW	10:40 AM-01:10 PM	MA 130	02/21-06/16
32159	Odrich, S.	MW	04:00 PM-06:30 PM	MA 124	02/21-06/16
30394	Odrich, S.	MW	06:45 PM-09:15 PM	MA 126	02/21-06/16
32877	Chun, M.	TR	07:00 AM-09:30 AM	MA 124	02/21-06/16
32573	Odrich, S.	TR	04:00 PM-06:30 PM	MA 126	02/21-06/16

**MATH 190 Calculus with Analytic Geometry I 4 Units**

Prerequisite: MATH 175 or placement is based on multiple assessment measures.  
 A first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for science, technology, engineering & math majors. 72 lecture hours. CSU UC

31029	Nguyen, T.	MW	09:55 AM-12:00 PM	MA 124	02/21-06/16
32425	Garcia, J.	MW	05:30 PM-07:35 PM	MA 108	02/21-06/16
32878	Hopkins, L.	TR	07:00 AM-09:05 AM	MA 125	02/21-06/16
33051	Martinez, C.	TR	01:25 PM-03:30 PM	MA 127	02/21-06/16
30396	Do, A.	TR	04:00 PM-06:05 PM	MA 207	02/21-06/16

**MATH 191 Calculus with Analytic Geometry II 5 Units**

Prerequisite: MATH 190.  
 A second course in differential and integral calculus of a single variable: integration; techniques of integration; infinite sequences and series; polar and parametric equations; applications of integration. Primarily for science, technology, engineering & math majors. 90 lecture hours. CSU UC

33052	Anderson, B.	MW	08:50 AM-11:20 AM	MA 129	02/21-06/16
32879	Lee, S.	MW	01:45 PM-04:15 PM	MA 127	02/21-06/16
30399	Lopez, A.	TR	07:30 AM-10:00 AM	MA 130	02/21-06/16
30398	Anderson, B.	TR	01:10 PM-03:40 PM	MA 223	02/21-06/16
31091	Pang, E.	TR	06:30 PM-09:00 PM	MA 129	02/21-06/16

**MATH 210 Calculus with Analytic Geometry III 5 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. 90 lecture hours. CSU UC

33053	Gutierrez, J.	MW	09:30 AM-12:00 PM		02/21-06/16
32939	Gutierrez, J.	TR	11:20 AM-01:50 PM	P3 105	02/21-06/16
30400	Gutierrez, J.	TR	03:00 PM-05:30 PM	MA 124	02/21-06/16

**MATH 211 Differential Equations 5 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. 90 lecture hours. CSU UC

32956	Gutierrez, J.	TR	08:20 AM-10:50 AM		02/21-06/16
30401	Gutierrez, J.	TR	06:30 PM-09:00 PM	MA 124	02/21-06/16

**Medium and Heavy Truck Tech**

**MTRK 152A Medium and Heavy Truck Engines Service, Diagnosis, and Repair 6 Units**

Prerequisites: MTRK 148 or by department consent based upon individual's experience or ASE certifications or manufacturer certification.  
 Intended for those students majoring in Medium and Heavy Duty Truck or those currently employed with a medium and heavy truck service/repair establishment seeking to improve their skills. This course covers essential engine theory, inspection, diagnosis, service and repair. Engine inspection and measurements are covered, with emphasis on in-vehicle repairs. This course prepares students for ASE Truck Gas and Diesel Engine Repair (T-1, T-2) certification exam. 63 lecture hours, 135 lab hours. CSU

33077	Beye, P.	TR	04:00 PM-05:45 PM	TE 105	02/21-06/16
	Beye, P.	TR	05:55 PM-10:05 PM	DT 101	02/21-06/16



Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**MTRK 166 Medium/Heavy Truck Electrical/Electronic Systems II 4 Units**

Prerequisite: MTRK 156 or by department consent based upon individual's experience or ASE certifications or manufacturer certification. Intended for those seeking a career in the medium and heavy duty truck service and repair industry, course is one component of the MTRK program. This class covers advanced electrical and electronic systems theory, along with inspection, diagnosis, service & repair of specific accessory systems including supplemental restraint, navigation, entertainment, power windows/locks/seats, customizable body electronics, hybrid vehicle controls and multiplex systems. Prepares students for ASE Electrical & Electronic Systems (T6) certification. 45 lecture hours, 81 lab hours. CSU

33338	Rubio, M.	MW	04:00 PM-05:10 PM	TE 102	02/21-06/16
	Rubio, M.	MW	05:20 PM-07:35 PM	DT 101	02/21-06/16

**Music - Commercial**

**MUSC 104 Pop, Rock, and Jazz Performance Styles I 4 Units**

Prerequisite: Audition; Successful completion of MUSE 070 or MUSE 090 will support audition success. Introductory study and performance of contemporary pop, rock, and jazz styles. This course will focus on the various fusions of these diverse styles - including appropriate rehearsal and performance techniques. 36 lecture hours, 126 lab hours arranged. CSU UC

32137	Shrope, D.	M	09:55 AM-11:00 AM	PA 133	02/21-06/16
	Shrope, D.	W	09:55 AM-10:45 AM	PA 133	02/21-06/16

**AUDITION REQUIRED. Course does not have waitlist. + 126 TOTAL HRS ARR.**

**MUSC 105 Pop, Rock, and Jazz Performance Styles II 4 Units**

Prerequisite: Audition. Strongly recommended: MUSC 104. Intermediate study and performance of contemporary pop, rock, and jazz styles. This course will focus on the various fusions of these diverse styles, including appropriate rehearsal and performance techniques. 36 lecture hours, 108 lab hours arranged. CSU

32483	Shrope, D.	M	09:55 AM-11:00 AM	PA 133	02/21-06/16
	Shrope, D.	W	09:55 AM-10:45 AM	PA 133	02/21-06/16

**AUDITION REQUIRED. Course does not have waitlist. + 108 TOTAL HRS ARR.**

**MUSC 120 Studio Laboratory Band I 4 Units**

Prerequisite: Audition; Successful completion of MUSE 070 or MUSE 090 will support audition success. Exploration and performance of beginning large studio ensemble literature. Topics include the performance of various contemporary styles and section playing in the recording studio setting. 54 lecture hours, 54 lab hours arranged. CSU UC

32484	Hoehne, W.	TR	11:30 AM-12:55 PM	PA 154	02/21-06/16
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**AUDITION REQUIRED. Course does not have waitlist. + 54 TOTAL HRS ARR.**

**MUSC 121 Studio Laboratory Band II 4 Units**

Prerequisites: MUSC 120 or Audition. Exploration and performance of intermediate large studio ensemble literature. Topics include the performance of various contemporary styles and section playing in the recording studio setting. 54 lecture hours, 54 lab hours arranged. CSU UC

32187	Hoehne, W.	TR	11:30 AM-12:55 PM	PA 154	02/21-06/16
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**AUDITION REQUIRED. Course does not have waitlist. + 54 TOTAL HRS ARR.**

**MUSC 140 Jazz Improvisation I 3 Units**

Prerequisite: Audition; Successful completion of MUSE 090 and MUSE 070 will support audition success. This is a class for music majors and performing artists. Fundamental jazz harmonic theory, techniques, and practices of jazz improvisation in a variety of styles will be introduced and explored. 54 lecture hours, 18 lab hours. CSU UC

32306	Hoehne, W.	TR	08:20 AM-09:45 AM	PA 154	02/21-06/16
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**MUSC 141 Jazz Improvisation II 3 Units**

Prerequisite: MUSC 140 or Audition. This is a class for music majors and performing artists. Intermediate jazz harmonic theory, techniques, and practices of jazz improvisation in a variety of styles will be presented and explored. 54 lecture hours, 18 lab hours. CSU UC

32198	Hoehne, W.	TR	08:20 AM-09:45 AM	PA 154	02/21-06/16
	Hoehne, W.	R	07:20 AM-08:10 AM	PA 154	02/21-06/16

**AUDITION REQUIRED. Course does not have waitlist.**

**MUSC 142 Jazz Combos I 1 Units**

Prerequisite: Audition. Strongly recommended: MUSE 070, MUSE 090, or MUSC 140. An introduction to small jazz ensemble performance practices and techniques, including improvisation. Students will study and perform easy standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU UC

32199	Hoehne, W.	TR	09:55 AM-11:20 AM	PA 154	02/21-06/16
	Hoehne, W.	F	08:55 AM-09:45 AM	PA 154	02/21-06/16

**AUDITION REQUIRED. Course does not have waitlist.**

**MUSC 143 Jazz Combos II 1 Units**

Prerequisite: Audition. Strongly recommended: MUSC 141 or MUSC 142. Intermediate small jazz ensemble performance practices and techniques, including improvisation. Students will study and perform intermediate-level standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU UC

32502	Hoehne, W.	TR	09:55 AM-11:20 AM	PA 154	02/21-06/16
	Hoehne, W.	F	08:55 AM-09:45 AM	PA 154	02/21-06/16

**AUDITION REQUIRED. Course does not have waitlist.**

**MUSC 151 Songwriting I 2 Units**

Prerequisite: Skills assessment. Strongly recommended: MUSE 100. This course acquaints the student with commercial songwriting techniques. Included are developing an idea, writing a melody, melodic expansion, chord progressions, form, and light orchestration. 36 lecture hours, 18 lab hours. CSU

32200	Boylan, J.	M	09:55 AM-10:45 AM	PA 192	02/21-06/16
	Boylan, J.	W	09:55 AM-11:00 AM	PA 192	02/21-06/16
	Boylan, J.	F	09:55 AM-10:45 AM	VT 208	02/21-06/16

**MUSC 152 Songwriting II 2 Units**

Prerequisite: Skills assessment. Strongly recommended: MUSC 151. This course expands the student's commercial songwriting techniques. Included are development of ideas, writing melodies, melodic expansion, chord progressions, form, and light orchestrations. 36 lecture hours, 18 lab hours. CSU

33359	Boylan, J.	M	09:55 AM-10:45 AM	PA 192	02/21-06/16
	Boylan, J.	W	09:55 AM-11:00 AM	PA 192	02/21-06/16
	Boylan, J.	F	09:55 AM-10:45 AM	VT 208	02/21-06/16

**MUSC 190 Career Opportunities in the Music Entertainment Industry 3 Units**

This is a class for students interested in the music entertainment industry. Practices and procedures of artists and performers, record companies, live performance and touring, publishing, management, promotion, artist, radio station, video, and retail sales will be examined. Emphasis will be on prominent guest lecturers from various fields. 54 lecture hours. CSU

32202	Desantis, M.	MW	08:20 AM-09:45 AM	PA 192	02/21-06/16
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>MUSC 204</b>	<b>Pop, Rock, and Jazz Performance Styles III</b>								
	4 Units								
Prerequisite: Audition.									
An advanced-intermediate study and performance of contemporary pop, rock, and jazz styles. 36 lecture hours, 126 lab hours. CSU									
32857	Shrope, D.	M	09:55 AM-11:00 AM	PA 133	02/21-06/16				
	Shrope, D.	W	09:55 AM-10:45 AM	PA 133	02/21-06/16				
	Shrope, D.	TR	09:55 AM-11:20 AM	PA 133	02/21-06/16				
	Shrope, D.	F	07:40 AM-11:50 AM	PA 133	02/21-06/16				
<b>AUDITION REQUIRED. Course does not have waitlist.</b>									
<b>MUSC 220</b>	<b>Studio Laboratory Band III</b>								
	4 Units								
Prerequisite: MUSC 121 or Audition.									
Exploration and performance of intermediate-advanced large studio ensemble literature. Topics include the performance of various contemporary styles, section playing, and solo preparation in the studio ensemble setting. 54 lecture hours, 54 lab hours arranged. CSU									
32576	Hoehne, W.	TR	11:30 AM-12:55 PM	PA 154	02/21-06/16				
<b>AUDITION REQUIRED. Course does not have waitlist. + 54 TOTAL HRS ARR.</b>									
<b>MUSC 221</b>	<b>Studio Laboratory Band IV</b>								
	4 Units								
Prerequisite: MUSC 220 or audition.									
Exploration and performance of advanced large studio ensemble literature. Topics include the performance of various contemporary styles and section playing in the recording studio setting. 54 lecture hours, 54 lab hours arranged. CSU									
33231	Hoehne, W.	TR	11:30 AM-12:55 PM	PA 154	02/21-06/16				
	Hoehne, W.		HRS-ARRG		02/21-06/16				
<b>AUDITION REQUIRED. Course does not have waitlist. + 54 TOTAL HRS ARR.</b>									
<b>MUSC 240</b>	<b>Jazz Improvisation III</b>								
	3 Units								
Prerequisite: MUSC 141 or Audition.									
This is a class for music majors and performing artists. Advanced jazz harmonic theory, techniques, and practices of jazz improvisation in a variety of styles will be introduced and explored. 54 lecture hours, 18 lab hours. CSU UC									
33090	Hoehne, W.	TR	08:20 AM-09:45 AM	PA 154	02/21-06/16				
	Hoehne, W.	R	07:20 AM-08:10 AM	PA 154	02/21-06/16				
<b>MUSC 241</b>	<b>Jazz Improvisation IV</b>								
	3 Units								
Prerequisite: MUSC 240 or Audition.									
This is a class for music majors and performing artists. Advanced jazz harmonic theory, techniques, and practices of jazz improvisation in a variety of styles will be introduced and explored. 54 lecture hours, 18 lab hours. CSU UC									
33357	Hoehne, W.	TR	08:20 AM-09:45 AM	PA 154	02/21-06/16				
	Hoehne, W.	R	07:20 AM-08:10 AM	PA 154	02/21-06/16				
<b>MUSC 242</b>	<b>Jazz Combos III</b>								
	1 Units								
Prerequisite: Audition.									
Strongly recommended: MUSC 143 or MUSC 240.									
Intermediate-advanced small jazz ensemble performance practices and techniques, including improvisation. Students will study and perform intermediate-advanced-level standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU UC									
32503	Hoehne, W.	TR	09:55 AM-11:20 AM	PA 154	02/21-06/16				
	Hoehne, W.	F	08:55 AM-09:45 AM	PA 154	02/21-06/16				
<b>AUDITION REQUIRED. Course does not have waitlist.</b>									
<b>MUSC 243</b>	<b>Jazz Combos IV</b>								
	1 Units								
Prerequisite: Audition.									
Strongly recommended: MUSC 241 or MUSC 242.									
Advanced jazz ensemble performance practices and techniques, including improvisation. Students will study and perform advanced-level standard and non-standard selections of the small jazz ensemble repertoire. This class will be divided into multiple small jazz ensembles. Public performance required. 72 lab hours. CSU UC									
33358	Hoehne, W.	TR	09:55 AM-11:20 AM	PA 154	02/21-06/16				
<b>MUSC 253</b>	<b>Songwriting III</b>								
	2 Units								
Prerequisite: Skills assessment.									
Strongly recommended: MUSC 152.									
An intermediate-advanced level course covering commercial songwriting techniques. Included are development of intermediate-advanced level commercial songwriting ideas, writing melodies, melodic expansion, chord progression, form, light orchestration and lyric development. 36 lecture hours, 18 lab hours. CSU									
33094	Boylan, J.	M	09:55 AM-10:45 AM	PA 192	02/21-06/16				
	Boylan, J.	W	09:55 AM-11:00 AM	PA 192	02/21-06/16				
	Boylan, J.	F	09:55 AM-10:45 AM	VT 208	02/21-06/16				
<b>MUSC 254</b>	<b>Songwriting IV</b>								
	2 Units								
Prerequisite: Skills assessment.									
Strongly recommended: MUSC 253.									
An advanced level course covering commercial songwriting techniques. Included are development of ideas, writing melodies, melodic expansion, chord progression, form, light orchestration and lyric development. 36 lecture hours, 18 lab hours. CSU									
33360	Boylan, J.	M	09:55 AM-10:45 AM	PA 192	02/21-06/16				
	Boylan, J.	W	09:55 AM-11:00 AM	PA 192	02/21-06/16				
	Boylan, J.	F	09:55 AM-10:45 AM	VT 208	02/21-06/16				

## Music - Education

### MUSE 090 Introduction to Instrumental Ensemble Performance 4 Units

Prerequisite: Skills assessment.

This course presents an introduction to foundational instrumental ensemble performance skills and concepts. Basic preparation for college level ensemble rehearsal and performance environments. Included is an overview of foundational instrumental pedagogy, instrumental music notation, and terminology. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED FOR THE 60 UNITS FOR GRADUATION. 54 lecture hours, 72 lab hours.

33366	Carey, J.	MW	08:20 AM-09:45 AM	PA 151	02/21-06/16
	Carey, J.	MW	09:55 AM-12:00 PM	PA 151	02/21-06/16

### MUSE 100 Music Fundamentals 3 Units

Strongly recommended: MUSE 020.

This course introduces the basics of music theory including music notation, its history and development, keys, scales, intervals and the spelling of triads and seventh chords. It also introduces and develops basic ear training, sight-singing, and melodic and rhythmic dictation skills. This course includes a study of the role that music plays in society, its aesthetic impact, and examines some of the music of important composers in the development of western music. Recommended for all students desiring a comprehensive foundation in music theory, musicianship, and music history and appreciation. 54 lecture hours. CSU UC

32205	Cotter, S.	TR	11:30 AM-12:55 PM	VT 319	02/21-06/16
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### MUSE 101 Musicianship I 2 Units

Prerequisite: Recommendation by instructor(s) of music courses which require knowledge of sightsinging.  
Corequisite: MUSE 102.

