

Note: Course Dates indicate Beginning and Ending Dates

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

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

ACCT 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

20010	Smolin, R.	MW	07:45 AM-09:50 AM	LB 208	08/25-12/15
20017	Borja, P.	MW	10:00 AM-12:05 PM	LB 208	08/25-12/15
20870	Smolin, R.	TR	07:45 AM-09:50 AM	LB 208	08/25-12/15
20026	Borja, P.	TR	12:15 PM-02:20 PM	LB 208	08/25-12/15
20029	Borja, P.	T	06:00 PM-10:15 PM	LB 208	08/25-12/15
20030	Smolin, R.		HRS-ARRG		08/25-12/15

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

ACCT 102 Managerial Accounting 4 Units

Prerequisite: ACCT 101 with min. grade of C.

The objectives of this course are to finish reviewing financial accounting concepts and to discuss cost and managerial accounting. Financial accounting concepts such as long-term debt and cash flows will be covered before moving into the area of managerial accounting. Managerial accounting objectives are to provide management and employees timely feedback on the performance of the company operations so that management can plan ahead and make appropriate business decisions. Tools and techniques to evaluate efficiency and profitability such as process costing, break-even analysis, variance analysis and capital budgeting will be reviewed. 72 lecture hours. CSU UC

20033	Borja, P.	MW	12:15 PM-02:20 PM	LB 208	08/25-12/15
20036	Smolin, R.	TR	10:00 AM-12:05 PM	LB 208	08/25-12/15
20046	Smolin, R.		HRS-ARRG		08/25-12/15

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

21336	Borja, P.		HRS-ARRG		08/25-12/15
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DISTANCE EDUCATION CLASS - After registering go to www.citruscollege.edu/de Students required to take exams on campus.

Administration of Justice

AJ 101 Introduction to the Administration of Justice 3 Units

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

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

20134	Gold, P.	MW	09:55 AM-11:20 AM	TE 153	08/25-12/15
20115	Woolum, J.	TR	09:55 AM-11:20 AM	TE 153	08/25-12/15
20872	Wong, K.	M	07:00 PM-10:10 PM	TE 153	08/25-12/15

AJ 102 Concepts of Criminal Law 3 Units

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

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

20167	Woolum, J.	TR	08:20 AM-09:45 AM	TE 153	08/25-12/15
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AJ 103 Legal Aspects of Evidence 3 Units

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

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

21369	Pham, T.		HRS-ARRG		08/25-12/15
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AJ 106 Patrol Procedures 3 Units

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

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

20182	Hunt, S.	R	07:00 PM-10:10 PM	TE 153	08/25-12/15
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AJ 108 Juvenile Procedures 3 Units

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

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

21370	Gold, P.	MW	08:20 AM-09:45 AM	TE 153	08/25-12/15
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AJ 109 Criminal Procedures 3 Units

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

Legal processes from pre-arrest, arrest through trial, sentencing and correctional procedures; a review of the history of case and common law; conceptual interpretations of law as reflected in court decisions; a study of case law methodology and case research as the decisions impact upon the procedures of the justice system. 54 lecture hours. CSU

20818	Dennis, P.	M	03:40 PM-06:50 PM	LB 103	08/25-12/15
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AJ 112 Community Relations 3 Units

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

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

21093	Provencher, H.	MW	03:50 PM-05:15 PM	TE 153	08/25-12/15
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AJ 130 Introduction to Probation and Parole 3 Units

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

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

21368	Provencher, H.	W	07:00 PM-10:10 PM	TE 153	08/25-12/15
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Anthropology

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ANTH 210 Introduction to Cultural Anthropology 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Students will critically examine various societies around the world using basic cultural concepts such as marriage, family, art, food production, political organization, and religion. The class is designed to foster a pluralistic view of the world, teach introductory anthropological concepts, and strengthen critical thinking. College level reading is strongly advised for success in the course. 54 lecture hours. CSU UC

20322	Greenwell Cunni, M.	MW	08:20 AM-09:45 AM	LB 303	08/25-12/15
20343	Greenwell Cunni, M.	MW	09:55 AM-11:20 AM	LB 303	08/25-12/15
20331	Greenwell Cunni, M.	TR	08:20 AM-09:45 AM	LB 303	08/25-12/15
21224	Greenwell Cunni, M.	TR	09:55 AM-11:20 AM	LB 303	08/25-12/15

ANTH 212 Introduction to Physical Anthropology 3 Units

Corequisite: ANTH 212L. Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. An introductory study of the biological origin of humans. The course will emphasize the biology of humans, human evolution, taxonomy, pre human fossil identification, and adaptation to the environment. CONCURRENT ENROLLMENT WITH ANTH 212L IS REQUIRED TO RECEIVE LAB SCIENCE CREDIT. College level reading is highly recommended for success in the course. 54 lecture hours. CSU UC

21404	Greenwell Cunni, M.	HRS-ARRG			08/25-12/15
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DISTANCE EDUCATION CLASS LECTURE SECTION ONLY

Must also register for the lab class, ANTH 212L, CRN 21405.

After registering go to www.citruscollege.edu/de

21345	Salvi, L.	HRS-ARRG			08/25-12/15
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DISTANCE EDUCATION CLASS LECTURE SECTION ONLY

Must also register for the lab class, ANTH 212L, CRN 21346.

After registering go to www.citruscollege.edu/de

ANTH 212L Introduction to Physical Anthropology Lab 1 Units

Corequisite: ANTH 212. Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. This course is the lab component for Introduction to Physical Anthropology 212. In the lab students will have an expanded opportunity to work with anatomy, skeletal identification, taxonomy, and evolutionary trends. Concurrent enrollment with ANTH 212 is required. College level reading is highly recommended for success in the course. 54 lab hours. CSU UC

21405	Greenwell Cunni, M.	HRS-ARRG			08/25-12/15
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DISTANCE EDUCATION CLASS LAB SECTION ONLY

Must also register for the lab class, ANTH 212, CRN 21404.