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

32209	Hoehne, W.	M	09:55 AM-11:00 AM	VT 215	02/21-06/16
	Hoehne, W.	W	09:55 AM-10:45 AM	VT 215	02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>MUSE 102 Harmony I</b> <b>3 Units</b>					32892	Gardels, C.	T	09:55 AM-11:00 AM	VT 215
Corequisite: MUSE 101.						Gardels, C.	R	09:55 AM-10:45 AM	VT 215
Strongly recommended: MUSE 100.					32243	Sun, S.	R	02:40 PM-04:45 PM	VT 215
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					32241	McPherson, T.	F	09:55 AM-12:00 PM	VT 215
32211	Hoehne, W.	MW	08:20 AM-09:45 AM	VT 319					
02/21-06/16									
<b>MUSE 103 Musicianship II</b> <b>2 Units</b>									
Prerequisite: MUSE 101, MUSE 102 and recommendation by instructor(s) of music courses which require knowledge of sightsinging.									
Corequisite: MUSE 104.									
Continuation of materials and skills developed in MUSE 101. Continued practice and skill development in melodic and rhythmic dictation, intervals, and sightsinging. Required of all music majors. 36 lecture hours. CSU UC									
32212	Bonsera, A.	T	01:05 PM-02:10 PM	VT 215					
	Bonsera, A.	R	01:05 PM-01:55 PM	VT 215					
02/21-06/16									
<b>MUSE 104 Harmony II</b> <b>3 Units</b>									
Prerequisite: MUSE 102.									
Corequisite: MUSE 103.									
Continuation of materials and skills developed in MUSE 102. Additional study and analysis of scales, intervals, chord types and harmonic progression. Required of all music majors. 54 lecture hours. CSU UC									
32214	Eisel, G.	MW	09:55 AM-11:20 AM	VA 231					
02/21-06/16									
<b>MUSE 109 Music Appreciation</b> <b>3 Units</b>									
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 music majors and non-music majors. 54 lecture hours. CSU UC									
32215	Eisel, G.	TR	08:20 AM-09:45 AM	VA 130					
32216	Gardels, C.	TR	01:05 PM-02:30 PM	VA 132					
32217	Langford, W.		HRS-ARRG	ONLINE	02/21-06/16				
<b>ONLINE EDUCATION CLASS. For success tips, see www.citruscollege.edu/oe.</b>									
32218	Ray, E.		HRS-ARRG	ONLINE	04/23-06/16				
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see www.citruscollege.edu/de.</b>									
<b>Second 8 weeks.</b>									
<b>MUSE 111 History of Music II</b> <b>3 Units</b>									
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. Recommended for music majors. Music majors must take either MUSE 110 or MUSE 111. 54 lecture hours. CSU UC									
32307	Eisel, G.	TR	01:05 PM-02:30 PM	VT 319					
02/21-06/16									
<b>MUSE 112 History of Jazz</b> <b>3 Units</b>									
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									
32224	Beatty, D.	T	07:00 PM-10:10 PM	VA 231					
02/21-06/16									
<b>MUSE 113 History of Rock and Roll</b> <b>3 Units</b>									
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									
32225	Eisel, G.	MW	11:30 AM-12:55 PM	VA 130					
32226	Eisel, G.	MW	01:05 PM-02:30 PM	VA 130					
32228	Eisel, G.	TR	09:55 AM-11:20 AM	VA 130					
32229	Eisel, G.	T	06:00 PM-09:10 PM	VA 130					
02/21-06/16									
<b>MUSE 120 Elementary Piano I</b> <b>2 Units</b>									
For the beginning music student, music or non-music major. Covers all basic elements in elementary piano, including music reading, rhythm studies, technique, and scales. 36 lecture hours. CSU UC									
32892	Gardels, C.	T	09:55 AM-11:00 AM	VT 215	02/21-06/16				
	Gardels, C.	R	09:55 AM-10:45 AM	VT 215	02/21-06/16				
32243	Sun, S.	R	02:40 PM-04:45 PM	VT 215	02/21-06/16				
32241	McPherson, T.	F	09:55 AM-12:00 PM	VT 215	02/21-06/16				
<b>MUSE 121 Elementary Piano II</b> <b>2 Units</b>									
Prerequisite(s): MUSE 120.									
Continuation of skills and techniques learned in MUSE 120. Emphasis on reading skills, major scales, compound meters, ensemble playing, harmonization, and elementary classical keyboard literature. 36 lecture hours. CSU UC									
32515	Gardels, C.	T	11:30 AM-12:35 PM	VT 215	02/21-06/16				
	Gardels, C.	R	11:30 AM-12:20 PM	VT 215	02/21-06/16				
<b>MUSE 130 Voice - Beginning</b> <b>2 Units</b>									
Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.									
This course provides instruction and physical participation in the basic techniques necessary for good singing including posture, breathing, range extension and musicality. Additionally, beginning harmonic ear training provides tools for gradual improvement and musical achievement. Performance is required. 36 lecture hours, 18 lab hours arranged. CSU UC									
32244	Hackworth, C.	M	11:30 AM-12:35 PM	PA 133	02/21-06/16				
	Hackworth, C.	W	11:30 AM-12:20 PM	PA 133	02/21-06/16				
<b>+ 18 TOTAL HRS ARR.</b>									
32245	Milliken, K.	T	09:55 AM-11:00 AM	PA 192	02/21-06/16				
	Milliken, K.	R	09:55 AM-10:45 AM	PA 192	02/21-06/16				
<b>+ 18 TOTAL HRS ARR.</b>									
<b>MUSE 131 Voice - Intermediate</b> <b>2 Units</b>									
Prerequisite: MUSE 130 or Audition.									
This course provides a review of basic singing techniques with additional intermediate level instruction in greater vocal range, tone emission, and song memorization for the development of skill in performing literature for the solo voice. Performance is required. 36 lecture hours, 18 lab hours arranged. CSU UC									
32249	Mixson, V.	T	02:40 PM-03:45 PM	PA 133	02/21-06/16				
	Mixson, V.	R	02:40 PM-03:30 PM	PA 133	02/21-06/16				
<b>+ 18 TOTAL HRS ARR.</b>									
<b>MUSE 140 Beginning Guitar I</b> <b>2 Units</b>									
Stringing, tuning, fingering, playing techniques, notation, chords and chord progressions, reading guitar music, playing simple melodies and accompaniment. 36 lecture hours. CSU UC									
32250	Cotter, S.	T	02:45 PM-03:50 PM	VA 231	02/21-06/16				
	Cotter, S.	R	02:45 PM-03:35 PM	VA 231	02/21-06/16				
32251	Cotter, S.	F	09:55 AM-12:00 PM	VA 231	02/21-06/16				
<b>MUSE 188 Music Production Software/Hardware I</b> <b>2 Units</b>									
Prerequisite: MUSE 100 or MUSE 120 or Audition.									
Strongly recommended: ITIS 099.									
An introductory course in the use of music production software and hardware in the composition and arranging of music. Included are music sequencing, music revision/editing, instrumental mixing, enhancing effects, and CD production. Designed for the music major. 36 lecture hours. CSU UC									
32256	Alverson, D.	M	11:50 AM-12:55 PM	VT 320	02/21-06/16				
	Alverson, D.	W	11:50 AM-12:40 PM	VT 320	02/21-06/16				
<b>MUSE 189 Music Production Software/Hardware II</b> <b>2 Units</b>									
Prerequisite: MUSE 188 or Audition.									
This course is a continuation of the use of music production software and hardware in the computerized realization ('mock up') of a musical composition/arrangement. Included are advanced concepts in music affected by the process of sequencing, editing, mixing and effects. 36 lecture hours. CSU UC									
33378	Alverson, D.	M	11:50 AM-12:55 PM	VT 320	02/21-06/16				
	Alverson, D.	W	11:50 AM-12:40 PM	VT 320	02/21-06/16				

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
<b>MUSE 201 Musicianship III</b>					<b>MUSP 100 Concert Choir I - Beginning</b>				
2 Units					3 Units				
Prerequisite: MUSE 103 and MUSE 104. Corequisite: MUSE 202. Melodic and rhythmic dictation and sight singing. Identification of intervals, chord qualities, scales, phrases and harmonic function. Required for transferring music majors. 36 lecture hours. CSU UC					Strongly recommended: MUSE 130 or previous participation in choral ensembles. Open to all students capable of sustaining a vocal harmony part. Instruction in choral literature for the large choral ensemble. Special attention is given to				
33123	Eisel, G.	T	11:30 AM-12:35 PM	VT 208	02/21-06/16				
	Eisel, G.	R	11:30 AM-12:20 PM	VT 208	02/21-06/16	choral tone production, phrasing and interpretation. Participation in public performances is required. 54 lecture hours, 18 lab hours arranged. CSU UC			
					32884 Valverde, F. TR 01:05 PM-02:30 PM PA 133 02/21-06/16 <b>+ 18 TOTAL HRS ARRG.</b>				
<b>MUSE 202 Harmony III</b>					<b>MUSP 101 Concert Choir II-Intermediate</b>				
3 Units					3 Units				
Prerequisite: MUSE 104. Corequisite: MUSE 201. Continuation of first year's study, including seventh chords, secondary dominants, modality, harmonic structure of the phrase, harmonization of a given part, harmonic rhythm, irregular resolutions of secondary dominants, analysis of melodies, short works for piano, chorales, and songs. Required of all transferring music majors. 54 lecture hours. CSU UC					Prerequisite: Audition. Additional study of standard choral literature for the large choral ensemble. Students receive intermediate level instruction in tone production, phrasing, and interpretation. Participation in public performances is required. 54 lecture hours, 18 lab hours arranged. CSU UC				
33125	Eisel, G.	MW	08:20 AM-09:45 AM	VT 208	02/21-06/16				
					33137 Valverde, F. TR 01:05 PM-02:30 PM PA 133 02/21-06/16 <b>+ 18 TOTAL HRS ARRG.</b>				
<b>MUSE 203 Musicianship IV</b>					<b>MUSP 145 Wind Symphony I</b>				
2 Units					4 Units				
Prerequisites: MUSE 201 and MUSE 202. Corequisite: MUSE 204. A continuation of MUSE 201. This course will include more challenging rhythmic, melodic, and harmonic dictation and solfège. Required for transferring music majors. 36 lecture hours. CSU UC					Prerequisite: Audition; Successful completion of MUSE 090 will support audition success. The study and performance of beginning level wind band literature, with an emphasis on the development of high standards of personal and musical professionalism. Public performance and field trips required. 36 lecture hours, 108 lab hours arranged. CSU UC				
33124	Eisel, G.	T	11:30 AM-12:35 PM	VT 208	02/21-06/16				
	Eisel, G.	R	11:30 AM-12:20 PM	VT 208	02/21-06/16	32277 Hoehne, W. M 11:30 AM-12:35 PM PA 154 02/21-06/16			
					Hoehne, W. W 11:30 AM-12:20 PM PA 154 02/21-06/16 <b>AUDITION REQUIRED. Course does not have waitlist. + 108 TOTAL HRS ARRG.</b>				
<b>MUSE 204 Harmony IV</b>					<b>MUSP 146 Wind Symphony II</b>				
3 Units					4 Units				
Prerequisites: MUSE 201 and MUSE 202. Corequisite: MUSE 203. The culmination of the study of tonal harmony, including seventh chords, secondary dominants, modality, harmonic structure of the phrase, harmonization of a given part, harmonic rhythm, irregular resolutions of secondary dominants, analysis of melodies, short works for piano, chorales, and songs. Required of all transferring music majors. 54 lecture hours. CSU UC					Prerequisite: MUSP 145 or Audition. The study and performance of intermediate level wind band literature, with an emphasis on the development of high standards of personal and musical professionalism. Public performance and field trips required. 36 lecture hours, 108 lab hours arranged. CSU UC				
33126	Eisel, G.	MW	08:20 AM-09:45 AM	VT 208	02/21-06/16				
					32544 Hoehne, W. M 11:30 AM-12:35 PM PA 154 02/21-06/16				
					Hoehne, W. W 11:30 AM-12:20 PM PA 154 02/21-06/16 <b>AUDITION REQUIRED. Course does not have waitlist. + 108 TOTAL HRS ARRG.</b>				
<b>MUSE 220 Intermediate Piano I</b>					<b>MUSP 173 Musical Theatre Production I</b>				
2 Units					4 Units				
Prerequisite: MUSE 121 or Audition. Continued development of essential keyboard skills. This course emphasizes improvisation, melodic harmonization, and reading music at sight. 36 lecture hours. CSU UC					<b>Beginning</b> Prerequisite: Audition covering basic musicianship and sight reading skills, vocal quality assessment and ability to hold individual vocal part. Live musical theatre production. Students will function as principles and ensemble members in a fully produced musical. The course is also open to qualified musicians and technicians who wish to participate in production. 36 lecture hours, 108 lab hours arranged. CSU UC				
32517	Gardels, C.	T	11:30 AM-12:35 PM	VT 215	02/21-06/16				
	Gardels, C.	R	11:30 AM-12:20 PM	VT 215	02/21-06/16	32550 Shrope, D. MW 07:00 PM-09:15 PM PA 133 02/21-04/13 <b>AUDITION REQUIRED on Thursday, February 22, 2018 at 6:00p.m. on the main stage of the Haugh Performing Arts Center. For additional information contact Doug Austin at daustin@citruscollege.edu. This course does not have a wait list. + 108 TOTAL HRS ARRG.</b>			
					32551 Hinrichsen, G. MW 07:00 PM-09:15 PM VT 323 02/21-04/13 <b>AUDITION REQUIRED on Thursday, February 22, 2018 at 6:00p.m. on the main stage of the Haugh Performing Arts Center. For additional information contact Doug Austin at daustin@citruscollege.edu. This course does not have a wait list. + 108 TOTAL HRS ARRG.</b>				
<b>MUSE 230 Voice- Intermediate/Advanced</b>					<b>MUSP 225 Competitive Collegiate Choir</b>				
2 Units					3 Units				
Prerequisite: MUSE 131 or Audition. This course provides a review of intermediate vocal techniques and introduces the first processes of advanced level instruction. Vocal exercises include extension of range, stylistic analysis, and repertoire development used in performing literature for the solo voice. Performance is required. 36 lecture hours, 18 lab hours arranged. CSU UC					Prerequisite: Audition. Open to all students interested in developing personal choral technique towards vocational use in professional vocal ensembles. Emphasis is on sight-reading, intonation, and harmony skills. Participation in public choral competitions is required. This course may be taken four times. 54 lecture hours, 18 lab hours arranged. CSU UC				
32267	Mixson, V.	T	02:40 PM-03:45 PM	PA 133	02/21-06/16				
	Mixson, V.	R	02:40 PM-03:30 PM	PA 133	02/21-06/16	32555 Valverde, F. TR 01:05 PM-02:30 PM PA 133 02/21-06/16 <b>+ 18 TOTAL HRS ARRG.</b>			
					<b>+ 18 TOTAL HRS ARRG.</b>				
<b>MUSE 231 Voice - Advanced</b>									
2 Units									
Prerequisite: MUSE 230 or Audition. Advanced vocal exercises and techniques, analysis and repertoire development used in performing literature for the solo voice. Performance is required. 36 lecture hours, 18 lab hours arranged. CSU UC									
33108	Mixson, V.	T	02:40 PM-03:45 PM	PA 133	02/21-06/16				
	Mixson, V.	R	02:40 PM-03:30 PM	PA 133	02/21-06/16				
					<b>+ 18 TOTAL HRS ARRG.</b>				

## Music - Performance

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room	
<b>MUSP 235 Competitive Collegiate Show Choir 4 Units</b>					Prerequisite: MUSP 290 or Audition. An intermediate level workshop class in applied music with an emphasis on classical techniques which includes a private one-half hour lesson per week, attendance and participation in a weekly concert hour and skill and repertoire building activities. 18 lecture hours, 80 lab hours arranged. CSU UC					
Prerequisite(s): Audition. This class involves preparation and participation in collegiate show choir competitions. This course may be taken four times. 36 lecture hours, 108 lab hours arranged. CSU UC					33380 Shrope, D. W 02:40 PM-03:45 PM VA 130 02/21-06/16 <b>+ 80 TOTAL HRS ARR.</b>					
33139	Munoz, G.	T	01:05 PM-02:10 PM	PA 154	02/21-06/16					
	Munoz, G.	F	01:05 PM-01:55 PM	PA 154	02/21-06/16					
<b>+ 108 TOTAL HRS ARR.</b>										
33140	Munoz, G.	M	09:55 AM-11:00 AM	PA 154	02/21-06/16					
	Munoz, G.	W	09:55 AM-10:45 AM	PA 154	02/21-06/16					
<b>+ 108 TOTAL HRS ARR.</b>										
33172	Munoz, G.	M	08:20 AM-09:25 AM	PA 154	02/21-06/16					
	Munoz, G.	W	08:20 AM-09:10 AM	PA 154	02/21-06/16					
<b>+ 108 TOTAL HRS ARR.</b>										
<b>MUSP 245 Wind Symphony III 4 Units</b>					<b>MUSP 292 Applied Music III Intermediate/Advanced 2 Units</b>					
Prerequisite: MUSP 146 or Audition. The study and performance of intermediate-advanced level wind band literature, with an emphasis on the development of high standards of personal and musical professionalism. Public performance and field trips required. 36 lecture hours, 108 lab hours arranged. CSU UC					Prerequisite: MUSP 291 or Audition. An advanced level workshop class in applied music with an emphasis on popular techniques which includes a private one-half hour lesson per week, attendance and participation in a weekly concert hour and skill and repertoire building activities. 18 lecture hours, 80 lab hours arranged. CSU UC					
32595	Hoehne, W.	M	11:30 AM-12:35 PM	PA 154	02/21-06/16	33381	Shrope, D.	W	02:40 PM-03:45 PM	VA 130 02/21-06/16
	Hoehne, W.	W	11:30 AM-12:20 PM	PA 154	02/21-06/16	<b>+ 80 TOTAL HRS ARR.</b>				
<b>+ 108 TOTAL HRS ARR.</b>										
<b>MUSP 246 Wind Symphony IV 4 Units</b>					<b>MUSP 293 Applied Music IV Advanced 2 Units</b>					
Prerequisite: MUSP 245 or Audition. The study and performance of advanced level wind band literature, with an emphasis on the development of high standards of personal and musical professionalism. Public performance and field trips required. 36 lecture hours, 108 lab hours arranged. CSU UC					Prerequisite: MUSP 292 or Audition. An advanced level workshop class in applied music with an emphasis on improvisation and developmental techniques which includes a private one-half hour lesson per week, attendance and participation in a weekly concert hour and skill and repertoire building activities. 18 lecture hours, 80 lab hours arranged. CSU UC					
33182	Hoehne, W.	M	11:30 AM-12:35 PM	PA 154	02/21-06/16	33382	Shrope, D.	W	02:40 PM-03:45 PM	VA 130 02/21-06/16
	Hoehne, W.	W	11:30 AM-12:20 PM	PA 154	02/21-06/16	<b>+ 80 TOTAL HRS ARR.</b>				
<b>+ 108 TOTAL HRS ARR.</b>										
<b>MUSP 255 Competitive Collegiate Jazz Ensemble 4 Units</b>					<b>Natural History</b>					
Prerequisite: Audition. This course involves preparation and participation in collegiate jazz competitions. This course may be taken four times. 54 lecture hours, 72 lab hours arranged. CSU UC										
33173	Munoz, G.	MW	01:05 PM-02:30 PM	PA 154	02/21-06/16	<b>NAT 180B Natural History Series - Deserts 2 Units</b>				
<b>+ 72 TOTAL HRS ARR.</b>					A field course where the topography, climate, geology, ecology, life zones, wildlife, plant life, and human history of the desert region will be covered. Possible locations of interest but not restricted to include high desert, Anza Borrego-Salton Basin, Western Colorado Plateau, Eastern Colorado Plateau, Southeastern Arizona, Trans-Pecos or Baja California. In addition to lectures on campus, there will be a minimum of a three day field trip to the region. A transportation fee may be assessed. 36 lecture hours. CSU					
					33311 Goodman, R. HRS-ARRG 02/21-05/03 <b>Field trip destination: Anzo Borrego-Salton Basin. Mandatory class meetings: 6:00-9:00 PM, located in MA 225, February 22, 2018; March 29, 2018; and May 3, 2018 (final exam 6:00-8:00 PM). Mandatory field trip: April 6-April 8, 2018. Dates are subject to change.</b>					
<b>MUSP 285 Competitive Collegiate Wind Band 4 Units</b>					<b>Non-Credit</b>					
Prerequisite: Audition. The preparation and performance of professional wind band literature with the primary goal of maximizing adjudication consideration and reward at wind band competitions and festivals. Participation in public wind band competitions and festivals is required. This course may be taken four times. 36 lecture hours, 108 lab hours arranged. CSU UC					<b>NC 305 ESL Multiskills - Beginning 1 Units</b>					
32553	Hoehne, W.	M	11:30 AM-12:35 PM	PA 154	02/21-06/16	ESL Multiskills - Beginning 1 introduces low-beginning English language learners to basic language skills that are needed to live in American society. This course teaches performing essential life skills through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.				
	Hoehne, W.	W	11:30 AM-12:20 PM	PA 154	02/21-06/16	33356	Staff	MTWR	09:00 AM-12:05 PM	LL 101 02/21-06/13
<b>AUDITION REQUIRED. Course does not have waitlist. + 108 TOTAL HRS ARR.</b>					33361 Staff MTWR 05:30 PM-08:35 PM LL 101 02/21-06/13					
<b>MUSP 290 Applied Music I Beginning 2 Units</b>					<b>NC 306 ESL Multiskills - Beginning 2 Units</b>					
Prerequisite: Audition. A beginning level workshop class in applied music including a private one-half hour lesson per week, attendance and participation in a weekly concert hour and skill and repertoire building activities. 18 lecture hours, 80 lab hours arranged. CSU UC					ESL Multiskills - Beginning 2 expands on life and language skills learned in ESL Multiskills - Beginning 1 and is intended for high-beginning English language learners. This course teaches performing routine life skills and basic personal expression through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.					
33379	Shrope, D.	W	02:40 PM-03:35 PM	VA 130	02/21-06/16	33362	Staff	MTWR	09:00 AM-12:05 PM	LL 102 02/21-06/13
<b>+ 80 TOTAL HRS ARR.</b>					33363 Staff MTWR 05:30 PM-08:35 PM LL 102 02/21-06/13					
<b>MUSP 291 Applied Music II Intermediate 2 Units</b>										

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**NC 307 ESL Multiskills - Intermediate 1 Units**

ESL Multiskills - Intermediate 1 expands on life and language skills learned in ESL Multiskills - Beginning 2 and is designed for low-intermediate English language learners. This course teaches basic skills needed to succeed in American society through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.  
 33364 Staff MTWR 09:00 AM-12:05 PM LL 103 02/21-06/13  
 33365 Staff MTWR 05:30 PM-08:35 PM LL 103 02/21-06/13

Strongly recommended: NC 305 or demonstrate a high beginning (Beginning 2) level of English fluency.  
 ESL and Citizenship teaches high beginning English language skills through U.S. civics and preparation to complete the USCIS interview and exams. 54 lecture hours.  
 33373 Staff TR 12:30 PM-02:15 PM LL 101 02/21-06/07

**NC 308 ESL Multiskills - Intermediate 2 Units**

ESL Multiskills - Intermediate 2 is designed for English language learners at the high-intermediate level. This course introduces more complex language and life skills such as critical thinking, presenting arguments, and analyzing information through reading, writing, speaking, and listening in American English. Open entry/exit. 192 lecture hours.  
 33368 Staff MTWR 09:00 AM-12:05 PM LL 114 02/21-06/13  
 33369 Staff MTWR 05:30 PM-08:35 PM LL 114 02/21-06/13

**NC 607 Skilled Nursing Facility Activity Leader Units**

A course designed to meet minimum state certification requirements for activity leaders in skilled nursing care facilities. This course will also be helpful to anyone involved with care in an extended care facility. 90 lecture hours.  
 33377 Sailors, B. R 04:45 PM-10:10 PM LB 201 02/22-06/14

**NC 309 ESL Multiskills - Advanced Units**

ESL Multiskills - Advanced is designed for English language learners at the low-advanced level. This course prepares students for college level course work, to find or improve a career, and to engage with native English speakers at a comparable level. Open entry/exit. 192 lecture hours.  
 33370 Staff MTWR 09:00 AM-12:05 PM LL 113 02/21-06/13  
 33371 Staff MTWR 05:30 PM-08:35 PM LL 113 02/21-06/13

**NC 632 Air Conditioning I Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 Topics will include fundamentals of refrigeration theory and practice, introductory basic electricity, service of refrigeration equipment and accessories including compressors, condensers, evaporators, and metering devices. Review for EPA exam. 36 lecture hours, 18 lab hours.  
 33374 Fallat, P. T 06:00 PM-09:20 PM 02/27-06/12

**NC 315 ESL and Computer Literacy 1: Introduction to Computers Units**

Strongly recommended: NC 305 or demonstrate a low beginning level of English fluency.  
 ESL and Computer Literacy 1: Introduction to Computer introduces basic language and computer skills to English language learners. Students will learn beginning English language and life skills taught through rudimentary computing, word processing, and Internet instruction. 64 lecture hours.  
 33372 Staff MW 12:30 PM-02:35 PM LL 103 02/21-06/11

**NC 634 Air Conditioning II Units**

Strongly recommended: NC 632.  
 A course in the fundamentals of air conditioning, including ventilation, evaporation, cycles, charging, air distribution, control, electrical circuiting, venting, duct systems and diffusions. Emphasis on equipment selection, balance, adjustment, maintenance and service. Prepares students for EPA examination. 36 lecture hours, 18 lab hours.  
 33428 Toda, J. R 06:00 PM-09:10 PM 02/22-06/14

**NC 318 ESL: American English Pronunciation I Units**

Strongly recommended: NC 305: ESL Multiskills - Beginning 1 and/or demonstrate a low beginning level of English fluency.  
 ESL: American English Pronunciation I introduces English language learners to the basic sounds of American English. Students will learn how to recognize, produce and differentiate between the various sounds of American English and strengthen oral communication and reading skills. Special focus will be given to correct vocal techniques in producing difficult sounds in letters, words and sentences. 72 lecture hours.  
 33430 Staff TWR 12:30 PM-01:50 PM LL 113 02/21-06/13  
 33431 Staff TWR 04:00 PM-05:20 PM LL 113 02/21-06/13

**NC 640 HVAC Control Systems Units**

Strongly recommended: NC 632.  
 An explanation of HVAC control system theory, control hardware, and both simple and complex control systems, supervisory controls and the use of computers in control systems. 36 lecture hours, 18 lab hours.  
 33435 Fallat, P. W 06:00 PM-09:10 PM 02/21-06/13

**NC 319 ESL: American English Pronunciation II Units**

Strongly recommended: NC 318: ESL: American English Pronunciation I and/or demonstrate a low intermediate level of English fluency.  
 ESL: American English Pronunciation II expands on pronunciation and communication skills learned in ESL: American English Pronunciation I. This course is intended for students who have successfully completed ESL: American English Pronunciation I and can demonstrate at least a low-intermediate level of English fluency. Special focus will be given to more complex sounds, sentence and word level stress, communication and presentation skills, and emotive and social settings for various pronunciation techniques. 72 lecture hours.  
 33432 Staff TWR 12:30 PM-01:50 PM LL 114 02/21-06/13  
 33433 Staff TWR 04:00 PM-05:20 PM LL 114 02/21-06/13

**NC 400 ESL and Citizenship Units**

**Nursing**

**NRS 100 Introduction to Vocational Nursing 3 Units**

Strongly recommended: MATH 029; ENGL 099 if required by English placement exam or if required by English level.  
 Fundamental skills needed for health related occupations. Includes medical terminology, medical math, the application of computers to health care, techniques and learning tools to evaluate scientific readings, field study and exposure to health career opportunities. Offered for Pass/No Pass grading only. 36 lecture hours, 54 lab hours.  
 30916 Dhillon, D. M 08:00 AM-10:50 AM TC 228 02/21-06/16  
 Dhillon, D. M 11:45 AM-02:15 PM TC 228 02/21-06/16  
 31470 Guzman, J. R 08:00 AM-10:50 AM P3 105 02/21-06/16  
 Guzman, J. R 12:00 PM-02:30 PM TC 230 02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**NRS 101 Nurse Assistant 5 Units**

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

Provision of basic nursing care to residents in a long-term care facility. Upon successful completion of this course, students become eligible to sit for the nurse assistant competency exam for certification. 54 lecture theory hours, 108 lab clinical hours.

30683	Dhillon, D.	TWRF	07:00 AM-02:30 PM	TC 228	02/21-04/13
	Dhillon, D.	WR	07:00 AM-02:30 PM	TC 228	02/21-04/13

First 8 weeks. Department approval required.

Visit [www.citruscollege.edu/academics/programs/cna](http://www.citruscollege.edu/academics/programs/cna) for more information.

Clinicals:

F 3/2/18 (7:00a-3:30p)

T 3/6/18 (7:00a-1:30p)

F 3/9/18 (7:00a-1:30p)

TWRF 3/13/18-4/5/18 (7:00a-1:30p)

30684	Dhillon, D.	TWRF	07:00 AM-02:30 PM	TC 228	04/23-06/16
	Dhillon, D.	TW	07:00 AM-02:30 PM	TC 228	04/23-06/16

Second 8 weeks. Department approval required.

Visit [www.citruscollege.edu/academics/programs/cna](http://www.citruscollege.edu/academics/programs/cna) for more information.

Clinicals:

R 5/3/18 (7:00a-3:30p)

RF 5/4/18-5/11/18 (7:00a-1:30p)

TWRF 5/15/18-6/6/18 (7:00a-1:30p)

**Nursing - Registered**

**RNRS 193 Pediatric Nursing 3.5 Unit:**

Prerequisites: RNRS 190, 191 and 192.

Corequisites: RNRS 194 and 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.

32886	Guzman, J.	R	02:45 PM-04:50 PM	TC 229	02/21-06/16
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Clinical meets during second 8 weeks. Mandatory on-campus skills day on Tues, 4/24/18. Meets Tues, 4/24-6/12/18 from 6:45 am to 4:45 pm. Clinical dates and times are subject to change.

32588	Guzman, J.	R	02:45 PM-04:50 PM	TC 229	02/21-06/16
	Guzman, J.	HRS-ARRG	FD		02/21-06/16

Clinical meets during second 8 weeks. Mandatory on-campus skills day on Wed, 4/25/18. Meets Wed, 4/25-6/13 from 6:45 am to 4:45 pm. Clinical dates and times are subject to change.

**RNRS 194 Obstetrics/Maternity Nursing 3.5 Unit:**

Corequisite: RNRS 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.

32887	Barajas, N.	R	12:30 PM-02:35 PM	TC 229	02/21-06/16
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Clinical second 8 weeks.

Mandatory on-campus skills day on Sun, 4/22/18.

Meets Sun 4/22-6/10 from 6:45 am to 4:45 pm.

Clinical dates and times are subject to change.

32589	Barajas, N.	R	12:30 PM-02:35 PM	TC 229	02/21-06/16
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Clinical second 8 weeks.

Mandatory on-campus skills day on Mon, 4/23/18.

Meets Mon 4/23-6/11 from 6:45 am to 6:00 pm.

Clinical dates and times are subject to change.

**RNRS 195 Beginning Medical/Surgical Nursing 5 Units**

II

Prerequisites: RNRS 190, 191 and 192.

Corequisites: RNRS 193, 194.

Medical Surgical Nursing II develops the first years nursing student's knowledge and skills as they relate to the adult non-critical moderately complex medical-surgical patient. Through utilization of the nursing process, the student will recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Psychomotor skills associated with moderately complex needs, medication administration and intravenous therapy will be studied and practiced. The impact of multiple nursing diagnoses on patient outcomes will be introduced. 45 lecture hours, 135 lab hours.

32888	Barajas, N.	R	08:00 AM-10:35 AM	TC 229	02/21-06/16
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Clinical meets during first 8 weeks.

Mandatory on-campus skills day on Mon/Tues, 2/26 & 2/27.

Meets Mon/Tues, 2/26-4/10 from 6:45 am to 4:45 pm.

Clinical dates and time subject to change.

32590	Barajas, N.	R	08:00 AM-10:35 AM	TC 229	02/21-06/16
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Clinical meets during first 8 weeks.

Mandatory on-campus skills day on Mon/Tues, 2/26 & 2/27.

Meets 2/26-4/10, Mon: 6:45am to 6:45pm, Tues: 1:30 pm-9:45 pm.

Clinical dates and times are subject to change.

**RNRS 251 Medical-Surgical Nursing IV 6 Units**

Prerequisites: RNRS 201 and RNRS 203.

This course is a continuation of the nursing care of selected individuals throughout the life span who are experiencing complex alterations in wellness involving multiple systems. Care of clients experiencing multi-system failure and severe trauma is also included. Clinical experiences in local health care agencies provide students opportunity to apply theoretical concepts to actual care of patients. 54 lecture hours, 162 lab hours.

32890	Kibbe, S.	R	08:00 AM-11:10 AM	TC 230	02/21-06/16
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Clinical meets during first 8 weeks. Mandatory on-campus skills day on 2/25/18. Meets Mon 3/5-4/2 from 6:45am-6:45pm. Preceptorship second 8 weeks.

Eight 12-hour shifts from 4/23-6/8. Clinical dates and times are subject to change.

32567	Kibbe, S.	R	08:00 AM-11:10 AM	TC 230	02/21-06/16
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Clinical meets during first 8 weeks. Mandatory on-campus skills day on 2/24/18. Meets Sat/Sun 2/24-3/31/18 from 6:45 am-6:45 pm. Preceptorship second 8 weeks. Eight 12-hour shifts from 4/23-6/8/18. Clinical dates and times are subject to change.

Eight 12-hour shifts from 4/23-6/8/18. Clinical dates and times are subject to change.

32568	Kibbe, S.	R	08:00 AM-11:10 AM	TC 230	02/21-06/16
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Clinical meets during first 8 weeks. Mandatory on-campus skills day on 2/24/18. Meets Mon 3/5-4/2/18 from 6:45 am- 6:45 pm. Preceptorship second 8 weeks. Eight 12-hour shifts from 4/23-6/8/18. Clinical dates and times are subject to change.

Eight 12-hour shifts from 4/23-6/8/18. Clinical dates and times are subject to change.

**RNRS 252 Leadership for Professional Nursing Practice 2 Units**

Prerequisite: RNRS 201.

This course socializes students into the graduate registered nurse role. It focuses on the exploration and analysis of contemporary nursing practice, current trends, and issues impacting nursing care delivery. Advanced leadership and management concepts are discussed as part of the nursing role. Clinical experiences will be provided in RNRS 251. 36 lecture hours.

30969	Tucker, G.	HRS-ARRG	ONLINE		02/21-06/16
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ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).

ON-CAMPUS REQUIREMENTS: Mandatory on-campus meetings on 2/22 - CI-159, 4/28

& 5/31 in TC 228 from 11:45am-1:30pm.

Final Exam on 6/12 in TC 228 from 7:00am to 8:30am.

**Nursing - Vocational**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**VNRS 150 Fundamentals of Nursing 3 Units**

Prerequisite: NRS 100.  
Corequisites: VNRS 151L and current admission to the Vocational Nursing program.

This course presents the evolution of nursing through history until the present time, defines the paradigm of health and illness, explores the issues of culture and ethnicity, and examines the nurse-client relationship. The course presents a wide variety of basic nursing procedures used in the practice of vocational nursing, including how to do the procedure, as well as why and when these procedures should be done. The course presents special tools of nursing: the nursing diagnosis and the nursing process, which are used to provide individualized care to clients. 54 lecture hours.

30934	Grauso, L.	T	09:15 AM-11:40 AM	TC 229	02/21-04/13
	Grauso, L.	T	01:00 PM-03:30 PM	TC 229	02/21-04/13
	Grauso, L.	T	03:40 PM-05:55 PM	TC 229	02/21-04/13

First 8 weeks.

**VNRS 151L Fundamentals of Nursing Lab 3 Units**

Prerequisites: NRS 100 and current admission to the Vocational Nursing program.

Corequisite: VNRS 150.

Clinical application of theoretical concepts of basic nursing functions.

Offered for Pass/No Pass grading only. 162 lab hours.

30936	Grauso, L.		HRS-ARRG		02/21-04/13
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**SHORT TERM CLASS. Required to meet 2/21 thru 3/16 Wed. and Fri., 6:45am to 6:05pm in PC 212; and meet at clinical facilities 3/21 to 4/13 Wed. and Fri., 6:45am to 6:05pm.**

Clinical days and times are subject to change.

First 8 weeks.