After registering go to www.citruscollege.edu/de

21346	Salvi, L.	HRS-ARRG			08/25-12/15
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DISTANCE EDUCATION ONLINE LAB ONLY

Must also register in the lecture class, ANTH 212, CRN 21345.

After registering go to www.citruscollege.edu/de

Architecture

ARCH 100 Introduction to Architecture 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. An introductory course for students interested in exploring the fields of architecture and architectural technology and developing a working knowledge of planning and design. 54 lecture hours. CSU

21198	Fernandes, R.	MW	08:00 AM-09:25 AM	PC 314	08/25-12/15
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ARCH 102 Visual Communication 2.5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, DRAF 101. Visual communication of axonometric, oblique, and one, and two-point perspective drawings. Natural and man-made forms are analyzed. Color and texture of form are studied as they are revealed by light, shade, and shadow. Students' perceptions of subject matter are translated into convincing visual expressions by learning the graphic skills and the use of a variety of media. Students sketch, draw and render projects. 36 lecture hours, 36 lab hours. CSU

21200	Tabata, F.	TR	03:30 PM-04:30 PM	PC 304	08/25-12/15
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	Tabata, F.	TRF	04:31 PM-05:20 PM	PC 306	08/25-12/15
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ARCH 110 Introduction to Architectural Communication and Functional Design 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, DRAF 101 or ARCH 100. Introduction to architectural graphic communication skills including traditional pencil drawing and computer drawing. Students analyze and apply architectural theory, principles, techniques and three dimensional model making. The course includes an examination of presentation types and how they can be utilized to communicate architectural ideas. 36 lecture hours, 72 lab hours. CSU

21201	Fernandes, R.	MW	09:35 AM-10:35 AM	PC 304	08/25-12/15
	Fernandes, R.	MW	10:35 AM-12:45 PM	PC 306	08/25-12/15

ARCH 200 Portfolio Preparation 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, ARCH 110, ARCH 111, or ART 111 and ART 120.

A course for students to develop individual student portfolios. Development of portfolios will include architectural Computer Generated Imagery (CGI), multimedia, other design technology techniques, free hand drawing, 2D-3D art and rendering. Students will develop knowledge of how to interview in various design professions. 36 lecture hours, 54 lab hours.

21203	Fernandes, R.	MW	03:35 PM-04:35 PM	PC 304	08/25-12/15
	Fernandes, R.	MW	04:35 PM-06:05 PM	PC 306	08/25-12/15

ARCH 201 Architectural Design I 3 Units

Prerequisite: ARCH 110.

Explores the tools required to begin the formulation of design concepts and structure. This exploration is supported by discussion, observations, and hands-on experimentation, including research of precedents. The goal is to develop a process of design that draws from many sources in order to solidify a concept. Craftsmanship, clarity, and eloquence are highly valued in the construction of design submittals and in written and verbal presentations. A portfolio of the assigned design exercises completes the course requirements. 36 lecture hours, 72 lab hours.

21204	Fernandes, R.	MW	01:00 PM-01:50 PM	PC 304	08/25-12/15
	Fernandes, R.	MW	10:35 AM-12:45 PM	PC 306	08/25-12/15

ARCH 250 History of Architecture: Prehistory to Mannerism 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Development of architecture from Prehistory, ancient Egypt, ancient Greece, Rome to the Mannerism period. Influence of geography, religion and socio-economic movements on architecture are explored. The role of a built environment in social, cultural, and political life: how buildings are constructed, what they mean, effects they have on 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.

21205	Fernandes, R.	MW	02:00 PM-03:25 PM	PC 314	08/25-12/15
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Art

ART 100 Art History and Appreciation - Fundamentals 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. A study of the basic art principles and elements and how they are applied to art forms from prehistoric times to the present. 54 lecture hours. CSU UC

20001	Holmes, A.	TR	08:20 AM-09:45 AM	PA 133	08/25-12/15
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20016	Rachford, M.	HRS-ARRG			08/25-12/15
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ART 101	Art History and Appreciation-Ancient				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
This course covers the history of western art from its prehistoric beginnings to the fall of Rome. Some of the course content is concerned with the appreciation of art as well as its history. 54 lecture hours. CSU UC											
20025	Johnson, S.	MW	09:55 AM-11:20 AM	AC 103	08/25-12/15						
21449	Johnson, S.		HRS-ARRG		08/25-12/15						
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											
20849	Johnson, S.		HRS-ARRG		10/22-12/15						
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											
Second Eight Weeks											
ART 102	Art History and Appreciation - Medieval				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
This course covers the history of western art from the fall of Rome to the beginning of the Renaissance. Some of the course content is concerned with the fundamentals of art appreciation as well as its history. 54 lecture hours. CSU UC											
20742	Holmes, A.	TR	09:55 AM-11:20 AM	AC 103	08/25-12/15						
ART 103	Art History and Appreciation - Renaissance to Rococo				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
This course covers the history of western art from the early Renaissance through the Rococo period. This course is concerned with both the history of art and the fundamentals of the appreciation of art. 54 lecture hours. CSU UC											
20743	Johnson, S.	MW	11:30 AM-12:55 PM	AC 103	08/25-12/15						
21450	Johnson, S.	T	01:05 PM-04:15 PM	AC 103	08/25-12/15						
20049	Johnson, S.		HRS-ARRG		10/22-12/15						
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											
Second Eight Weeks											
ART 105	Art History and Appreciation - Early 20th Century Art				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
This course covers the history of western art from the 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											
21448	Johnson, S.	MW	01:05 PM-02:30 PM	AC 103	08/25-12/15						
ART 110	Introduction to the Visual Arts				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
A course designed to further the general education of all students. Students will be introduced to the visual arts through aesthetics, critique, history, and by creating art using various mediums. 36 lecture hours, 72 lab hours. CSU UC											
20081	Rachford, M.	M	08:20 AM-09:10 AM	AC 116	08/25-12/15						
	Rachford, M.	M	09:10 AM-11:20 AM	AC 116	08/25-12/15						
	Rachford, M.	W	08:20 AM-09:25 AM	AC 116	08/25-12/15						
	Rachford, M.	W	09:25 AM-11:20 AM	AC 116	08/25-12/15						
ART 111	Beginning Drawing				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
A basic course in 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											
20117	Botello, R.	M	06:00 PM-06:50 PM	AC 113	08/25-12/15						
	Botello, R.	M	06:50 PM-09:00 PM	AC 113	08/25-12/15						
	Botello, R.	W	06:00 PM-07:05 PM	AC 113	08/25-12/15						
	Botello, R.	W	07:05 PM-09:00 PM	AC 113	08/25-12/15						
20086	Rachford, M.	M	11:30 AM-12:20 PM	AC 113	08/25-12/15						
	Rachford, M.	M	12:20 PM-02:30 PM	AC 113	08/25-12/15						
	Rachford, M.	W	11:30 AM-12:35 PM	AC 113	08/25-12/15						
	Rachford, M.	W	12:35 PM-02:30 PM	AC 113	08/25-12/15						
20120	Rachford, M.	T	11:30 AM-12:20 PM	AC 113	08/25-12/15						
	Rachford, M.	T	12:20 PM-02:30 PM	AC 113	08/25-12/15						
	Rachford, M.	R	11:30 AM-12:35 PM	AC 113	08/25-12/15						
	Rachford, M.	R	12:35 PM-02:30 PM	AC 113	08/25-12/15						
	Rachford, M.	F	09:00 AM-11:05 AM	AC 113	08/25-12/15						
	Wessel, M.	F	11:05 AM-03:15 PM	AC 113	08/25-12/15						
ART 115	Figure Drawing I				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
An introduction to the structural understanding of the human form, based on study of the figure in history, theory, and aesthetics and its practical application to drawing from live model. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU UC											
20834	Wessel, M.	F	09:00 AM-11:05 AM	AC 113	08/25-12/15						
	Wessel, M.	F	11:05 AM-03:15 PM	AC 113	08/25-12/15						
ART 120	Two-Dimensional Design				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
An investigation of the elements of art: especially color and composition. Emphasis is placed on individual solutions to visual problems by observing the principles of design. Required of all art majors. 36 hours lecture, 72 lab hours. CSU UC											
20130	Moore, E.	T	02:40 PM-03:30 PM	AC 109	08/25-12/15						
	Moore, E.	T	03:30 PM-05:40 PM	AC 109	08/25-12/15						
	Moore, E.	R	02:40 PM-03:45 PM	AC 109	08/25-12/15						
	Moore, E.	R	03:45 PM-05:40 PM	AC 109	08/25-12/15						
ART 130	Beginning Painting				3 Units						
An objective approach to form, space, and color concepts using oil or acrylic paint. Includes critical examination of paintings for technical and aesthetic concerns, content, and historical/cultural influences.											
36 lecture hours, 72 lab hours. CSU UC											
20201	Zweig, M.	T	11:30 AM-12:20 PM	AC 112	08/25-12/15						
	Zweig, M.	T	12:20 PM-02:30 PM	AC 112	08/25-12/15						
	Zweig, M.	R	11:30 AM-12:35 PM	AC 112	08/25-12/15						
	Zweig, M.	R	12:35 PM-02:30 PM	AC 112	08/25-12/15						
ART 131	Intermediate Painting				3 Units						
Prerequisite: ART 130.											
Development of expressive painting concepts and techniques in oil and acrylic, with emphasis on historical, theoretical, and cultural meanings. Standard painting media. This course may be taken two times. 36 lecture hours, 72 lab hours. CSU UC											
20211	Zweig, M.	T	11:30 AM-12:20 PM	AC 112	08/25-12/15						
	Zweig, M.	T	12:20 PM-02:30 PM	AC 112	08/25-12/15						
	Zweig, M.	R	11:30 AM-12:35 PM	AC 112	08/25-12/15						
	Zweig, M.	R	12:35 PM-02:30 PM	AC 112	08/25-12/15						
ART 140	Beginning Ceramics				3 Units						
Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.											
This course explores basic techniques of pottery making. It includes handbuilding and throwing on the potter's wheel. Emphasis is on understanding the qualities of clay, appreciation of basic pottery forms, simple glazing technique and the development of personal expression. Material fee. 36 lecture hours, 72 lab hours. CSU UC											
20227	Hillman, M.	M	02:40 PM-03:30 PM	AC 117	08/25-12/15						
	Hillman, M.	M	03:30 PM-05:40 PM	AC 117	08/25-12/15						
	Hillman, M.	W	02:40 PM-03:45 PM	AC 117	08/25-12/15						
	Hillman, M.	W	03:45 PM-05:40 PM	AC 117	08/25-12/15						
20309	Hillman, M.	M	06:00 PM-06:50 PM	AC 117	08/25-12/15						
	Hillman, M.	M	06:50 PM-09:00 PM	AC 117	08/25-12/15						
	Hillman, M.	W	06:00 PM-07:05 PM	AC 117	08/25-12/15						
	Hillman, M.	W	07:05 PM-09:00 PM	AC 117	08/25-12/15						
20295	Hillman, M.	T	11:30 AM-12:20 PM	AC 117	08/25-12/15						
	Hillman, M.	T	12:20 PM-02:30 PM	AC 117	08/25-12/15						
	Hillman, M.	R	11:30 AM-12:35 PM	AC 117	08/25-12/15						
	Hillman, M.	R	12:35 PM-02:30 PM	AC 117	08/25-12/15						