32581	Ellis, J.		HRS-ARRG		02/21-04/13
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**Required to meet 2/21 to 3/16 Wed. and Fri., 6:45am to 6:05pm in PC 230; and meet at clinical facilities 3/21 to 4/12, Wed. 6:45am to 6:05pm and Thurs. 12:00pm to 11:20pm.**

Clinical days and times are subject to change.

First 8 weeks.

**VNRS 152 Pharmacology I 1 Units**

Prerequisite: NRS 100.

A beginning course in pharmacology. Elementary use of drug formulas, conversions, and dosage forms. Interpreting medical orders, and reading drug labels by learning common abbreviations; calculating I.V. flow rates is also included. 18 lecture hours.

30940	Wong, J.	M	01:50 PM-03:40 PM	TC 229	02/21-04/13
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First 8 weeks.

**VNRS 153 Introductory Nutrition for the Vocational Nurse 1 Units**

Prerequisite: NRS 100 and current admission to the Vocational Nursing program.

This course introduces the fundamentals of nutrition to the nursing student by discussing the relationship of food and health and the body's utilization of the six essential nutrients. Content also includes the five basic food groups, the food guide pyramid, and how to define and achieve a well-balanced diet. This course establishes the foundation needed for further study of nutrition in VNRS 163. 18 lecture hours.

30941	Grauso, L.	T	06:45 AM-09:05 AM	TC 229	02/21-04/13
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First 8 weeks.

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

Prerequisite: NRS 100.

Corequisites: VNRS 150, 151L, 152, 153, 155.

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

Vocational nursing students will explore the basic facts of human anatomy and the principles of physiology with selected clinical examples. 27 lecture hours.

30942	Ellis, J.	M	07:00 AM-10:35 AM	TC 229	02/21-04/13
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First 8 weeks.

**VNRS 155 Social Psychology for the Vocational Nurse 1 Units**

Prerequisite: NRS 100.

Corequisites: VNRS 150, 151L, 152.

This course introduces basic concepts of psychology while helping students relate them to their patient and themselves. It includes information about personality development, wellness, and personal care, assertiveness, job-related communication, cultural and spiritual differences, employability skills, the role of the LVN, general legal aspects and nursing ethics. 18 lecture hours.

30943	Ellis, J.	M	10:45 AM-01:05 PM	TC 229	02/21-04/13
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First 8 weeks.

**VNRS 160 Medical - Surgical Nursing I 3 Units**

Prerequisite: VNRS 150 and current admission to the Vocational Nursing program.

Corequisite: VNRS 161L.

This course presents the theory and principles of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. The course presents the principles and skills needed to perform a beginning level assessment of clients with alterations of these systems, within the scope of practice of the LVN. The course presents the application of the nursing process to the planning and care of these clients. 54 lecture hours.

30946	Grauso, L.	T	09:15 AM-11:45 AM	TC 229	04/23-06/16
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	Grauso, L.	T	01:00 PM-03:05 PM	TC 229	04/23-06/16
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	Grauso, L.	T	03:25 PM-05:20 PM	TC 229	04/23-06/16
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Second 8 weeks.

**VNRS 161L Medical - Surgical Nursing I Lab 3 Units**

Prerequisite: VNRS 151L and current admission to the Vocational Nursing program.

Corequisite: VNRS 160.

Clinical application of theoretical concepts of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. Offered for Pass/No Pass grading Only. 162 lab hours.

32559	Ellis, J.		HRS-ARRG	FD	04/23-06/16
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**LATE START CLASS. Required to meet on campus 4/25 & 4/26 in PC 230, 6:45am-6:05pm and at the clinical facility 5/2 to 6/7 on Wed. 6:45am-6:05pm and Thurs. 11:00am-1:20pm.**

Clinical days and times subject to change.

Second 8 weeks.

32583	Grauso, L.		HRS-ARRG	FD	04/23-06/16
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**LATE START CLASS. Required to meet on campus 4/25 & 4/27 in PC 23-, 6:45am-6:05pm and at the clinical facility 5/2 to 6/8 on Wed. and Fri. 6:45am-6:05pm.**

Clinical days and times are subject to change.

Second 8 weeks.

**VNRS 162 Pharmacology II 1 Units**

Prerequisites: VNRS 152.

Fundamental principles of drug action, the application of specific drugs in the treatment of disease, and the appropriate nursing actions to maximize the desired outcome of therapy. 18 lecture hours.

30957	Wong, J.	M	11:30 AM-01:20 PM	TC 229	04/23-06/16
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Second 8 weeks.

**VNRS 163 Diet Therapy for the Vocational Nurse 1 Units**

Prerequisite: VNRS 153 and current admission to the Vocational Nursing program.

This course presents nutritional needs across the lifespan, including the nutritional needs of healthy adults and the needs of people with certain illnesses, as well as nutritional needs related to pregnancy and lactation. Content includes nutritional assessment and planning and the use of therapeutic diets in the treatment of certain illnesses. This course builds on the fundamentals of nutrition presented in VNRS 153. 18 lecture hours.

30958	Grauso, L.	T	06:45 AM-08:50 AM	TC 229	04/23-06/16
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Second 8 weeks.



Note: Course Dates indicate Beginning and Ending Dates

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**VNRS 164 Body Structure and Function for the Vocational Nurse II 1.5 Unit:**

Prerequisite: VNRS 154 and current admission to the Vocational Nursing Program.

Corequisite: VNRS 160.

A continuation of body structure and function for the vocational nurse with clinical case studies. 27 lecture hours.

30959	Ellis, J.	M	07:00 AM-10:35 AM	TC 229	04/23-06/16
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Second 8 weeks.

**VNRS 165 Adult Growth and Development for the Vocational Nurse 1 Units**

Prerequisite: VNRS 150 and current admission into the Vocational Nursing Program.

Theoretical principles of growth and development. Nursing assessment and promotion of health of the adult from early childhood through death. 18 lecture hours.

30960	Grauso, L.		HRS-ARRG	ONLINE	04/23-06/16
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**ONLINE EDUCATION LATE START HYBRID CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: MANDATORY on-campus meetings on the following Mondays: 4/23, 5/7, 5/21, 6/4/17 from 2:00 to 4:15pm in TC 229. Online: 4/30, 5/14, 5/28/17. Students required to take exams on campus.**

Second 8 weeks.

**VNRS 170 Medical-Surgical Nursing II 7 Units**

Prerequisites: VNRS 160, 161L, 162, 163, 164.

Corequisite: VNRS 171L.

Provides advanced vocational nursing students with the theoretical foundation needed to perform skills and procedures related to the care of the adult medical-surgical patient in VNRS 171L. By consistently emphasizing the nursing process and rationale, the approach to each body system includes basic assessment or data collection, planning, implementation, evaluation, and documentation. Basic nursing skills are reinforced while advanced nursing skills include those related to the following body systems: respiratory, cardiovascular, hematopoietic, lymphatic, immune, neurologic, sensory, endocrine, and genitourinary. This course also includes a short discussion on cancer. 126 lecture hours.

30970	D'Amato, J.	T	08:00 AM-03:30 PM	TC 230	02/21-06/16
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REQUIRES concurrent enrollment in VNRS 171L.

**VNRS 171L Medical-Surgical Nursing II Lab 7 Units**

Corequisites: VNRS 170 and VNRS 183.

Clinical application of theoretical concepts of medical-surgical nursing of clients with alterations of respiration, circulation, blood and immune system, endocrine, special senses, neurological and genitourinary conditions.

Offered for Pass/No Pass grading only. 378 lab hours.

32917	D'Amato, J.	RF	06:45 AM-06:45 PM	FD	02/21-06/16
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REQUIRES concurrent enrollment in VNRS 170.

Required to meet on campus 2/21 & 2/22 in PC 230, 6:45am-6:45pm

Meet at assigned clinical facility.

Clinical days and times are subject to change.

32586	Wong, J.	WR	06:45 AM-06:45 PM	FD	02/21-06/16
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REQUIRES concurrent enrollment in VNRS 170.

Required to meet on campus 2/21 & 2/22 in PC 230, 6:45am-6:45pm

Meet at assigned clinical facility.

Clinical days and times are subject to change.

**VNRS 172 Advanced Pharmacology 2 Units**

Prerequisite: VNRS 162.

Fundamental principles of drug action and the application of specific drugs for the treatment of patients with alterations of respiration, renal system, circulation, the blood, endocrine function, neurological function, vision, and hearing. 36 lecture hours.

30974	Wong, J.	M	09:00 AM-11:05 AM	TC 230	02/21-06/16
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**VNRS 173 Psychology for Vocational Nurses 2 Units**

Prerequisite: VNRS 160.

Corequisite: VNRS 172.

Mental health care for patients and their families who are experiencing the pain of mental disorders. Teaches the nurse to plan and deliver care and provide health teaching so that effective self-care is possible when discharge occurs. 36 lecture hours.

30975	Guzman, J.	M	12:15 PM-03:00 PM	TC 230	04/23-06/16
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	Guzman, J.	M	03:10 PM-05:25 PM	TC 228	04/23-06/16
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Second 8 weeks.

**VNRS 183 Leadership in Nursing 3 Units**

Prerequisites: VNRS 160 and 161L; VNRS 170 or concurrent enrollment; VNRS 171L or concurrent enrollment.

Teaches advanced nursing students in the theory needed to perform skills and procedures used by nursing team leaders in a clinical setting. 36 lecture hours, 54 lab hours.

32918	Tucker, G.		HRS-ARRG	FD	02/21-06/16
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	Tucker, G.		HRS-ARRG		02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ON-CAMPUS REQUIREMENTS: Mandatory on-campus meetings on the following Mondays from**

**7:30am-8:30am in TC 230: 2/26 (Orientation), 4/23 (Midterm), and 6/11 (Final Exam).**

**Also meets Wednesday 4/25 to 5/30 from 8:00am-5:00pm in TC 229.**

**Clinical days and times are subject to change.**

**First 8 weeks.**

32587	Tucker, G.		HRS-ARRG		02/21-06/16
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	Tucker, G.		HRS-ARRG	FD	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ON-CAMPUS REQUIREMENTS: Mandatory on-campus meetings on the following Mondays from**

**7:30am-8:30am in TC 230: 2/26 (Orientation), 4/23 (Midterm), and 6/11 (Final Exam).**

**Also meets Friday 3/2 to 4/6 from 8:00am-5:00pm in TC 229.**

**Clinical days and times are subject to change.**

**First 8 weeks.**

**Office Tech & Computer Apps**

**OFF 101 Introduction to Microsoft Office Applications 3.5 Unit:**

This course is an introduction to Microsoft Windows and utilizes Microsoft Office Suite applications that emphasize creating, editing, updating, and integrating business and office projects. Computer applications include word processing (Word), spreadsheets (Excel), database management (Access), presentation graphics (PowerPoint), scheduling/time management (Outlook), and the Internet. 54 lecture hours, 36 lab hours. CSU

30108	James, R.		HRS-ARRG	ONLINE	02/21-06/16
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	James, R.		HRS-ARRG	ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**ON-CAMPUS REQUIREMENTS: Students are required to take the final exam on campus in the Testing Center. Mandatory on-line orientation on Thursday, February 22, 2018 at 5:00-6:00 pm.**

32835	Reotutar, G.	MW	06:30 PM-08:00 PM	LB 201	02/21-06/16
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	Reotutar, G.	MW	08:10 PM-09:00 PM	LB 201	02/21-06/16
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**OFF 120 Microsoft Excel 3 Units**

An Excel worksheets and workbooks course to include: formatting, calculating sums, formulas, charts, enhancing the worksheet, and making decisions using the IF function, completing financial functions, data lists, large workbooks using templates, using advanced sorting and filtering, creating charts, diagrams, and templates, creating PivotTable, PivotChart reports, and auditing worksheets, using data analysis, solver, and scenario features, using macros, and Visual Basic for applications, external data, database functions, side-by-side tables, and collaborating with others and preparing a workbook for distribution. 54 lecture hours, 18 lab hours. CSU

30110	James, R.	TR	08:15 AM-09:40 AM	LB 201	02/21-06/16
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	James, R.	R	09:50 AM-10:40 AM	LB 201	02/21-06/16
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**OFF 260 Computer Keyboarding and Document Processing 3.5 Unit:**

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

This course introduces skills and techniques fundamental to touch keyboarding on a microcomputer. This course also introduces document processing of letters, memorandums, reports and tables and is open to students with no previous keying experience. 54 lecture hours, 36 lab hours.

30112	James, R.		HRS-ARRG	ONLINE	02/21-06/16
	James, R.		HRS-ARRG	ONLINE	02/21-06/16

ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).  
ON-CAMPUS REQUIREMENTS: Students are required to take the final exam on campus in the Testing Center. Mandatory on-line orientation on Thursday, February 22, 2018 at 6:00-7:00 pm.

**OFF 281 Filing and Records Management 3 Units**

An overview of records management which involves practical fundamentals of records management, basic filing principles, procedures, and systems. Emphasis is on non-correspondence records, information storage, and retrieval systems. Management aspects of records retention, disposition, and the operation of a records management program. 54 lecture hours.

32186	James, R.		HRS-ARRG	ONLINE	02/21-06/16
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ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).  
ON-CAMPUS REQUIREMENTS: Students are required to take the final exam on campus in the Testing Center. Mandatory on-line orientation on Thursday, February 22, 2018 at 7:00-7:30 pm.

**OFF 285 Administrative Office Procedures 3 Units**

This is a course in office procedures and protocol for the person preparing for an office career. It emphasizes continuous self-evaluation and self-development in the areas of basic office skills, professional responsibilities, communication, and human relations. 54 lecture hours.

31703	James, R.	MW	11:30 AM-12:55 PM	LB 201	02/21-06/16
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**OFF 294 Microsoft Word 3 Units**

Word processing concepts with topics to include: creating and editing text and printing office documents such as letters from templates, research papers, resume, mail merge, and newsletters. Creating mailing labels, using styles and creating multi-level lists and charts. Using mark-up tools, building reusable

documents, advance table features, creating mass mailings, creating standardized forms, working with long documents, embedding, linking objects using Macros, and integrating Word with PowerPoint. This course will also

33300	James, R.	MW	08:15 AM-09:40 AM	LB 201	02/21-06/16
	James, R.	W	09:50 AM-10:45 AM	LB 201	02/21-06/16

## Philosophy

**PHIL 101 Great Religions of the World 3 Units**

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

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

30839	Saldana, R.	MW	09:55 AM-11:20 AM	LB 101	02/21-06/16
30840	Saldana, R.	TR	08:20 AM-09:45 AM	LB 101	02/21-06/16

**PHIL 106 Introduction to Philosophy 3 Units**

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

The foundations of philosophy in terms of modes of critical thinking, significant philosophical problems, and a representative sampling of primary philosophical writings. 54 lecture hours. CSU UC

33268	Saldana, R.	MW	08:20 AM-09:45 AM	LB 101	02/21-06/16
30841	Saldana, R.	MW	11:30 AM-12:55 PM	LB 101	02/21-06/16
30842	Saldana, R.	TR	11:30 AM-12:55 PM	LB 101	02/21-06/16

31237	Love, J.	T	07:00 PM-10:10 PM	LH 103	02/21-06/16
33070	Love, J.		HRS-ARRG	ONLINE	02/21-06/16

**PHIL 108 Philosophy - Ethics 3 Units**

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

A critical analysis of ethical theories including Kantianism, Utilitarianism and Virtue Ethics, as well as the application of these ethical theories to moral problems. 54 lecture hours. CSU UC

30845	Saldana, R.	TR	09:55 AM-11:20 AM	LB 101	02/21-06/16
31221	Love, J.	W	07:00 PM-10:10 PM	LB 303	02/21-06/16

**PHIL 110 Philosophy/Logic 3 Units**

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

A course introducing fundamental problems and principles of formal and informal logic, featuring proofs of validity, deductive and inductive reasoning, and detection and analysis of fallacies. 54 lecture hours. CSU UC

31213	Love, J.	MW	01:05 PM-02:30 PM	LB 310	02/21-06/16
30847	Saldana, R.	T	07:00 PM-10:10 PM	LB 101	02/21-06/16
30848	Saldana, R.	F	08:10 AM-11:20 AM	LB 101	02/21-06/16

**PHIL 131 History of Modern Philosophy 3 Units**

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

A study of selected works in the modern period of philosophy in the Western tradition (1600-1800), including major figures from Descartes to Immanuel Kant. 54 lecture hours.

33069	Love, J.	MW	09:55 AM-11:20 AM	LB 306	02/21-06/16
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## Photography

**PHTO 101 Basic Photography 3 Units**

Fundamentals of digital photography with a concentration on camera operation and image composition. Exposure basics including ISO, Aperture and Shutter speed will be emphasized with the use of aperture priority, shutter priority & manual exposure modes. Execution of basic postproduction digital workflow and image output using Adobe Lightroom and ink jet printer technology. This course is the prerequisite for all other photography courses.

30676	Konya, A.	MW	11:30 AM-12:35 PM	VA 233	02/21-06/16
	Konya, A.	MW	12:45 PM-02:40 PM	VA 233	02/21-06/16
30679	Attebery, D.	MW	02:50 PM-03:55 PM	VA 233	02/21-06/16
	Attebery, D.	MW	04:05 PM-06:00 PM	VA 233	02/21-06/16
30678	Konya, A.	TR	08:10 AM-09:15 AM	VA 233	02/21-06/16
	Konya, A.	TR	09:25 AM-11:20 AM	VA 233	02/21-06/16
33322	Schlosser, J.	TR	06:10 PM-07:15 PM	VA 233	02/21-06/16
	Schlosser, J.	TR	07:25 PM-09:20 PM	VA 233	02/21-06/16

**PHTO 102 Intermediate Photography 3 Units**

Prerequisite: PHTO 101.

Provides emphasis on artificial lighting control and studio photography fundamentals including: various lighting systems, tethered shooting, use of modifiers and studio backdrops. Both continuous and strobe lighting will be used to explore basic lighting principles. Students will acquire intermediate postproduction digital workflow skills and advanced printing methods using Adobe Photoshop and ink jet printer technology. Material fee. 36 lecture hours, 72 lab hours. CSU UC

32891	Konya, A.	TR	11:30 AM-12:35 PM	VA 233	02/21-06/16
	Konya, A.	TR	12:45 PM-02:40 PM	VA 233	02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**PHTO 103 Advanced Photography 3 Units**

Prerequisite: PHTO 102.