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ART 141 Intermediate Ceramics 3 Units						ART 162 Computer Graphics I 3 Units					
Prerequisite: ART 140.						Strongly recommended: ART 111, ART 120 and ART 150.					
This course further develops basic pottery skills by introducing new forms on the potter's wheel and additional decorating and glazing techniques. This course may be taken four times. Material fee. 36 lecture hours, 72 lab hours. CSU UC						Students will examine graphic design in advertising, corporate identity, video, billboards and print media. Utilizing Illustrator, PhotoShop and Quark software, students will apply principles of color theory, layout and typography to their design concepts preparing them for print. This course may be taken three times. Material fee. 36 lecture hours, 72 lab hours. CSU					
20376	Hillman, M.	M	06:00 PM-06:50 PM	AC 118	08/25-12/15	20505	Rachford, M.	T	02:40 PM-03:30 PM	AC 101	08/25-12/15
	Hillman, M.	M	06:50 PM-09:00 PM	AC 118	08/25-12/15		Rachford, M.	T	03:30 PM-05:40 PM	AC 101	08/25-12/15
	Hillman, M.	W	06:00 PM-07:05 PM	AC 118	08/25-12/15		Rachford, M.	R	02:40 PM-03:45 PM	AC 101	08/25-12/15
	Hillman, M.	W	07:05 PM-09:00 PM	AC 118	08/25-12/15		Rachford, M.	R	03:45 PM-05:40 PM	AC 101	08/25-12/15
20337	Hillman, M.	T	08:20 AM-09:10 AM	AC 118	08/25-12/15	ART 168 Animation I 3 Units					
	Hillman, M.	T	09:10 AM-11:20 AM	AC 118	08/25-12/15	Strongly Recommended: ART 150 and/or Portfolio review. Also, ENGL 099 or READ 099 if required by English placement exam or if required by English level.					
	Hillman, M.	R	08:20 AM-09:25 AM	AC 118	08/25-12/15	The focus of this course is to introduce the fundamentals of two-dimensional animation with emphasis on the computer as a tool. Student projects involve scripting, storyboarding, action, transition, and timing character development, and portfolio enhancement. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU					
	Hillman, M.	R	09:25 AM-11:20 AM	AC 118	08/25-12/15	21105	Jackson, M.	M	11:30 AM-12:20 PM	AC 101	08/25-12/15
ART 145 Ceramic Design and Decoration 3 Units						21105	Jackson, M.	M	12:20 PM-02:30 PM	AC 101	08/25-12/15
Prerequisite: ART 141.							Jackson, M.	W	11:30 AM-12:35 PM	AC 101	08/25-12/15
This course involves hand built and wheel thrown projects that investigate problems in pottery form and surface enhancement. Other related topics include the effect of various firing methods and exhibit preparation. This course may be taken four times. 36 lecture hours, 72 lab hours. CSU UC							Jackson, M.	W	12:35 PM-02:30 PM	AC 101	08/25-12/15
20452	Hillman, M.	M	06:00 PM-06:50 PM	AC 118	08/25-12/15	ART 149 Studio Problems in Ceramics 1 Units					
	Hillman, M.	M	06:50 PM-09:00 PM	AC 118	08/25-12/15	Prerequisite: ART 141.					
	Hillman, M.	W	06:00 PM-07:05 PM	AC 118	08/25-12/15	Independent study involving intermediate or advanced projects in studio ceramics. Materials used include clay, engobe, stain and glaze. Firing techniques, studio practices, display, and exhibition design is included. This course may be taken four times. Material fee. 18 lecture hours, 18 lab hours. CSU UC					
	Hillman, M.	W	07:05 PM-09:00 PM	AC 118	08/25-12/15	20380	Hillman, M.	M	06:00 PM-07:05 PM	AC 117	08/25-12/15
20348	Hillman, M.	T	08:20 AM-09:10 AM	AC 118	08/25-12/15		Hillman, M.	W	06:00 PM-07:05 PM	AC 117	08/25-12/15
	Hillman, M.	T	09:10 AM-11:20 AM	AC 118	08/25-12/15	20327	Hillman, M.	T	08:20 AM-09:25 AM	AC 117	08/25-12/15
	Hillman, M.	R	08:20 AM-09:25 AM	AC 118	08/25-12/15		Hillman, M.	R	08:20 AM-09:25 AM	AC 117	08/25-12/15
	Hillman, M.	R	09:25 AM-11:20 AM	AC 118	08/25-12/15	ART 150 Computer Art Basics 3 Units					
Prerequisite: ART 141.						This introductory computer art course is designed for people interested in learning the basics of computer art. Adobe Illustrator and Photoshop are utilized to create computer graphics and Microsoft Word is used for word processing. PC computers with the Windows operating system, printers, scanners, and digital cameras are also explored in this course. Course may be taken three times. Material fee. 36 lecture hours, 72 lab hours. CSU					
20380	Hillman, M.	M	06:00 PM-07:05 PM	AC 117	08/25-12/15	20676	Jackson, M.	T	11:30 AM-12:20 PM	AC 101	08/25-12/15
	Hillman, M.	W	06:00 PM-07:05 PM	AC 117	08/25-12/15		Jackson, M.	T	12:20 PM-02:30 PM	AC 101	08/25-12/15
20327	Hillman, M.	T	08:20 AM-09:25 AM	AC 117	08/25-12/15		Jackson, M.	R	11:30 AM-12:35 PM	AC 101	08/25-12/15
	Hillman, M.	R	08:20 AM-09:25 AM	AC 117	08/25-12/15		Jackson, M.	R	12:35 PM-02:30 PM	AC 101	08/25-12/15
ART 153 Digital Media Productions I 3 Units						ART 189 Art Portfolio and Resume Production 3 Units					
Strongly recommended: ART 150 or Portfolio review.						Prerequisites: ART 153, ART 158, ART 162, and ART 167.					
An overview of multimedia production and associated technology. The course will use Illustrator, PhotoShop and other software in the development of graphic presentations for use in business and communications. Students will be provided an opportunity to produce computer graphics merging images and text for large format printing. This course may be taken two times. Material fee. 36 lecture hours, 72 lab hours. CSU						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.					
20491	Jackson, M.	T	08:20 AM-09:10 AM	AC 101	08/25-12/15	21442	Jackson, M.	T	08:20 AM-09:10 AM	AC 101	08/25-12/15
	Jackson, M.	T	09:10 AM-11:20 AM	AC 101	08/25-12/15		Jackson, M.	T	09:10 AM-11:20 AM	AC 101	08/25-12/15
	Jackson, M.	R	08:20 AM-09:25 AM	AC 101	08/25-12/15		Jackson, M.	R	08:20 AM-09:25 AM	AC 101	08/25-12/15
	Jackson, M.	R	09:25 AM-11:20 AM	AC 101	08/25-12/15		Jackson, M.	R	09:25 AM-11:20 AM	AC 101	08/25-12/15
ART 158 Commercial Graphic Design 3 Units						ART 199 Motion Picture Appreciation 3 Units					
Strongly recommended: ART 150 or Portfolio review.						Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.					
An introductory course in which the student will learn how to analyze films on technical, aesthetic, and thematic levels. Historically significant films will be used as source material. 54 lecture hours. CSU UC						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					
21361	Villeneuve, T.	MW	08:20 AM-09:45 AM	PA 133	08/25-12/15	21362	Villeneuve, T.	HRS-ARRG			08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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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. This course may be taken three times. 36 lecture hours, 72 lab hours. CSU

20882	Zweig, M.	T	11:30 AM-12:20 PM	AC 112	08/25-12/15
	Zweig, M.	T	12:20 PM-02:30 PM	AC 112	08/25-12/15
	Zweig, M.	R	11:30 AM-12:35 PM	AC 112	08/25-12/15
	Zweig, M.	R	12:35 PM-02:30 PM	AC 112	08/25-12/15

ART 240 Advanced Ceramics I 3 Units

Prerequisite: ART 141.

An advanced course in pottery with an emphasis on larger forms and development of a distinctive style. Also included is glaze technology and basic kiln operation. This course may be taken four times. Material fee. 36 lecture hours, 72 lab hours. CSU UC

20725	Hillman, M.	M	06:00 PM-06:50 PM	AC 118	08/25-12/15
	Hillman, M.	M	06:50 PM-09:00 PM	AC 118	08/25-12/15
	Hillman, M.	W	06:00 PM-07:05 PM	AC 118	08/25-12/15
	Hillman, M.	W	07:05 PM-09:00 PM	AC 118	08/25-12/15
20400	Hillman, M.	T	08:20 AM-09:10 AM	AC 118	08/25-12/15
	Hillman, M.	T	09:10 AM-11:20 AM	AC 118	08/25-12/15
	Hillman, M.	R	08:20 AM-09:25 AM	AC 118	08/25-12/15
	Hillman, M.	R	09:25 AM-11:20 AM	AC 118	08/25-12/15

ART 253 Digital Media Production II 3 Units

Prerequisite: ART 153.

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

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

20494	Jackson, M.	T	08:20 AM-09:10 AM	AC 101	08/25-12/15
	Jackson, M.	T	09:10 AM-11:20 AM	AC 101	08/25-12/15
	Jackson, M.	R	08:20 AM-09:25 AM	AC 101	08/25-12/15
	Jackson, M.	R	09:25 AM-11:20 AM	AC 101	08/25-12/15

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. This course may be taken two times.

36 lecture hours, 72 lab hours. CSU

20682	Jackson, M.	M	08:20 AM-09:10 AM	AC 101	08/25-12/15
	Jackson, M.	M	09:10 AM-11:20 AM	AC 101	08/25-12/15
	Jackson, M.	W	08:20 AM-09:25 AM	AC 101	08/25-12/15
	Jackson, M.	W	09:25 AM-11:20 AM	AC 101	08/25-12/15

Astronomy

ASTR 115 Planetary Astronomy 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030.

The astronomy of the solar system including the history of astronomy, Newton's and Kepler's laws, light, telescopes, the Sun, terrestrial and giant planets, satellites, comets, meteors, and the origin of the solar system. 54 lecture hours. CSU UC

20854	Kaisler, D.	MW	09:55 AM-11:20 AM	MA 227	08/25-12/15
20855	Kaisler, D.	MW	01:05 PM-02:30 PM	MA 227	08/25-12/15
21315	Chan, L.	R	07:00 PM-10:10 PM	MA 227	08/25-12/15
21276	Kary, D.		HRS-ARRG		08/25-12/15

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

ASTR 116 Stellar Astronomy 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030.

The fundamental areas of stellar astronomy including the structure, classification and evolution of stars, galaxies and the universe, interstellar matter, and the theories of Newton and Einstein. Laboratory exercises include: energy and forces, light, optics, telescopes, stars and their classification, and galaxies. 54 lecture hours, 54 lab hours. CSU UC

20859	Kaisler, D.	TR	05:25 PM-06:50 PM	MA 227	08/25-12/15
Lecture section only. Lab section CRN 20861 or 20863 also required.					
20858	Kary, D.		HRS-ARRG		08/25-12/15
DISTANCE EDUCATION After registering go to www.citruscollege.edu/de.					
Lecture section only. Lab section CRN 20860 or 20862 also required.					
20860	Schwitkis, K.	M	07:00 PM-10:10 PM	MA 227	08/25-12/15
Lab section only. DE lecture section CRN 20858 also required.					
20861	Chan, L.	T	02:00 PM-05:10 PM	MA 227	08/25-12/15
Lab section only. Lecture section CRN 20859 also required.					
20862	Schwitkis, K.	W	07:00 PM-10:10 PM	MA 227	08/25-12/15
Lab section only. DE lecture section CRN 20858 also required.					
20863	Chan, L.	R	02:00 PM-05:10 PM	MA 227	08/25-12/15
Lab section only. Lecture section CRN 20859 also required.					

ASTR 117 Life In The Universe 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030.

The original and evolution of life on Earth, the processes and conditions relevant to life elsewhere in the universe, and the ongoing search for extraterrestrial life. 54 lecture hours. CSU UC

21329	Kaisler, D.	MW	05:25 PM-06:50 PM	MA 227	08/25-12/15
20864	Kaisler, D.	TR	09:55 AM-11:20 AM	MA 227	08/25-12/15

Automotive - Auto, Lt Truck

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

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

Intended for automotive majors, this class serves as the pre-requisite for all automotive certificate and/or degree-applicable courses. Automobiles and light trucks will be explored from the point of view of the service technician. Scientific principles and operation of essential automotive technologies are central to the course goal of preparing students for entry into the automotive core curriculum. Appropriate lab activities in automobile inspection, service and repair are included. 72 lecture hours, 54 lab hours. CSU

20928	Bender, T.	MW	01:00 PM-02:55 PM	TE 103	08/25-12/15
	Bender, T.	MW	02:55 PM-04:30 PM	AA 101	08/25-12/15
20929	Gonzalez, J.	TR	01:00 PM-02:55 PM	TE 103	08/25-12/15
	Gonzalez, J.	TR	02:55 PM-04:30 PM	AA 101	08/25-12/15
20931	Rubio, M.	TR	06:00 PM-08:05 PM	TE 103	08/25-12/15
	Rubio, M.	TR	08:20 PM-09:45 PM	AA 101	08/25-12/15

AUTO 149 Diesel Engine Management Systems 4 Units

Prerequisite: AUTO 148 or AUTO 168 or MTRK 151.