A study of advanced photographic techniques as applied to commercial and industrial careers working with specialized equipment. The continuation of studio applications including tabletop photography is emphasized for the production of product imagery. Artificial light, backgrounds, props and styling techniques are utilized to photograph products with challenging surfaces such as glass or metal. Material fee. 36 lecture hours, 72 lab hours. CSU

33142	Konya, A.	TR	11:30 AM-12:35 PM	VA 233	02/21-06/16
	Konya, A.	TR	12:45 PM-02:40 PM	VA 233	02/21-06/16

**PHTO 125 Photography as an Art Medium 3 Units**

Prerequisite: PHTO 102.

Traditional uses of photographic production will be challenged through non-traditional and conceptual project production. Artists' works that have influenced the photographic field will be explored through the process of image description, interpretation and judgment to reflect broader issues in visual culture. Material fee. 36 lecture hours, 72 lab hours. CSU UC

33323	Segovia Figueroa, C. F.		08:10 AM-10:15 AM	VA 233	02/21-06/16
	Segovia Figueroa, C. F.		10:25 AM-02:35 PM	VA 233	02/21-06/16

**PHTO 205 Advanced Imaging Techniques 3 Units**

Prerequisite: PHTO 101.

Strongly recommended: PHTO 102.

Established photo principles such as: proper use of cameras, filters, white balance, exposure, lighting equipment, and color analysis is emphasized in "Advanced Imaging Techniques." Students investigate advanced digital capture technologies to explore photographic image compositing, panoramic image production, High Dynamic Range (HDR) and aerial image capture. Students will acquire advanced postproduction digital workflow skills and advanced printing methods using Adobe Photoshop and ink jet printer technology. Material fee. 36 lecture hours, 72 lab hours. CSU

33143	Konya, A.	MW	08:10 AM-09:15 AM	VA 233	02/21-06/16
	Konya, A.	MW	09:25 AM-11:20 AM	VA 233	02/21-06/16

**Physics**

**PHYS 110 Physics in Everyday Life 4 Units**

Strongly recommended: MATH 030; ENGL 099 if required by English placement exam or if required by English level.

A general physics course for non-majors that explores fundamental principles of the physical world, including kinematics, Newton's laws of motion, conservation laws, electromagnetism, waves, optics and modern physics. Special emphasis is given to the applicability of these principles to understand today's core science and technology issues and how everyday things work. 54 lecture hours, 54 lab hours. CSU UC

32706	Yong, H.	TR	03:00 PM-04:25 PM	PS 107	02/21-06/16
	Yong, H.	T	11:30 AM-02:40 PM	PS 101	02/21-06/16
32744	Yong, H.	TR	03:00 PM-04:25 PM	PS 107	02/21-06/16
	Yong, H.	R	11:30 AM-02:40 PM	PS 101	02/21-06/16
32748	Dreisbach, D.	T	05:25 PM-08:35 PM	PS 107	02/21-06/16
	Dreisbach, D.	W	05:25 PM-08:35 PM	PS 101	02/21-06/16
32749	Dreisbach, D.	T	05:25 PM-08:35 PM	PS 107	02/21-06/16
	Dreisbach, D.	R	05:25 PM-08:35 PM	PS 101	02/21-06/16

**PHYS 112 College Physics B 4 Units**

Prerequisite: PHYS 111.

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

The second of two trigonometry-based physics courses covering optics, electromagnetism and modern physics with an emphasis on how these concepts apply to biological systems. This course is designed for students planning to enter medicine, dentistry, pharmacy, optometry, forestry, and (4 year) nursing. (For transfer as a calculus-based physics course, students must take PHYS 112C.) 54 lecture hours, 54 lab hours. CSU UC

32971	Ramos, G.	TR	09:55 AM-11:20 AM	PS 106	02/21-06/16
	Ramos, G.	F	01:05 PM-04:15 PM	PS 106	02/21-06/16

**PHYS 201 Physics A: Mechanics 5 Units**

Prerequisite: MATH 190.

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

32437	Riderer, L.	MW	03:00 PM-04:25 PM	PS 107	02/21-06/16
	Riderer, L.	M	10:30 AM-11:20 AM	PS 125	02/21-06/16
	Riderer, L.	M	11:30 AM-02:40 PM	PS 125	02/21-06/16
30385	Riderer, L.	MW	03:00 PM-04:25 PM	PS 107	02/21-06/16
	Riderer, L.	M	04:35 PM-05:25 PM	PS 125	02/21-06/16
	Riderer, L.	M	05:35 PM-08:50 PM	PS 125	02/21-06/16
30388	Riderer, L.	MW	03:00 PM-04:25 PM	PS 107	02/21-06/16
	Riderer, L.	W	10:30 AM-11:20 AM	PS 125	02/21-06/16
	Riderer, L.	W	11:30 AM-02:40 PM	PS 125	02/21-06/16
31537	Riderer, L.	MW	03:00 PM-04:25 PM	PS 107	02/21-06/16
	Riderer, L.	W	04:35 PM-05:25 PM	PS 125	02/21-06/16
	Riderer, L.	W	05:35 PM-08:45 PM	PS 125	02/21-06/16

**PHYS 202 Physics B: Thermodynamics and Electromagnetism 5 Units**

Prerequisite: PHYS 201 and MATH 191.

Strongly recommended: MATH 210 as a pre- or co-requisite.

Core topics include the laws of thermodynamics, kinetic theory, electrostatics, magnetism, DC and AC circuits, and Maxwell's equations. This course is part of a three-semester sequence and is required of all majors in engineering, physics, chemistry, and some geology and mathematics majors. 72 lecture hours, 54 lab hours. CSU UC

30416	Ramos, G.	MW	09:15 AM-11:20 AM	PS 106	02/21-06/16
	Ramos, G.	F	09:30 AM-12:40 PM	PS 106	02/21-06/16
31525	Ramos, G.	M	03:00 PM-05:05 PM	PS 106	02/21-06/16
	Ramos, G.	T	03:30 PM-05:35 PM	PS 106	02/21-06/16
	Ramos, G.	W	01:45 PM-04:55 PM	PS 106	02/21-06/16
32413	Ramos, G.	T	01:05 PM-03:10 PM	PS 106	02/21-06/16
	Ramos, G.	W	11:30 AM-01:35 PM	PS 106	02/21-06/16
	Ramos, G.	M	11:30 AM-02:40 PM	PS 106	02/21-06/16

**PHYS 220A Introduction to Independent Research in Physics 1 Units**

Prerequisite: Instructor approval is required prior to enrollment.

Strongly recommended: PHYS 201; ENGL 101 or ENGL 101H.

An introductory course in research for students interested in physics-related research or projects. This course includes an introduction to research methods, directed reading, or other advanced study beyond the introductory physics level. 54 lab hours. CSU

32062	Riderer, L.	F	08:40 AM-11:50 AM	PS 125	02/21-06/16
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**Instructor's approval is required.**

**PHYS 225 Team-Based Research in Physics I 1 Units**

Prerequisite: PHYS 110 or PHYS 201 or concurrent enrollment for either.

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

An introductory course in research for students participating in team based, physics-related research or projects. Topics include conducting a literature review, learning to be part of an effective research/design team and selecting feasible research ideas for implementation and outreach. 54 lab hours. CSU

32398	Riderer, L.	F	11:55 AM-03:05 PM	PS 125	02/21-06/16
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**Instructor's approval is required.**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**PHYS 226 Team-Based Research Physics II 1 Units**

Prerequisite: PHYS 201 or PHYS 220A or PHYS 225; MATH 151 or MATH 190 or higher.  
 Strongly recommended: ENGL 101 or ENGL 101H or higher.  
 A second course in research for students participating in team based, physics-related research or projects. Topics include preparing and presenting a professional-style research proposal and the development of an experimental design to carry out the research. 54 lab hours. CSU UC  
 32399 Riderer, L. F 03:10 PM-06:20 PM PS 125 02/21-06/16  
**Instructor's approval is required.**

**Political Science**

**POLI 103 American Government and Politics 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course deals with the origins and functions of the government of the United States with special emphasis on the background and causes of present problems. It meets the United States Constitution graduation requirement and includes local and state government. 54 lecture hours. CSU UC

30776	Ross, G.	MW	08:20 AM-09:45 AM	LB 103	02/21-06/16
30778	Peters, G.	MW	11:30 AM-12:55 PM	LB 303	02/21-06/16
30777	Peters, G.	MW	01:05 PM-02:30 PM	LB 303	02/21-06/16
31238	Ross, L.	TR	08:20 AM-09:45 AM	LB 306	02/21-06/16
30781	Ross, G.	TR	09:55 AM-11:20 AM	LH 103	02/21-06/16
31226	Ross, L.	TR	09:55 AM-11:20 AM	LB 306	02/21-06/16
30783	Peters, G.	TR	11:30 AM-12:55 PM	LB 310	02/21-06/16
31329	Ramos Bernal, N.	TR	01:05 PM-02:30 PM	LB 303	02/21-06/16
30782	Alameddine, Z.	TR	01:05 PM-02:30 PM	LB 306	02/21-06/16
30779	Ross, G.	TR	03:50 PM-05:15 PM	LB 306	02/21-06/16
32512	Jefferson, R.	TR	05:25 PM-06:50 PM	LB 204	02/21-06/16
30922	Ramos Bernal, N.	F	08:10 AM-11:20 AM	LB 204	02/21-06/16
32727	Jefferson, R.	T	07:00 PM-10:10 PM	LB 302	02/21-06/16
30780	Christensen, N.	W	07:00 PM-10:10 PM	LB 306	02/21-06/16
33269	Peters, G.	HRS-ARRG	ONLINE	02/21-06/16	
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
33270	Peters, G.	HRS-ARRG	ONLINE	02/21-04/13	
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. First 8 weeks.</b>					
33271	Peters, G.	HRS-ARRG	ONLINE	04/23-06/16	
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks.</b>					

**POLI 104 Introduction to Political Science 3 Units**

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

An introduction to the principles and practices of government. Political theories and contemporary ideologies; nature of the state; constitution and law; public opinion; mass media; the nature of foreign policy and international politics. 54 lecture hours. CSU UC

31073	Ross, G.	MW	01:05 PM-02:30 PM	LB 103	02/21-06/16
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**POLI 105 Comparative Politics 3 Units**

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

An introductory course to acquaint students with the types of governmental systems which people establish in their various localities around the world and the competing values that tend to result in conflicts between opposing groups of people. An in-depth analysis of contending political ideologies, electoral procedures, and governing institutions is the course's main focus.

This course is structured to provide a regional and comparative approach to the study of politics at the global level. 54 lecture hours. CSU UC

30789	Ross, G.	MW	09:55 AM-11:20 AM	LB 103	02/21-06/16
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**POLI 108 Political Theory 3 Units**

Strongly recommended: ENGL 101 or ENGL 101H.

This course traces the development of key concepts in political theory such as justice, democracy, liberty, equality, order, citizenship, sovereignty, power and revolution over the course of Western history to include the ancient, modern, and contemporary periods. The course traces the evolution of key political concepts through an examination of thinkers from these periods, including Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Madison, Mill, Marx, and Arendt. 54 lecture hours. CSU UC

32051	Millbrandt, D.	MW	03:50 PM-05:15 PM	LB 310	02/21-06/16
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**POLI 116 International Relations 3 Units**

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

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

30792	Peters, G.	TR	01:05 PM-02:30 PM	LB 310	02/21-06/16
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**Psychology**

**PSY 101 Introduction to Psychology 3 Units**

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

The course is an introduction to psychology as an empirical science involving a synthesis of theory and research within the domains of behavior, cognition and affect. Students are expected to work and participate using critical thinking skills, thoughtful analysis/synthesis of readings, presentations and discussions within the class environment. 54 lecture hours. CSU UC

31088	Guttman, K.	MW	11:30 AM-12:55 PM	PC 314	02/21-06/16
30880	Brown, R.	MW	01:05 PM-02:30 PM	LB 302	02/21-06/16
30881	Tate, E.	MW	03:50 PM-05:15 PM	LB 204	02/21-06/16
32521	Tate, E.	MW	05:25 PM-06:50 PM	LB 310	02/21-06/16
32729	Brown, M.	TR	08:20 AM-09:45 AM	LB 303	02/21-06/16
31076	Guttman, K.	TR	09:55 AM-11:20 AM	LB 301	02/21-06/16
30885	Kim, A.	TR	11:30 AM-12:55 PM	LH 102	02/21-06/16
<b>Low Cost/No Cost Textbook.</b>					
31093	Guttman, K.	TR	11:30 AM-12:55 PM	LB 301	02/21-06/16
30879	Kim, A.	TR	01:05 PM-02:30 PM	LH 102	02/21-06/16
<b>Low Cost/No Cost Textbook.</b>					
32730	Brown, R.	TR	03:50 PM-05:15 PM	LB 204	02/21-06/16
32044	Peterson, L.	F	08:10 AM-11:20 AM	LB 301	02/21-06/16
32052	Peterson, L.	F	11:30 AM-02:40 PM	LB 301	02/21-06/16
31870	Levine, B.	T	07:00 PM-10:10 PM	LB 102	02/21-06/16
31835	Levine, B.	W	07:00 PM-10:10 PM	LB 301	02/21-06/16
33145	Brown, R.	HRS-ARRG	ONLINE	02/21-06/16	
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
30886	Kim, A.	HRS-ARRG	ONLINE	02/21-06/16	
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Low Cost/No Cost Textbook.</b>					
32937	Tate, E.	HRS-ARRG	ONLINE	02/21-06/16	
<b>ONLINE EDUCATION CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
30887	Kim, A.	HRS-ARRG	ONLINE	02/21-04/13	
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. First 8 weeks. Low Cost/No Cost Textbook.</b>					
33218	Kim, A.	HRS-ARRG	ONLINE	04/23-06/16	
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>.</b>					
33234	Tate, E.	HRS-ARRG	ONLINE	04/23-06/16	
<b>ONLINE EDUCATION SHORT TERM CLASS. For success tips, see <a href="http://www.citruscollege.edu/oe">www.citruscollege.edu/oe</a>. Second 8 weeks.</b>					

**PSY 101H Introduction to Psychology - Honors 3 Units**

Prerequisite: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

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

The course is an introduction to psychology as an empirical science involving a synthesis of theory and research within the domains of behavior, cognition and affect. Students are expected to work and participate at an honors level which includes demonstrating strong critical thinking skills through analysis of social scientific literature and original research in a seminar style class format. 54 lecture hours. CSU UC

32731	Guttman, K.	MW	09:55 AM-11:20 AM	ED 129	02/21-06/16
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**PSY 102 Psychobiology 3 Units**

Prerequisite: PSY 101 or PSY 101H.  
 Strongly recommended: BIOL 104 or BIOL 105 or BIOL 105H; ENGL 101 or ENGL 101H.  
 This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research. 54 lecture hours. CSU UC  
 31095 Brown, R. MW 03:50 PM-05:15 PM LB 302 02/21-06/16

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course examines major physical, psychosocial, and cognitive/language developmental milestones as they pertain to the various ages and stages in a child's life from the prenatal development through adolescence. Practices of investigative research methodologies, caregiving, education, teaching, and parenting that derive from diverse cultural and theoretical perspectives will be analyzed. Students will learn to observe children, evaluate individual differences and analyze characteristics of development at various stages. Interactions between maturational and environmental factors will be explored. 54 lecture hours. CSU UC  
 30866 Hahn, S. MW 01:05 PM-02:30 PM LB 107 02/21-06/16  
 30867 Taylor, J. TR 08:20 AM-09:45 AM LB 107 02/21-06/16  
 31758 Castro, W. T 07:00 PM-10:10 PM LH 101 02/21-06/16  
 32948 Resch, A. R 07:00 PM-10:10 PM LH 102 02/21-06/16

**PSY 103 Statistics for the Social and Behavioral Sciences 3 Units**

Prerequisite: MATH 142 or MATH 150 or higher.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An elementary course in statistical concepts designed especially for students in the social and behavioral science areas. The development of basic skills in descriptive statistics and inferential statistics is stressed. Reliability and validity problems when generalizing from samples to population will be considered. 54 lecture hours. CSU UC  
 31747 Brown, R. TR 01:05 PM-02:30 PM LB 101 02/21-06/16

**PSY 212 Psychological Disorders 3 Units**

Prerequisite: PSY 101 or PSY 101H.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course introduces the scientific study of psychopathology and atypical behaviors, broadly defined. Students investigate abnormal behavior from a variety of perspectives including biological, psychological, and sociocultural approaches. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced. 54 lecture hours. CSU UC  
 30869 Shaw, T. TR 01:05 PM-02:30 PM LB 301 02/21-06/16  
 31638 Thompson, J. T 07:00 PM-10:10 PM LB 301 02/21-06/16

**PSY 203 Research Methods in Psychology 4 Units**

Prerequisites: PSY 101 or PSY 101H; PSY 103 or MATH 165.  
 Strongly recommended: ENGL 099 if required by English placement or if required by English level.  
 An introductory course in research methodology designed for students in the behavioral and social sciences. The application of basic skills in descriptive and inferential statistics is stressed, as well as critical analysis of experimental and non-experimental research methods in basic and applied research settings. 54 lecture hours, 54 lab hours. CSU UC  
 32003 Alfaro, M. M 02:40 PM-05:50 PM IS 110 02/21-06/16  
 Alfaro, M. W 02:40 PM-05:50 PM IS 110 02/21-06/16  
 33222 Alfaro, M. T 02:40 PM-05:50 PM IS 108 02/21-06/16  
 Alfaro, M. R 02:40 PM-05:50 PM IS 108 02/21-06/16  
 30871 Thompson, J. T 02:50 PM-06:00 PM IS 110 02/21-06/16  
 Thompson, J. R 02:50 PM-06:00 PM IS 110 02/21-06/16  
 32394 Seligman, R. F 08:10 AM-11:20 AM IS 110 02/21-06/16  
 Seligman, R. F 11:30 AM-02:40 PM IS 110 02/21-06/16