Intended for Automotive and Medium/Heavy Truck students, this course covers the theory of operation of 4-stroke diesel engines along with the theory of operation, testing and inspection, and service repair of air-inlet systems (including forced induction), exhaust systems, fuel-delivery systems (including mechanical and electronic engine controls), and emission-control systems.

Course prepares students for ASE A9 and/or T2 certification. 72 lecture hours. CSU

21446	Brown, D.	F	08:00 AM-12:15 PM	TE 105	08/25-12/15
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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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AUTO 151 Engine Service, Diagnosis and Repair 5 Units

Prerequisite: AUTO 101.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher. Intended for those seeking a career in the automotive service and repair industry. This 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, 135 lab hours. CSU
 20933 Korn, D. MT 08:00 AM-09:25 AM TE 105 08/25-12/15
 Korn, D. MT 09:25 AM-01:30 PM TD 121 08/25-12/15

AUTO 154 Chassis Service, Diagnosis, and Repair 8 Units

Prerequisite: AUTO 101 and AUTO 156.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher. Intended for those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. The course covers essential chassis system theory, along with inspection, diagnosis, service and repair of the following undercar systems: brake, steering, suspension, alignment, wheel/tire, ride control and ABS. Course prepares students for ASE Suspension and Steering (A4) and ASE Brakes (A5) certification. 108 lecture hours, 135 lab hours. CSU
 20934 Brown, D. WR 08:00 AM-11:10 AM TE 104 08/25-12/15
 Brown, D. WR 11:10 AM-03:15 PM TD 134 08/25-12/15

AUTO 156 Automotive Electrical & Electronic Systems I 5 Units

Prerequisite: AUTO 101 or one year minimum industry experience based on departmental approval or related coursework.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher. Intended for those seeking a career in the automotive service and repair industry, this National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. This class covers essential electrical and electronic systems theory, along with inspection, diagnosis, service & repair of specific electrical systems including the battery, starting systems, charging systems, lighting systems, gauges, and instrument-panel warning lights. Prepares students for ASE Electrical & Electronic Systems (A6) certification. 68 lecture hours, 72 lab hours. CSU
 20937 Gonzalez, J. MT 08:00 AM-10:05 AM TE 103 08/25-12/15
 Gonzalez, J. MT 10:05 AM-12:10 PM AA 101 08/25-12/15
 20938 Korn, D. WR 08:00 AM-10:00 AM TE 103 08/25-12/15
 Korn, D. WR 10:00 AM-12:10 PM AA 101 08/25-12/15

AUTO 162 Drivetrain Service, Diagnosis and Repair 8 Units

Prerequisite: AUTO 166.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. Also, MATH 030 or higher. Intended for those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. This course focuses on the service, diagnosis and repair of the manual and automatic automotive drivetrain systems. Appropriate lab activities in automobile drivetrain inspection, service and repair are included. The course prepares students for the ASE Automatic Transmission and Transaxle (A2) and Manual Drivetrain and Axles (A3) certification exams. 108 lecture hours, 135 lab hours. CSU
 20939 Clark, J. MT 08:00 AM-11:10 AM TE 104 08/25-12/15
 Clark, J. MT 11:10 AM-03:15 PM TD 131 08/25-12/15

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

Prerequisite: AUTO 151 and AUTO 166.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030 or higher. Intended for those seeking a career in the automotive service and repair industry. This National Automotive Technicians' Education Foundation certified course is one component of the Toyota Technical Education Network and Technicians' Education Cooperative programs. The course covers essential engine management systems theory, along with inspection, diagnosis, service and repair of the following systems: ignition, air and fuel delivery, electronic engine controls, and auxiliary emission controls. This course prepares students for ASE Engine Performance (A8) certification. 108 lecture hours, 135 lab hours. CSU
 20940 Rubio, M. WR 08:00 AM-11:10 AM TE 105 08/25-12/15
 Rubio, M. WR 11:10 AM-03:15 PM TD 137 08/25-12/15

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

Recommended Skills: AUTO 101, 151, 154, 156, 162, 166, 167 and 168 SLOs.
 Strongly recommended: Completion of 16 units in automotive technology coursework.
 Limitation on Enrollment: Department consent required prior to enrollment. Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. This AUTO 230 course may be taken four times for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 320 lab hours arranged.
 20943 Clark, J. W HRS-ARRG TE 105 08/25-12/15
 Department approval required prior to enrollment.
 The lectures will meet on the following Wednesdays:
 September 5, October 3, November 7, December 5 & 12
 6:30pm - 9:00pm
 TE 105

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

Strongly recommended: Completion of 16 units in automotive technology coursework.
 Limitation on Enrollment: Department consent required prior to enrollment. Automotive technology work experience is designed to extend occupational learning through employment and coordinate the on-the-job training with program instruction. Individual student goals and learning objectives will be designed by the student cooperatively with the employer and faculty advisor. Lab hours are arranged and completed at the place of employment. The AUTO 230 A-D series of courses may be taken in any combination for a maximum of four units. Pass/No Pass grading only. 9 lecture hours, 480 lab hours arranged.
 20944 Clark, J. W HRS-ARRG TE 105 08/25-12/15
 Department approval required prior to enrollment.
 The lectures will meet on the following Wednesdays:
 September 5, October 3, November 7, December 5 & 12
 6:30pm - 9:00pm
 TE 105

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. 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, 640 lab hours arranged.
 20945 Clark, J. W HRS-ARRG TE 105 08/25-12/15
 Department approval required prior to enrollment.
 The lectures will meet on the following Wednesdays:
 September 5, October 3, November 7, December 5 & 12
 6:30pm - 9:00pm
 TE 105

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
AUTO 297	Cylinder Block Development				4 Units	21058	Lee, M.	MW	03:50 PM-05:15 PM	LH 101	08/25-12/15
Prerequisite: AUTO 295 or one year work experience in the automotive field with an emphasis on engine machining or repair.											
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.											
A course designed to teach the skills necessary to develop and rebuild a cylinder block for total performance. Emphasis will be placed on cylinder block development and reconditioning, including operation of align-honing, surfacing, boring, and honing machine operation. 54 lecture hours, 54 lab hours.											
21445	Korn, D.	MW	06:00 PM-07:25 PM	TE 105	08/25-12/15	20885	Dery, K.	M	07:00 PM-10:10 PM	LH 103	08/25-12/15
	Korn, D.	MW	07:25 PM-08:50 PM	TE 105	08/25-12/15	20884	Dery, K.	R	07:00 PM-10:10 PM	LH 103	08/25-12/15

AUTO 695D Special Topics: Automotive Technology **3 Units**

This course covers special and emerging topics not found in other courses within the discipline. Topics vary and are determined by the department. See the department for current term emphasis. May be taken four times regardless of the unit combination, however, no single subject, special topics class may be repeated. 54 lecture hours.

21240 Lipp, G. T 06:30 PM-09:40 PM TE 105 08/25-12/15

Basic and Advanced Clean Air Car Course

Lecture section only. Lab section also required.

Students must also register for AUTO 696D CRN 21241

AUTO 696D Special Topics: Automotive Technology **1 Units**

This course covers special and emerging topics not found in other courses within the discipline. Topics vary and are determined by the department. See the department for current term emphasis. May be taken four times regardless of the unit combination, however, no single subject, special topics class may be repeated. 54 lab hours.

21241 Lipp, G. R 06:30 PM-09:40 PM TD 121 08/25-12/15

Basic and Advanced Clean Air Car Course

Lab section only. Lecture section also required.

Students must also register for AUTO 695D CRN 21240

AUTO 698A Cooperative Education **1 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 volunteer employment or training sites. 60 hours lab arranged.

20998 Clark, J. HRS-ARRG 08/25-12/15

Department approval required prior to enrollment.

Students must meet with instructor on the following Wednesdays:

September 5, October 3, November 7, December 5 & 12

6:30pm - 9:00pm

TE 105

Biology

BIOL 102 Human Genetics **3 Units**

Prerequisite: MATH 030.

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

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

20875 Goedhart, C. HRS-ARRG 08/25-12/15

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

Students required to take exams on campus.