**PSY 213 Survey of Drug and Alcohol Use in Society 3 Units**

Prerequisite: PSY 101 or PSY 101H.  
 Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This survey course includes drug classification, drug physiology and psychopharmacology, theories of addiction, history and theories of treatment, dual diagnosis, drug testing and social policy, recovery and rehabilitation, and other related topics. 54 lecture hours. CSU UC  
 33146 Guttman, K. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**PSY 220 Introduction to Social Psychology 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An introduction to the study of social psychology emphasizes the nature of socially determined behavior as seen in the areas of conformity, propaganda, prejudice, social roles, social process, social perception, and culturally determined personality. 54 lecture hours. CSU UC  
 32261 Tate, E. MW 08:20 AM-09:45 AM LB 310 02/21-06/16  
 32732 Tate, E. TR 05:25 PM-06:50 PM LB 101 02/21-06/16

**PSY 205 Developmental Psychology 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 Developmental psychology is the scientific study of progressive changes in behavior, cognition, and abilities. Attention is paid to issues related to the roles of nature and nurture in developmental processes. 54 lecture hours. CSU UC  
 30891 Brown, M. MW 08:20 AM-09:45 AM LB 303 02/21-06/16  
 30872 Kim, A. MW 11:30 AM-12:55 PM LB 306 02/21-06/16  
 30876 Kim, A. MW 01:05 PM-02:30 PM LB 306 02/21-06/16  
 30877 Shaw, T. TR 08:20 AM-09:45 AM LB 301 02/21-06/16  
 32950 Gibson, G. T 07:00 PM-10:10 PM LB 103 02/21-06/16  
 32393 Rizk, S. R 07:00 PM-10:10 PM LH 101 02/21-06/16  
 33147 Levine, B. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students are required to take three exams on campus in the Testing Center.**

**PSY 225 Psychology of Human Sexuality 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An introductory survey of the psychological bases and dimensions of human sexuality with emphasis on the socio-cultural factors involved in intimate relating, sexuality, and loving. 54 lecture hours. CSU UC  
 31310 Brown, M. MW 01:05 PM-02:30 PM LB 301 02/21-06/16  
 32042 Gibson, G. MW 05:25 PM-06:50 PM LB 301 02/21-06/16  
 30868 Brown, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
 31097 Brown, R. HRS-ARRG ONLINE 02/21-04/13  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). First 8 weeks.**

**PSY 206 Child Growth and Development 3 Units**

**Public Works**

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**PUB 151 Street Construction and Maintenance 3 Units**

Strongly recommended: PUB 150; ENGL 099 if required by English placement exam or if required by English 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.  
 32805 Adawiya, I. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**PUB 161 California Occupational Safety and Health 3 Units**

Strongly recommended: ENGL 099 if required by English placement or if required by English level.  
 A course covering California Occupational Safety and Health standards and the National Occupational Safety and Health Act of 1970 as applied to public works. The safety standards for excavations, trenches, tunnels, rock drilling, construction, and hauling equipment, flammable vapors, and toxic substances. 54 lecture hours.  
 33324 Townsell, J. R 06:30 PM-09:40 PM PC 303 02/21-06/16

**PUB 163 Turf and Landscape Management 3 Units**

This course prepares students to enhance the function and aesthetic value of public and private landscapes. Topics include planting, pruning, irrigation, soil fertility, turf, pest management, weed control, and landscape management business practices. 54 lecture hours.  
 32807 Batista, G. W 06:30 PM-09:40 PM PC 303 02/21-06/16

**PUB 164 Plan Interpretation and Cost Estimating 3 Units**

Strongly recommended: ENGL 099 if required by English placement or if required by English level.  
 A course in developing the ability to read and interpret plans and estimate time, material, labor, and equipment needed for public works projects. 54 lecture hours.  
 33325 Adawiya, I. M 06:30 PM-09:40 PM PC 303 02/21-06/16

**PUB 166 Supervision in Public Works 3 Units**

Strongly recommended: ENGL 099 if required by English placement or if required by English level.  
 Fundamentals of supervision focusing on the public works industry. Topics to be covered include planning, communications, employee hiring, on-boarding, professional development, motivating employees, decision making, and disciplinary action. 54 lecture hours.  
 33321 Alba, R. T 06:30 PM-09:40 PM PC 303 02/21-06/16

**Real Estate**

**REAL 210 Real Estate Principles 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 A basic course for those who plan to enter the real estate field vocationally or who desire a background in the subject. Topics include: contracts, economics, history, financing, deeds, leases, and partial preparation for California Real Estate Salesperson License Examination. 54 lecture hours.  
 CSU  
 32175 Paulson, N. MW 11:30 AM-12:55 PM MA 125 02/21-06/16  
 32880 Byerly, C. R 06:00 PM-09:10 PM LB 207 02/21-06/16  
 30101 Ghidella, R. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**  
**ON-CAMPUS REQUIREMENTS: Students required to take exams on campus.**  
 33237 Ghidella, R. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

**REAL 212 Real Estate Practice 3 Units**

Strongly recommended: REAL 210; ENGL 099 if required by English placement exam or if required by English level.  
 This course covers office procedures and practices in listing agreements, conflicts in agency, escrow, disclosures, and requirements for a real estate exchange. 54 lecture hours. CSU  
 32881 Paulson, N. TR 11:30 AM-12:55 PM MA 125 02/21-06/16  
 33427 Paulson, N. HRS-ARRG ONLINE 02/21-06/16  
**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe)**

**REAL 216 Legal Aspects of Real Estate 3 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 An introductory course designed to acquaint the student with the legal aspects and current laws pertaining to real estate. This course if required to obtain California Real Estate Broker License. 54 lecture hours. CSU  
 33171 Byerly, C. T 06:00 PM-09:05 PM LB 207 02/21-04/13  
 Byerly, C. HRS-ARRG ONLINE 02/21-04/13  
**ONLINE EDUCATION HYBRID CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: Class will meet every Tuesday. Online work also required.**

**REAL 224 Escrow I 3 Units**

Strongly recommended: ENGL 099 if required by English exam or if required by English level.  
 Escrow procedure involving processing real estate sales, loan, and business escrows; drawing and processing of documents, title search, title reports, prorations, legal requirements, and closing procedures. 54 lecture hours.  
 CSU  
 33174 Byerly, C. T 06:00 PM-09:05 PM LB 207 04/23-06/16  
 Byerly, C. HRS-ARRG ONLINE 04/23-06/16  
**ONLINE EDUCATION HYBRID CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: Class will meet every Tuesday. Online work also required.**

**Recording Technology**

**REC 100 Survey of Entertainment Technology 4 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course is an introduction to conventional and online entertainment technology. Includes exploring the content and creation of recorded music, television, radio, live theatre, film, video and electronic gaming: lecture, demonstration, field trips and guest professionals; media creation. 72 lecture hours. CSU  
 30690 O'Hara, S. MWF 01:05 PM-02:20 PM PA 133 02/21-06/16

**REC 103 Introduction to Audio Engineering 4 Units**

Strongly recommended: ENGL 099 if required by English placement exam or if required by English level.  
 This course is an introduction to the current technology, terminology and techniques used in audio engineering for recorded music, video and online media. Includes the history of audio, basic audio electronics, microphones, consoles, computer-based production systems and related signal processors. 54 lecture hours, 54 lab hours. CSU  
 30691 McMillan, G. MW 08:05 AM-09:45 AM VA 132 02/21-06/16  
 McMillan, G. MW 11:30 AM-12:55 PM VT 319 02/21-06/16  
 31967 McMillan, G. MW 09:55 AM-11:20 AM VT 208 02/21-06/16  
 McMillan, G. MW 02:40 PM-04:20 PM VA 132 02/21-06/16

**REC 105 Fundamentals of Audio Technology 4 Units**

Prerequisite: REC 100, 103, 140.  
 This course is an introduction to audio technologies and recording techniques. Units include computer basics for audio production, the production console, microphones, digital recording systems, signal processing, studio techniques. 54 lecture hours, 72 lab hours. CSU  
 30692 Tyck, R. TR 09:00 AM-10:25 AM VT 320 02/21-06/16  
 Tyck, R. T 01:50 PM-06:15 PM VT 320 02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**REC 106 Introduction to Touring Technology 4 Units**

A course designed for musicians to prepare concerts, touring for concerts and other special events with recording arts technology needs. Audio basics, lighting basics, communications, touring and safety are covered. 54 lecture hours, 54 lab hours.

33402	O'Hara, S.	TR	08:05 AM-09:45 AM	PA 192	02/21-06/16
	O'Hara, S.	TR	01:05 PM-02:30 PM	PA 192	02/21-06/16

**REC 115 Recording Studio Workshop I 4 Units**

Prerequisites: REC 100, 103, 140.

This applied workshop course provides an introduction to basic audio hardware, software and recording techniques. Units include digital audio workstation set-up and operation, basic microphone techniques, software and hardware-based recording and mixing. 54 lecture hours, 72 lab hours. CSU

30693	Tyck, R.	TR	10:30 AM-11:55 AM	VT 320	02/21-06/16
	Tyck, R.	R	01:50 PM-05:35 PM	VT 320	02/21-06/16

**REC 125 Digital Audio Technology I 3 Units**

Prerequisite: REC 100, 103, 140.

Strongly recommended: SPCH 100 or have passed a Multiple Measures Skills assessment.

This course is the study and implementation of MIDI technology in the audio recording industry. The course covers standard software sequencers, controllers, modules, soft-synths and applications of the technology in the industry. 54 lecture hours, 36 lab hours. CSU

30694	Alverson, D.	MW	09:55 AM-11:20 AM	VT 320	02/21-06/16
	Alverson, D.	F	09:15 AM-10:35 AM	VT 320	02/21-06/16

**REC 135 Live Sound Reinforcement 4 Units**

Corequisite: REC 105 or THEA 120.

This course focuses on the essential elements of sound reinforcement: acoustics, sound equipment and mixing techniques. Major subject areas are acoustics, microphones, live sound consoles, speakers, placement, mixing and

the cumulative effects to the final sonic product. 54 lecture hours, 72 lab hours. CSU

30695	Deatrick, S.	MWF	12:10 PM-01:00 PM	VT 208	02/21-06/16
	Deatrick, S.	F	01:30 PM-03:35 PM	VT 117	02/21-06/16
	Deatrick, S.	S	09:00 AM-11:05 AM	VT 117	02/21-06/16

**REC 140 Music Theory for Engineers 3 Units**

An introductory course in music theory for the Recording Technology major. A study of the elements of music including melody, rhythm, chords, musical forms, and related concepts. Music notation, terminology and score reading are

emphasized. 54 lecture hours. CSU

30696	Alverson, D.	MW	02:40 PM-04:05 PM	VA 231	02/21-06/16
31968	Shima, K.	MW	08:20 AM-09:45 AM	VT 215	02/21-06/16

**REC 145 Critical Listening Skills for Engineers 3 Units**

Prerequisites: REC 100, 103, 140, and have passed a Multiple Measures Skills assessment.

Corequisites: REC 105, 115, 125, 135.

A course in aural skills development for recording engineers. This class will focus on music, acoustic and electronic timbres, general instrument ranges and sonic properties, blend, balance, equalization, panning, reverb, compression, limiting and other tools used in the recording process. 54 lecture hours. CSU

30697	Boylan, J.	MW	01:20 PM-02:45 PM	RA 111	02/21-06/16
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**REC 205 Advanced Audio Technology 4 Units**

Prerequisites: REC 105, 115, 125, 135, 145.

Corequisites: REC 215, 225, 235, 245.

This course is an advanced study of new technologies and techniques in multi-track recording, editing and mixing, as well as surround recording and mixing for post-production. 54 lecture hours, 72 lab hours. CSU

30698	McMillan, G.	TR	01:30 PM-02:55 PM	RA 111	02/21-06/16
	McMillan, G.	T	08:30 AM-12:55 PM	RA 111	02/21-06/16

**REC 215 Recording Studio Workshop II 4 Units**

Prerequisites: REC 105, 115, 125, 135, 145.

Corequisites: REC 205, 225, 235, 245.

This course is a project-based course intended to solidify the core principles of audio. Projects will include recording, mixing and mastering, post-production and surround mixing techniques. 54 lecture hours, 72 lab hours. CSU

30699	McMillan, G.	TR	03:05 PM-04:30 PM	RA 111	02/21-06/16
	McMillan, G.	R	08:30 AM-12:45 PM	RA 111	02/21-06/16

**REC 225 Digital Audio Technology II 4 Units**

Prerequisites: REC 105, 115, 125, 135, 145.

Corequisites: REC 205, 215, 235, 245.

This course focuses on the detailed workings of digital audio workstations as a whole, and specifically on the ProTools platform. This is a detailed class in all aspects of digital audio inclusive of tracking, mixing, troubleshooting, and plug-ins. 54 lecture hours, 72 lab hours. CSU

30700	Cowgill, D.	M	02:50 PM-06:00 PM	VT 320	02/21-06/16
	Cowgill, D.	W	02:50 PM-07:00 PM	VT 320	02/21-06/16

**REC 235 Acoustics for Engineers 3 Units**

Prerequisites: REC 105, 115, 125, 135, 145.

Corequisites: REC 205, 215, 225, 245.

This course is a study of Acoustics principles and the physics of sound. It includes sound propagation, hearing and sound perception, room resonances, acoustic calculations, studio design and acoustical treatments. 54 lecture hours. CSU

30701	Shima, K.	MW	09:55 AM-11:15 AM	RA 111	02/21-06/16
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**REC 245 Music Business/ Audio Careers 3 Units**

Prerequisites: REC 105, 115, 125, 135, 145.

Corequisites: REC 205, 215, 225, 235.

This is a survey focusing on the practices and procedures of record companies, publishing companies, performing rights societies, and unions. The course will also study the processes of record and film production, as well as, career opportunities in these fields. Also includes an introduction to further courses of study in a targeted audio field. 54 lecture hours. CSU

30702	Boylan, J.	MW	11:30 AM-12:55 PM	RA 111	02/21-06/16
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**REC 255 Live Sound Workshop 4 Units**

Prerequisite: REC 135.

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

This course focuses on further concepts in sound reinforcement; mixing skills, system troubleshooting, sound system design for different types of venues, audio editing for live applications and live recording. 54 lecture hours, 72 lab hours. CSU

30703	Deatrick, S.	MWF	01:10 PM-02:00 PM	VT 208	02/21-06/16
	Deatrick, S.	F	10:55 AM-01:00 PM	VT 117	02/21-06/16
	Deatrick, S.	S	11:15 AM-01:20 PM	VT 117	02/21-06/16

**Science Tech Engr & Math**

**STEM 698A Cooperative Education in STEM 1 Units**

Prerequisite: Instructor permission; student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

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

A course designed to assist students in planning and accomplishing meaningful learning objectives related to a STEM discipline during an internship or volunteer experience. Credit may be accrued at the rate of 1 to 6 units per semester for a maximum of 16 units. Students must work 75 paid hours or 60 non-paid hours per unit earned. 60 lab hours arranged. CSU

33443	Kary, D.		HRS-ARRG		06/16-06/25
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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## Sociology

### SOC 114 Marriage, Family, and Intimate Relations 3 Units

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

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

32055	Bradley, A.	MW	08:20 AM-09:45 AM	PC 314	02/21-06/16
32034	Bradley, A.	MW	11:30 AM-12:55 PM	LB 302	02/21-06/16
32057	Lopez, E.	MW	01:05 PM-02:30 PM	LH 103	02/21-06/16
30862	Samoff, S.	TR	09:55 AM-11:20 AM	LB 302	02/21-06/16
30859	Samoff, S.	TR	11:30 AM-12:55 PM	LB 302	02/21-06/16
32733	Rodriguez, A.	W	07:00 PM-10:10 PM	LB 204	02/21-06/16
33273	Samoff, S.	HRS-ARRG	ONLINE	02/21-06/16	

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

30864	White, G.	HRS-ARRG	ONLINE	02/21-06/16	
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

### SOC 118 Minorities in America 3 Units

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

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

32386	Rodriguez, A.	R	07:00 PM-10:10 PM	LB 306	02/21-06/16
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### SOC 201 Introduction to Sociology 3 Units

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

An emphasis is placed on the study of the basic structure of human society, the main forces that hold groups together or weaken them, conditions that transform social life, and basic social concepts. 54 lecture hours. CSU UC

30856	Samoff, S.	MW	09:55 AM-11:20 AM	LB 310	02/21-06/16
30920	Samoff, S.	MW	11:30 AM-12:55 PM	LB 310	02/21-06/16
33135	Rodriguez, A.	MW	05:25 PM-06:50 PM	LB 204	02/21-06/16
30854	White, G.	TR	08:20 AM-09:45 AM	LB 103	02/21-06/16
33154	Mozzini, A.	TR	09:55 AM-11:20 AM	LB 103	02/21-06/16

**Low Cost/No Cost Textbook.**

32395	Lopez, E.	TR	01:05 PM-02:30 PM	LH 103	02/21-06/16
31074	Lopez, E.	R	07:00 PM-10:10 PM	LB 204	02/21-06/16
30857	White, G.	HRS-ARRG	ONLINE	02/21-06/16	

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

33272	Samoff, S.	HRS-ARRG	ONLINE	02/21-06/16	
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

31273	White, G.	HRS-ARRG	ONLINE	04/23-06/16	
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**ONLINE EDUCATION SHORT TERM CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). Second 8 weeks.**

### SOC 202 Contemporary Social Problems 3 Units

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

Emphasis is placed on American society and social problems. Special attention is given to the causes and effects of social problems. Course content includes research, field observation studies, seminar discussion with special resource professionals. 54 lecture hours. CSU UC

32035	Mozzini, A.	TR	08:20 AM-09:45 AM	LB 104	02/21-06/16
31751	White, G.	TR	11:30 AM-12:55 PM	LB 103	02/21-06/16

**Strongly recommended for Veterans.**

30850	White, G.	HRS-ARRG	ONLINE	02/21-06/16	
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

### SOC 220 Introduction to Gender 3 Units

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

This course is an introduction to the sociological analysis of gender in contemporary American society. It focuses on macro level analyses of how institutions shape gender and micro level analyses of how individuals are socialized and how they "do" and practice gender. 54 lecture hours. CSU UC

32734	White, G.	W	03:40 PM-06:50 PM	LB 303	02/21-06/16
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## Spanish

### SPAN 101 Spanish I 5 Units

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

A course in elementary Spanish grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing (including spelling) simple Spanish and serves as an introduction to the geography, history, and culture of the Spanish-speaking world. 90 lecture hours. CSU UC

32479	Gonzalez Bohorquez, MW		07:15 AM-09:45 AM	CI 158	02/21-06/16
30147	Guillen, N.	TR	07:15 AM-09:45 AM	TC 127	02/21-06/16
30146	Gonzalez Bohorquez, MW		09:55 AM-12:25 PM	CI 158	02/21-06/16
30151	Reyes, A.	TR	09:55 AM-12:25 PM	CI 158	02/21-06/16
30150	Afzali, A.	MW	10:05 AM-12:35 PM	LB 108	02/21-06/16
30149	Afzali, A.	TR	10:05 AM-12:35 PM	LB 108	02/21-06/16
30145	McGarry, A.	MTWR	11:30 AM-12:40 PM	LB 106	02/21-06/16
30143	Afzali, A.	MW	01:05 PM-03:35 PM	LB 108	02/21-06/16
32798	McGarry, A.	TR	01:05 PM-03:35 PM	LB 106	02/21-06/16
30148	Blynn-Avanosian, S.	MW	03:50 PM-06:20 PM	LB 108	02/21-06/16
33329	Garcia, V.	TR	03:50 PM-06:20 PM	LB 108	02/21-06/16
31154	Blynn-Avanosian, S.	MW	07:00 PM-09:30 PM	LB 108	02/21-06/16
31270	Molina, L.	TR	07:00 PM-09:30 PM	LB 106	02/21-06/16
32155	Afzali, A.	T	01:05 PM-03:35 PM	LB 108	02/21-06/16

**ONLINE EDUCATION HYBRID CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

31513 Garate, E. MW 09:15 AM-12:50 PM 02/19-05/10  
**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

### SPAN 102 Spanish II 5 Units

Prerequisite: SPAN 101 OR two years of high school Spanish or equivalent OR basic knowledge of first semester elementary Spanish as determined by the Professor of Record.

Strongly recommended: ENGL 099.

A further study of elementary Spanish grammar and vocabulary that develops understanding, speaking, reading and writing (including spelling) skills. Affords opportunities to apply communication skills to new social, professional, and travel contexts. Explores the cultural heritage and civilization of Spain and Latin America through technology and level-appropriate readings. The class will be taught primarily in Spanish. 90 lecture hours. CSU UC

30154	Reyes, A.	TR	07:15 AM-09:45 AM	CI 158	02/21-06/16
31176	McGarry, A.	MTWR	09:55 AM-11:05 AM	LB 106	02/21-06/16
31885	Garcia, V.	TR	07:00 PM-09:30 PM	P1 103	02/21-06/16
31514	Garate, E.	TR	09:15 AM-12:50 PM		02/19-05/10

**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**



Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**SPAN 102H Spanish II - Honors 5 Units**

Prerequisite: SPAN 101 or SPAN 101H or two years of high school Spanish; Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

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

A further study of elementary Spanish grammar and vocabulary that develops understanding, speaking, reading and writing (including spelling) skills. Affords opportunities to apply communication skills to new social, professional, and travel contexts. Explores the cultural heritage and civilization of Spain and Latin America through technology and level-appropriate readings. The class will be taught primarily in Spanish. In addition, students are expected to work and participate at an honors level which includes strong critical thinking skills, analysis of cultural readings, and presentation and leadership skills demonstrated through class participation and presentations. 90 lecture hours. CSU UC

33168	McGarry, A.	MTWR	09:55 AM-11:05 AM	LB 106	02/21-06/16
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**SPAN 127 Spanish Civilization 3 Units**

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

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

33348	Garate, E.	TR	04:35 PM-06:45 PM		02/19-05/10
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**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPAN 140 Beginning Conversational Spanish 3 Units**

Prerequisite: SPAN 101 or one year of high school Spanish.

This course is designed for students who wish to improve their oral speaking skills and expand their vocabulary in Spanish. 54 lecture hours. CSU

33436	Garate, E.	TR	02:10 PM-04:20 PM		02/19-05/10
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**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPAN 141 Intermediate Conversational Spanish 3 Units**

Prerequisite: SPAN 102 or two years of high school Spanish.

This course is designed for students who wish to further improve their oral proficiency in Spanish. 54 lecture hours. CSU

31588	Garate, E.	TR	02:10 PM-04:20 PM		02/19-05/10
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**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPAN 201 Spanish III 5 Units**

Strongly recommended: SPAN 102 or fluency in Spanish; ENGL 099 if required by English placement exam or if required by English level.

This intermediate level course was created with both native Spanish speakers and students studying Spanish as a second language in mind.

Current social themes and vocabulary support a comprehensive review of Spanish grammar. The discussion of contemporary cultural topics, the reading of authentic texts, and the development of writing skills are all features of this class that help all intermediate Spanish students to refine and enjoy using their language skills. Class is conducted primarily in Spanish. Note that Spanish III and IV do not need to be taken in order. 90 lecture hours. CSU UC

31805	Guillen, N.	TR	09:55 AM-12:25 PM	TC 127	02/21-06/16
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31515	Garate, E.	MW	09:15 AM-12:50 PM		02/19-05/10
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**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPAN 202 Spanish IV 5 Units**

Prerequisite: SPAN 201 or fluency in Spanish.

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

This intermediate level course was designed for both native Spanish speakers and students studying Spanish as a second language.

Contemporary cultural

topics and vocabulary will provide a context for the study of higher level Spanish grammar. Meaningful readings and the refinement of writing skills will help

students to further develop their cultural and linguistic competence. This interactive course is conducted primarily in Spanish. 90 lecture hours. CSU UC

31806	Guillen, N.	TR	09:55 AM-12:25 PM	TC 127	02/21-06/16
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31516	Garate, E.	TR	09:15 AM-12:50 PM		02/19-05/10
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**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPAN 210 Intermediate Spanish for Spanish Speakers I 5 Units**

Prerequisite: Oral fluency in Spanish.

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

A course designed to help students who are fluent in spoken, informal Spanish, but who need to improve writing, reading and grammar skills.

Emphasis on acquiring formal oral Spanish skills and a knowledge of Spanish and Latin American literature and culture. 90 lecture hours. CSU UC

32401	Garate, E.	MW	09:15 AM-12:50 PM		02/19-05/10
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**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPAN 211 Intermediate Spanish for Spanish Speakers II 5 Units**

Prerequisite(s): Oral fluency in Spanish.

Strongly recommended: SPAN 210; ENGL 099 if required by English placement or if required by English 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

33328	Afzali, A.		HRS-ARRG	ONLINE	02/21-06/16
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**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**Speech**

**SPCH 100 Interpersonal Communication 3 Units**

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

Introduction to interpersonal communication: verbal and non-verbal face-to-face interactions; understanding messages sent and received;

awareness and resolutions of communication barriers. 54 lecture hours. CSU

33209	Ary, N.	MW	08:20 AM-09:45 AM	LB 203	02/21-06/16
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33179	Roberts, S.	MW	08:20 AM-09:45 AM	ED 235	02/21-06/16
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33208	Ary, N.	TR	08:20 AM-09:45 AM	LB 203	02/21-06/16
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33200	Roberts, S.	MW	09:55 AM-11:20 AM	LI 120	02/21-06/16
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32539	Ary, N.	TR	09:55 AM-11:20 AM	LB 203	02/21-06/16
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30126	Ary, N.	MW	11:30 AM-12:55 PM	P1 104	02/21-06/16
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30125	Kennelley, E.	MW	11:30 AM-12:55 PM	LB 105	02/21-06/16
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30129	Davis, M.	TR	11:30 AM-12:55 PM	P1 104	02/21-06/16
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30128	Culliver, K.	MW	01:05 PM-02:30 PM	LB 304	02/21-06/16
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31945	Davis, M.	TR	01:05 PM-02:30 PM	P1 104	02/21-06/16
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32495	Kennelley, E.	MW	03:50 PM-05:15 PM	P1 103	02/21-06/16
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33201	Tufano, A.	W	07:00 PM-10:10 PM	ED 102	02/21-06/16
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33349	Fincher, J.	MW	02:10 PM-04:20 PM		02/19-05/10
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**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

Note: Course Dates indicate Beginning and Ending Dates

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

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

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

An introductory course in communication and speaking skills, including the selection, preparation, and delivery of speeches for various/diverse audiences and situations. The goal will be the achievement of ethical, purposeful, and effective public speaking. 54 lecture hours. CSU UC

32822	Culliver, K.	MW	08:20 AM-09:45 AM	ED 167	02/21-06/16
30159	Nahabedian, S.	TR	08:20 AM-09:45 AM	ED 167	02/21-06/16
30157	Anson, M.	MW	09:55 AM-11:20 AM	P1 103	02/21-06/16
30171	Van Horn, T.	MW	09:55 AM-11:20 AM	ED 205	02/21-06/16
32845	Kennelley, E.	MW	09:55 AM-11:20 AM	TC 127	02/21-06/16
33127	Nahabedian, S.	TR	09:55 AM-11:20 AM	ED 167	02/21-06/16
30164	Siberio, E.	TR	09:55 AM-11:20 AM	P1 103	02/21-06/16
30178	Davis, M.	TR	09:55 AM-11:20 AM	LI 120	02/21-06/16
30166	Anson, M.	MW	11:30 AM-12:55 PM	P1 103	02/21-06/16
30167	Van Horn, T.	MW	11:30 AM-12:55 PM	ED 205	02/21-06/16
30168	Van Horn, T.	TR	11:30 AM-12:55 PM	ED 205	02/21-06/16
30170	Ary, N.	TR	11:30 AM-12:55 PM	P1 103	02/21-06/16
31542	Van Horn, T.	MW	01:05 PM-02:30 PM	ED 205	02/21-06/16
30177	Ary, N.	MW	01:05 PM-02:30 PM	P1 103	02/21-06/16
33223	Nahabedian, S.	TR	01:05 PM-02:30 PM	ED 167	02/21-06/16
32232	Ary, N.	T	02:40 PM-05:50 PM	ED 102	02/21-06/16
30163	Bates, B.	MW	03:50 PM-05:15 PM	ED 167	02/21-06/16
32823	Tufano, A.	MW	04:20 PM-05:45 PM	ED 201	02/21-06/16
33128	Bates, B.	MW	05:25 PM-06:50 PM	ED 167	02/21-06/16
31171	Musallet, O.	TR	05:25 PM-06:50 PM	ED 103	02/21-06/16
32844	Tufano, A.	M	07:00 PM-10:10 PM	LB 203	02/21-06/16
31138	Musallet, O.	T	07:00 PM-10:10 PM	ED 205	02/21-06/16
31172	Bates, B.	W	07:00 PM-10:10 PM	ED 167	02/21-06/16
32233	Musallet, O.	R	07:00 PM-10:10 PM	ED 102	02/21-06/16
30175	Van Horn, T.	T	01:05 PM-02:30 PM	ED 205	02/21-06/16
	Van Horn, T.		HRS-ARRG	ONLINE	02/21-06/16

**ONLINE EDUCATION HYBRID CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: Class will meet every Tuesday, 1:05 - 2:30 pm in ED 205. Online work also required.**

31541 Ary, N. HRS-ARRG ONLINE 02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: ORIENTATION on Thursday, March 1st (2:30-4:30pm); On campus sessions for speeches on Thursdays (2:30-6:00pm) March 22nd, April 12th, May 31st, and Final Exam scheduled for Thursday, June 14th (2:30-4:30pm) in ED 205.**

30180 Van Horn, T. HRS-ARRG ONLINE 02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe). ON-CAMPUS REQUIREMENTS: Mandatory orientation on February 27, 2018 at 4:00 p.m. - 6:00 p.m. in ED 205. Mandatory on-campus presentations on the following Tuesdays: March 20, April 24, and May 29, 2018 at 4:00 p.m. - 9:00 p.m. in ED 205. Mandatory on-campus final exam June 11, 2018. IF UNABLE TO ATTEND ALL ON-CAMPUS MEETINGS, PLEASE DO NOT REGISTER FOR THIS CLASS.**

33350 Fincher, J. MW 10:40 AM-12:50 PM 02/19-05/10

**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPCH 101H Public Address - Honors 3 Units**

Prerequisite: Student must be eligible for the Citrus College Honors Program or obtain a recommendation from an Honors instructor.

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

This is an honors introductory course in public speaking skills, including research, reasoning, organization, composition, presentation, and evaluation of informative and persuasive speeches for various audiences and situations. The goal will be the achievement of ethical, purposeful, and effective public speaking. Students are expected to work and participate at an honors level which includes strong critical thinking skills, thorough analysis of readings, presentation and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU UC

30158	Van Horn, T.	TR	09:55 AM-11:20 AM	ED 205	02/21-06/16
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**SPCH 103 Argumentation and Debate 3 Units**

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

Basic theories, principles, and methods for various levels and forms of argumentation and debate. Preparation and presentation of practice debates on current issues. 54 lecture hours. CSU UC

31471	Siberio, E.	TR	11:30 AM-12:55 PM	IS 110	02/21-06/16
33452	Moscozo, R.	MW	11:30 AM-12:55 PM	LB 308	02/21-06/16
33351	Fincher, J.	TR	08:30 AM-10:40 AM		02/19-05/10

**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**SPCH 106 Small Group Communication 3 Units**

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

Principles, techniques, and uses of discussion in contemporary society. Training and practice in informal group discussion, panel discussion, symposium and forum. Emphasis on collaborative decision-making. 54 lecture hours. CSU UC

30142	Culliver, K.	MW	09:55 AM-11:20 AM	ED 165	02/21-06/16
33202	Siberio, E.	TR	01:05 PM-02:30 PM	LB 203	02/21-06/16
33352	Fincher, J.	MW	04:35 PM-06:45 PM		02/19-05/10

**STUDY ABROAD CLASS. Official acceptance to the Study Abroad program is required in order to register for this class.**

**Theatre Arts**

**THEA 101 Introduction to Theatre Arts 3 Units**

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

Background and foundation for appreciation and evaluation of theatre arts. Course will include a study of dramatic structure, history of the theatre, plays and playwrights, and a study of contemporary theatre production. 54 lecture hours. CSU UC

31290	Volonte, D.	TR	09:55 AM-11:20 AM	VA 231	02/21-06/16
31982	Volonte, D.	R	07:00 PM-10:10 PM	VA 231	02/21-06/16
32311	Volonte, D.		HRS-ARRG	ONLINE	02/21-06/16

**ONLINE EDUCATION CLASS. For success tips, see [www.citruscollege.edu/oe](http://www.citruscollege.edu/oe).**

**THEA 104A Voice and Movement for the Actor I - Beginning 3 Units**

Strongly recommended: THEA 201; ENGL 099 if required by English placement exam or if required by English level.

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

32343	Buuck, J.	R	03:50 PM-06:55 PM	VT 117	02/21-06/16
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**THEA 104B Voice and Movement for the Actor II - Intermediate 3 Units**

Prerequisite: THEA 104A.

An intermediate course in vocal anatomy, physiology and phonetics with a deeper exploration of how the voice and body work. A more detailed look at how the voice, body and text combine to create complex characters for performance. 54 lecture hours. CSU UC

33400	Buuck, J.	R	03:50 PM-06:55 PM	VT 117	02/21-06/16
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**THEA 120 Introduction to Tech for Theatre, TV and Film 3 Units**

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

An introduction to the technical areas of lighting, scenery, sound and costumes for theatre, film and television. Field trips include area theatres and studios. 54 lecture hours. CSU UC

32312	Volonte, D.	TR	02:40 PM-04:05 PM	PA 193	02/21-06/16
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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**THEA 125 Technical Theatre Production 3 Units**

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

A course in which students will gain practical experience while participating in a variety of productions in any of the following: construction crew, scenery crew, properties crew, costume crew, or running crew. 36 lecture hours, 54 lab hours arranged. CSU UC

30704	Volonte, D.	T	11:30 AM-12:35 PM	PA 193	02/21-06/16
	Volonte, D.	R	11:30 AM-12:20 PM	PA 193	02/21-06/16
	Volonte, D.	HRS-ARRG			02/21-06/16

+ 54 TOTAL HRS ARR. G.

**THEA 126 Technical Theatre Technician 3 Units**

Prerequisite: THEA 125.

A course in which students will gain practical experience while participating in a variety of live theatre productions in any of the following: lighting crew, sound crew, or rigging and automation crew. 36 lecture hours, 54 lab hours. CSU

32593	Volonte, D.	T	11:30 AM-12:35 PM	PA 193	02/21-06/16
	Volonte, D.	R	11:30 AM-12:20 PM	PA 193	02/21-06/16

+ 54 TOTAL HRS ARR. G.

**THEA 127 Technical Theatre Crew Lead 3 Units**

Prerequisite: THEA 126.

A course in which students will gain practical crew lead experience while participating in a variety of productions in any of the following: lighting crew lead, sound crew lead, running crew lead, or rigging and automation crew lead. 36 lecture hours, 54 lab hours.

32907	Volonte, D.	T	11:30 AM-12:35 PM	PA 193	02/21-06/16
	Volonte, D.	R	11:30 AM-12:20 PM	PA 193	02/21-06/16

+ 54 TOTAL HRS ARR. G.

**THEA 145 Anatomy of Intelligent Lighting Instruments 3 Units**

Prerequisites: THEA 120 and THEA 140.

The study, dissection and manipulation of intelligent lighting instruments and their use in various aspects of the entertainment field. 54 lecture hours, 18 lab hours arranged. CSU

32285	Vilter, D.	R	05:25 PM-08:35 PM	PA 193	02/21-06/16
	Vilter, D.	R	08:45 PM-09:35 PM	PA 193	02/21-06/16

+ 18 TOTAL HRS ARR. G.

**THEA 150 Introduction to Intelligent Lighting Consoles 3 Units**

Prerequisite: THEA 120 and THEA 140.

The study, manipulation and application of intelligent lighting consoles and their use in various aspects of the entertainment field. 54 lecture hours, 18 lab hours arranged. CSU UC

30705	Volonte, D.	TR	01:05 PM-02:30 PM	VT 208	02/21-06/16
	Volonte, D.	U	11:30 AM-12:20 PM	PA 181	02/21-06/16

+ 18 TOTAL HRS ARR. G.

**THEA 201 Stage Acting I - Beginning 3 Units**

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

A beginning level performance class with an introduction to the Stanislavski Method of Acting. Provides a beginning in memorization, stage movement, vocal production and interpretation of text. 54 lecture hours, 36 lab hours. CSU UC

30706	Brown, C.	MW	11:30 AM-12:55 PM	PA 193	02/21-06/16
	Brown, C.	F	11:30 AM-12:50 PM	PA 193	02/21-06/16
30707	Brown, C.	MW	09:55 AM-11:20 AM	PA 193	02/21-06/16
	Brown, C.	F	08:20 AM-09:40 AM	PA 193	02/21-06/16

**THEA 202 Stage Acting II - Intermediate 3 Units**

Prerequisite: THEA 201 or Audition.

An extension of the concepts as introduced in THEA 201. A more in-depth approach to contemporary theatre using the Stanislavski method as well as other methods of acting in character and scene study and analysis. Students may perform in an Acting Showcase at semester's end. 54 lecture hours, 26 lab hours. CSU UC

30709	Brown, C.	MW	09:55 AM-11:20 AM	PA 193	02/21-06/16
	Brown, C.	F	08:20 AM-09:40 AM	PA 193	02/21-06/16
32286	Brown, C.	MW	11:30 AM-12:55 PM	PA 193	02/21-06/16
	Brown, C.	F	11:30 AM-12:50 PM	PA 193	02/21-06/16

**THEA 204A Stage and Screenwriting - Beginning 3 Units**

Strongly recommended: ENGL 101 or ENGL 101H.

Beginning playwrights and screenwriters discover the basic craft of creating scripts for stage, screen, and television. Focus is on short films and on writing Act I of a full-length play or screenplay. 54 lecture hours, 18 lab hours. CSU UC

32293	Weiss, N.	M	07:00 PM-10:10 PM	PA 192	02/21-06/16
	Weiss, N.	M	10:20 PM-11:10 PM	PA 192	02/21-06/16

**THEA 204B Stage and Screenwriting - Intermediate 3 Units**

Prerequisite: THEA 204A.

A more detailed study of the fundamental techniques required in creating scripts for stage, screen and television. Focus is on short films and on writing Act II of a full-length play or screenplay. 54 lecture hours, 18 lab hours. CSU UC

32294	Weiss, N.	M	07:00 PM-10:10 PM	PA 192	02/21-06/16
	Weiss, N.	M	10:20 PM-11:10 PM	PA 192	02/21-06/16

**THEA 204C Stage and Screenwriting - Intermediate/Advanced 3 Units**

Prerequisite: THEA 204B.

A further exploration of the skills developed in Stage and Screenwriting 204 A and B. Focus is on writing Act III of a full-length play or screenplay and creating a dramatic story with a fully realized beginning, middle and end. 54 lecture hours, 18 lab hours. CSU UC

32561	Weiss, N.	M	07:00 PM-10:10 PM	PA 192	02/21-06/16
	Weiss, N.	M	10:20 PM-11:10 PM	PA 192	02/21-06/16

**THEA 204D Stage and Screenwriting - Advanced 3 Units**

Prerequisite: THEA 204C.

A deeper exploration of the skills developed in Stage and Screenwriting 204 A, B & C. Focus is on original script rewrites and an introduction to writing for Television. 54 lecture hours, 18 lab hours. CSU UC

33144	Weiss, N.	M	07:00 PM-10:10 PM	PA 192	02/21-06/16
	Weiss, N.	M	10:20 PM-11:10 PM	PA 192	02/21-06/16

**THEA 205 Stage Acting III - Intermediate/Advanced 3 Units**

Prerequisite: THEA 202.

An extension of the concepts as introduced in THEA 201 and 202. Creating roles through intensive scene and monologue study. Approaches to individual actor problems. Students may perform in an Acting Showcase at semester's end. 54 lecture hours, 36 lab hours. CSU UC

32287	Brown, C.	MW	01:05 PM-02:30 PM	PA 193	02/21-06/16
	Brown, C.	F	02:40 PM-04:00 PM	PA 193	02/21-06/16

**THEA 206 Stage Acting IV - Advanced 3 Units**

Prerequisite: THEA 205.

An extension of the concepts as introduced in THEA 201, 202 and 205. A more detailed breakdown of the basic concepts in the Stanislavski System. A focus on creating more nuanced characterizations. Students will perform in an Acting Showcase at semester's end. 54 lecture hours, 36 lab hours. CSU UC

32288	Brown, C.	MW	01:05 PM-02:30 PM	PA 193	02/21-06/16
	Brown, C.	F	02:40 PM-04:00 PM	PA 193	02/21-06/16

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CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**THEA 210 Rehearsal and Performance in Production 3 Units**

Prerequisite: Audition.

Participation in the production of a full length play for public performance. Productions will be entered into the American College Theatre Festival for adjudication and competition. This course may be taken four times. 18 lecture hours, 108 lab hours. CSU UC

32903	Shrope, D.	M	07:00 PM-09:15 PM	PA 133	02/21-04/13
	Shrope, D.	S	03:00 PM-09:30 PM	PA 133	02/21-04/13
	Shrope, D.	U	09:30 AM-05:50 PM	PA 133	02/21-04/13

**AUDITION REQUIRED on Thursday, February 22, 2018 at 6:00p.m. on the main stage of the Haugh Performing Arts Center. For additional information contact Doug Austin at daustin@citruscollege.edu. This course does not have a wait list.**

32904	Hinrichsen, G.	M	07:00 PM-09:15 PM	VT 323	02/21-04/13
	Hinrichsen, G.	S	03:00 PM-09:30 PM	VT 323	02/21-04/13
	Hinrichsen, G.	U	09:30 AM-05:50 PM	VT 323	02/21-04/13

**AUDITION REQUIRED on Thursday, February 22, 2018 at 6:00p.m. on the main stage of the Haugh Performing Arts Center. For additional information contact Doug Austin at daustin@citruscollege.edu. This course does not have a wait list.**

30720	Lewis, J.	S	10:25 AM-11:50 AM	PA 193	03/12-06/16
	Lewis, J.	S	12:00 PM-09:35 PM	PA 193	03/12-06/16

**AUDITION REQUIRED. An audition sign-up sheet will be posted by the Little Theatre, PA 181. Course does not have waitlist.**

**THEA 211A Camera Acting I - Beginning 3 Units**

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

The practice and study of the fundamental techniques required in acting before the camera in film and television in contrast to the variance from stage work.

Students will address areas of non-verbal imagination work and movement for the camera; the structure of film and television settings; marketing strategies;

"green screen" performance and improvisation techniques. 54 lecture hours,

36 lab hours. CSU UC

32295	Weiss, N.	T	07:00 PM-10:10 PM	PA 192	02/21-06/16
	Weiss, N.	T	10:20 PM-11:35 PM	PA 192	02/21-06/16

**THEA 211B Camera Acting II - Intermediate 3 Units**

Prerequisite: THEA 211A.

A more detailed study of the fundamental techniques required in acting before

the camera in film and television in contrast to the variance from stage work.

Students will address areas of scripted monologues, blocking, memorization, basic audition techniques, voice-overs, ADR techniques and the concept of Continuity. 54 lecture hours, 36 lab hours. CSU UC

32296	Weiss, N.	T	07:00 PM-10:10 PM	PA 192	02/21-06/16
	Weiss, N.	T	10:20 PM-11:35 PM	PA 192	02/21-06/16

**THEA 211C Camera Acting III - Intermediate/Advanced 3 Units**

Prerequisite: THEA 211B.

A build upon the skills developed in content introduced in Camera Acting I and II. A more intense and comprehensive introduction to specific performance, terminology, working in studio and on location front-of-camera experience. Skills addressed are given circumstances, casting/director workshops, and the division of labor on television and film sets. 54 lecture hours, 36 lab hours. CSU UC

32297	Weiss, N.	T	07:00 PM-10:10 PM	PA 192	02/21-06/16
	Weiss, N.	T	10:20 PM-11:35 PM	PA 192	02/21-06/16

**THEA 211D Camera Acting IV - Advanced 3 Units**

Prerequisite: THEA 211C.

A build upon the skills developed in content introduced in Camera Acting I, II and III. An introduction to multi-camera situations - soap opera, sitcom and film. Group projects coordinating all the elements in a film and/or television setting. 54 lecture hours, 36 lab hours. CSU UC

32562	Weiss, N.	T	07:00 PM-10:10 PM	PA 192	02/21-06/16
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Weiss, N.	T	10:20 PM-11:35 PM	PA 192	02/21-06/16
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**THEA 221 Theatre Practicum/Special Projects I - Physical Life 3 Units**

Prerequisite: Audition.

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

Methods and techniques of storytelling using a variety of scripted material to enhance and enrich characterization 18 lecture hours, 108 lab hours. CSU UC

33386	Brown, C.	S	10:25 AM-11:50 AM	PA 193	03/12-06/16
	Brown, C.	S	12:00 PM-09:35 PM	PA 193	03/12-06/16

**AUDITION REQUIRED. An audition sign-up sheet will be posted by the Little Theatre, PA 181. This course does not have a wait list.**

**THEA 222 Theatre Practicum/Special Projects II - Storytelling 3 Units**

Prerequisite: Audition.

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

Developing the actor's free and responsive body through character study. A personal in-depth approach to creating character from the external to the internal through improvisation and physical exercises. 18 lecture hours, 108 lab hours. CSU UC

33387	Brown, C.	S	10:25 AM-11:50 AM	PA 193	03/12-06/16
	Brown, C.	S	12:00 PM-09:35 PM	PA 193	03/12-06/16

**AUDITION REQUIRED. An audition sign-up sheet will be posted by the Little Theatre, PA 181. This course does not have a wait list.**

**THEA 226 Concert Touring Technician 3 Units**

Prerequisites: THEA 125.

A course in which students will gain practical experience while participating in a variety of concert productions in any of the following: prep crew, load in crew, running crew, strike crew, lighting crew, or sound crew. 18 lecture hours, 108 lab hours arranged. CSU

32908	Lewis, J.	T	04:15 PM-05:20 PM	PA 193	02/21-06/16
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**+ 108 TOTAL HRS ARR.**

**THEA 227 Concert Touring Production 3 Units**

Prerequisite: THEA 226.

A course in which students will gain practical experience while participating in a variety of concert touring productions in any of the following: assistant project coordinator, assistant lighting designer, audio assistant, or assistant master electrician. 18 lecture hours, 108 lab hours arranged. CSU

32909	Lewis, J.	T	04:15 PM-05:20 PM	PA 193	02/21-06/16
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**+ 108 TOTAL HRS ARR.**

**THEA 240 Introduction to Live Video Event Production 3 Units**

Prerequisite: THEA 120 or THEA 140.

An introduction into multi-imaging; digital camera systems; high power video projection from LED scenic video and large screen displays to content delivery systems. 54 lecture hours, 18 lab hours arranged.

32292	Aaronson, K.	M	09:35 AM-01:05 PM	VT 117	02/21-06/16
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**+ 18 TOTAL HRS ARR.**

**THEA 241A Fundamentals of Stage Direction - Beginning 3 Units**

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

A beginning approach to the director's involvement in play analysis, casting, and rehearsal techniques leading to a performance. Students will receive practical experience in directing short scenes. 54 lecture hours, 26 lab hours. CSU UC

32298	Brown, C.	TR	01:05 PM-02:30 PM	PA 193	02/21-06/16
	Brown, C.	F	02:40 PM-04:00 PM	PA 192	02/21-06/16

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	CRN	Instructor	Days	Time	Room
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**THEA 241B Fundamentals of Stage Direction - Intermediate** **3 Units**

Prerequisite: THEA 241A.

An intermediate approach to the director's involvement in play analysis, casting, and rehearsal techniques leading to a performance. Students will explore character nuance, behavior shifts, rhythm, tempo and build upon staging techniques. 54 lecture hours, 36 lab hours. CSU UC

32299	Brown, C.	TR	01:05 PM-02:30 PM	PA 193	02/21-06/16
	Brown, C.	F	02:40 PM-04:00 PM	PA 192	02/21-06/16

**THEA 270 Introduction to Production Management** **3 Units**

Prerequisite: THEA 120 or concurrent enrollment.

A survey of production management, exploring the relationship between the artistry and the execution of show production in the entertainment industry. 54 lecture hours, 18 lab hours arranged. CSU

32910	Miller, M.	F	07:40 AM-10:50 AM	RA 111	02/21-06/16
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+ 18 TOTAL HRS ARR. G.

**THEA 272 Introduction to Production Management Practicum** **3 Units**

Corequisite: THEA 270.

A practicum course in support of THEA 270 Introduction to Production Management whose primary intention is to equip students with the knowledge necessary to pursue a career in the live entertainment field. 36 lecture hours, 54 lab hours arranged.

33205	Aaronson, K.	M	02:40 PM-05:00 PM	VT 117	02/21-06/16
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+ 54 TOTAL HRS ARR. G.

**THEA 284 Acting Shakespeare** **3 Units**

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

An exploration of Shakespeare's plays and poetry through scene study, monologues, rehearsal, and performance. This course aims to introduce a process and technique for analyzing play scripts and poetry for performance. 54 lecture hours, 18 lab hours. CSU UC

33399	Tyrl, C.	MW	02:40 PM-04:05 PM	PA 193	02/21-06/16
	Tyrl, C.	W	04:15 PM-05:10 PM	PA 193	02/21-06/16

**THEA 292A Special Techniques in Acting - Beginning** **3 Units**

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

Students will begin to critically examine how the Stanislavski Method applies to various genres of theatrical literature. A fundamental examination of how social and cultural influences affect the playwright's choices will be analyzed through scenes and monologues. 54 lecture hours, 26 lab hours. CSU UC

32563	Brown, C.	MW	01:05 PM-02:30 PM	PA 193	02/21-06/16
	Brown, C.	F	02:40 PM-04:00 PM	PA 193	02/21-06/16

**THEA 292B Special Techniques in Acting - Intermediate** **3 Units**

Prerequisite: THEA 292A or Audition.

A more detailed approach in applying the Stanislavski Method to various genres of theatrical literature. A closer examination of how social influences affect the playwright's creative choices through scenes and monologues and short plays. 54 lecture hours, 36 lab hours. CSU UC

32300	Brown, C.	MW	01:05 PM-02:30 PM	PA 193	02/21-06/16
	Brown, C.	F	02:40 PM-04:00 PM	PA 193	02/21-06/16

**THEA 698C Cooperative Education** **3 Units**

Prerequisite: The student must be simultaneously enrolled in a class that relates to the Cooperative Education class.

A course designed to assist students in planning and accomplishing meaningful learning objectives related to theatre arts at their place of volunteer employment or training sites. 180 lab hours arranged.

33221	Volonte, D.	HRS-ARRG			02/21-06/16
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+180 TOTAL HRS ARR. G.

**Water Technology**

**WATR 150 Introduction to Water Systems** **3 Units**

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

A basic course in water distribution and treatment covering water quality control practices, water sources, public health aspects of water regulations, supply, water treatment arithmetic, chemical treatment, filtration, corrosion, disinfection, tastes and odors in water, water system operation and maintenance, valves, pipes, pumps, and meters. The material covered in this course will be helpful to those preparing for the California State Water Resources Control Board (SWRCB) D-1 and D-2 Water Distribution Operator's Certificate examinations and the T-1 Water Treatment Operator's Certificate examination. 54 lecture hours.

30721	Gramling, G.	M	06:00 PM-09:10 PM	PC 314	02/21-06/16
33301	Gramling, G.	W	08:00 AM-11:10 AM	PS 113	02/21-06/16

**WATR 151 Water Resources and Distribution I** **3 Units**

Strongly recommended: WATR 150; MATH 032 or MATH 144.

A course designed for water distribution systems operators. Topics include: water production, types of reservoirs, water lines, pumps, water chemistry, water treatment, arithmetic, chemical treatment, appurtenances, method of installation, repair of facilities, back up theory, and administrative functions behind the distribution system. This course prepares the student for the D2 and D3 Water Distribution Operator's examinations administered by the State Water Resources Control Board. 54 lecture hours.

33302	Gramling, G.	R	08:00 AM-11:10 AM	TE 103	02/21-06/16
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**WATR 153 Water Resources and Distribution II** **3 Units**

Strongly recommended: WATR 150 and WATR 151; MATH 032 or MATH 144.

A course in practical water supply with emphasis on the basic principles of hydraulics. The course will focus on clarifying pressure, head, buoyancy, friction loss, forces, velocity of flow and the size capacity relationship of distribution systems. The study of pump characteristics, sizing of pumps, water chemistry, water treatment, arithmetic, chemical treatment, and efficiency test procedures are included. 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 students for the State Water Resources Control Board D4 and D5 Water Distribution Operator's certification. 54 lecture hours.

30724	Gramling, G.	W	06:00 PM-09:10 PM	PC 314	02/21-06/16
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**WATR 156 Water Treatment I** **3 Units**

Strongly recommended: WATR 150; MATH 032 or MATH 144.

Course covering water resources, water quality, unit operations of water treatment, public health requirements, and the basics of water chemistry and aquatic microbiology. Prepares students for the T1, T2, and T3 Water Treatment Operator's Certificate examinations given by the California State Water Resources Control Board. 54 lecture hours.

30725	Marquez, D.	T	06:30 PM-09:40 PM	LH 102	02/21-06/16
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**WATR 162 Water Use Efficiency I** **3 Units**

This class provides an overview and technical information on the role of the water efficiency coordinator or similar position in the public or private sector. Topics include: water supply and cycle, structure and operations of utilities, regulatory agencies, best management practices, water conservation programs and technologies. This class will prepare the student for the American Water Works Association (AWWA) grade 1 Water Use Efficiency Practitioner Certification. 54 lecture hours.

33303	Gramling, G.	F	08:00 AM-11:10 AM	TE 102	02/21-06/16
33304	Martinez, J.	R	06:30 PM-09:40 PM	PC 314	02/21-06/16