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

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

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

21316 Lee, M. MW 01:05 PM-02:30 PM LH 103 08/25-12/15

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
BIOL 105	General Biology				4 Units	20303	Devries, P.	R	07:00 PM-10:10 PM	LS 118	08/25-12/15
<p>Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030, and high school biology or chemistry.</p> <p>A general biology course, lecture and laboratory, for non-majors, with emphasis upon molecular biology, cell structure and function, energy relationships, nutrient processing, reproduction and development, genetics and evolution, ecological interrelationships, and discussion of contemporary issues. The laboratory provides the student with expanded first-hand experience in specific areas of course content. 54 lecture hours, 54 lab hours. CSU UC</p>						<p>BIOL 124 Principles of Biology I 5 Units</p> <p>Prerequisite: MATH 150.</p> <p>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</p>					
20066	Goodman, R.	MW	08:20 AM-09:45 AM	LH 103	08/25-12/15	21317	Hester, D.	T	06:00 PM-10:10 PM	LH 103	08/25-12/15
20069	Han, J.	MW	09:55 AM-11:20 AM	LH 101	08/25-12/15	21318	Villeneuve, L.	W	11:30 AM-02:40 PM	LS 116	08/25-12/15
20079	Kondo, A.	MW	11:30 AM-12:55 PM	LH 101	08/25-12/15	21319	Hester, D.	F	11:30 AM-02:40 PM	LS 116	08/25-12/15
20084	Juncosa, B.	MW	01:05 PM-02:30 PM	LH 101	08/25-12/15	BIOL 125 Principles of Biology II 5 Units					
20083	Goedhart, C.	MW	05:25 PM-06:50 PM	LH 101	08/25-12/15	Prerequisite: MATH 150.					
20106	Han, J.	TR	08:20 AM-09:45 AM	LH 101	08/25-12/15	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					
20110	Goedhart, C.	TR	09:55 AM-11:20 AM	LH 101	08/25-12/15	20312	Hester, D.	MW	09:15 AM-11:20 AM	PS 107	08/25-12/15
20119	Goedhart, C.	TR	11:30 AM-12:55 PM	LH 101	08/25-12/15	20318	Hester, D.	M	11:30 AM-02:40 PM	LS 118	08/25-12/15
21258	Juncosa, B.	TR	01:05 PM-02:30 PM	LH 101	08/25-12/15	21025	Hester, D.	M	03:00 PM-06:10 PM	LS 118	08/25-12/15
20809	Goedhart, C.	TR	05:25 PM-06:50 PM	LH 101	08/25-12/15	BIOL 145 Environmental Science 3 Units					
21069	Goedhart, C.	M	07:00 PM-10:10 PM	LH 101	08/25-12/15	Strongly recommended: BIOL 104 or BIOL 105. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.					
20098	Villeneuve, L.	T	07:00 PM-10:10 PM	LH 101	08/25-12/15	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					
20886	Villeneuve, L.	W	07:00 PM-10:10 PM	LH 103	08/25-12/15	20440	Goodman, R.	MW	09:55 AM-11:20 AM	LH 103	08/25-12/15
20887	Saad, N.	M	02:50 PM-06:00 PM	LS 117	08/25-12/15	20328	Goodman, R.		HRS-ARRG		08/25-12/15
20888	Anderson-McGill, T.	M	07:00 PM-10:10 PM	LS 117	08/25-12/15	DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de . Students required to take exams on campus.					
20183	Saad, N.	T	08:10 AM-11:20 AM	LS 117	08/25-12/15	BIOL 200 Human Anatomy 4 Units					
20186	McCabe, D.	T	08:10 AM-11:20 AM	LS 118	08/25-12/15	Prerequisite: BIOL 105 or BIOL 124.					
20197	Goodman, R.	T	11:30 AM-02:40 PM	LS 117	08/25-12/15	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					
20192	McCabe, D.	T	11:30 AM-02:40 PM	LS 118	08/25-12/15	20059	Kondo, A.	MW	01:05 PM-02:30 PM	LH 102	08/25-12/15
20199	Montes, M.	T	02:50 PM-06:00 PM	LS 117	08/25-12/15	20061	Kondo, A.	M	08:10 AM-11:20 AM	LS 115	08/25-12/15
20207	Gerrard, A.	T	02:50 PM-06:00 PM	LS 118	08/25-12/15	20709	Kondo, A.	M	02:50 PM-06:00 PM	LS 115	08/25-12/15
20212	Hollenshead, M.	T	07:00 PM-10:10 PM	LS 117	08/25-12/15	20064	Kondo, A.	W	08:10 AM-11:20 AM	LS 115	08/25-12/15
20696	Shimano, B.	T	07:00 PM-10:10 PM	LS 118	08/25-12/15	20070	Goodman, R.	W	02:50 PM-06:00 PM	LS 115	08/25-12/15
20216	McCabe, D.	W	08:10 AM-11:20 AM	LS 117	08/25-12/15	BIOL 201 Human Physiology 4 Units					
20219	Goedhart, C.	W	08:10 AM-11:20 AM	LS 118	08/25-12/15	Prerequisites: BIOL 200 and CHEM 103 or CHEM 104 or CHEM 110 or CHEM 111 or CHEM 112.					
20876	Goodman, R.	W	11:30 AM-02:40 PM	LS 117	08/25-12/15	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					
20230	Goedhart, C.	W	11:30 AM-02:40 PM	LS 118	08/25-12/15	20515	Kondo, A.	TR	11:30 AM-12:55 PM	LH 102	08/25-12/15
20236	Gerrard, A.	W	02:50 PM-06:00 PM	LS 117	08/25-12/15	20562	Kondo, A.	T	08:10 AM-11:20 AM	LS 116	08/25-12/15
20241	Devries, P.	W	02:50 PM-06:00 PM	LS 118	08/25-12/15	20566	Kondo, A.	T	01:05 PM-04:15 PM	LS 116	08/25-12/15
20251	Anderson-McGill, T.	W	07:00 PM-10:10 PM	LS 117	08/25-12/15	20720	Kondo, A.	R	08:10 AM-11:20 AM	LS 116	08/25-12/15
20260	Devries, P.	W	07:00 PM-10:10 PM	LS 118	08/25-12/15	20568	Kondo, A.	R	01:05 PM-04:15 PM	LS 116	08/25-12/15
20264	Van Leersum, A.	R	08:10 AM-11:20 AM	LS 118	08/25-12/15	BIOL 105 General Biology 4 Units					
20268	Gerrard, A.	R	08:10 AM-11:20 AM	LS 117	08/25-12/15	Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030, and high school biology or chemistry.					
20270	Goodman, R.	R	11:30 AM-02:40 PM	LS 117	08/25-12/15	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					
20271	Montes, M.	R	11:30 AM-02:40 PM	LS 118	08/25-12/15	20066 Goodman, R. MW 08:20 AM-09:45 AM LH 103 08/25-12/15					
20289	Saad, N.	R	02:50 PM-06:00 PM	LS 117	08/25-12/15	20069 Han, J. MW 09:55 AM-11:20 AM LH 101 08/25-12/15					
20294	Harfouche, Y.	R	02:50 PM-06:00 PM	LS 118	08/25-12/15	20079 Kondo, A. MW 11:30 AM-12:55 PM LH 101 08/25-12/15					
20299	Hollenshead, M.	R	07:00 PM-10:10 PM	LS 117	08/25-12/15	20084 Juncosa, B. MW 01:05 PM-02:30 PM LH 101 08/25-12/15					

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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BIOL 220 Microbiology 5 Units

Prerequisite: BIOL 104 or BIOL 105 or BIOL 124 and 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

20450 Juncosa, B. MW 03:50 PM-05:15 PM LH 102 08/25-12/15
Lecture section only. Lab section also required.

20458 Juncosa, B. TR 03:50 PM-05:15 PM LH 102 08/25-12/15
Lecture section only. Lab section also required.

20471 Han, J. MW 11:30 AM-02:40 PM LS 119 08/25-12/15
Lab section only. Lecture section also required.

20482 Juncosa, B. MW 05:25 PM-08:35 PM LS 119 08/25-12/15
Lab section only. Lecture section also required.

20485 Han, J. TR 11:30 AM-02:40 PM LS 119 08/25-12/15
Lab section only. Lecture section also required.

20711 Juncosa, B. TR 05:25 PM-08:35 PM LS 119 08/25-12/15
Lab section only. Lecture section also required.

Business**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

20003 Richard, L. MW 08:20 AM-09:45 AM LB 202 08/25-12/15

21322 Durfield, T. MW 09:55 AM-11:20 AM LB 202 08/25-12/15

20004 Richard, L. MW 11:30 AM-12:55 PM LB 207 08/25-12/15

21439 Durfield, T. MW 01:05 PM-02:30 PM LB 202 08/25-12/15

21272 Durfield, T. MW 02:40 PM-04:05 PM LB 202 08/25-12/15

20006 Lindsey, S. TR 08:20 AM-09:45 AM LB 207 08/25-12/15

20009 Richard, L. TR 09:55 AM-11:20 AM LB 207 08/25-12/15

21440 Ghidella, R. TR 01:05 PM-02:30 PM SS 166 08/25-12/15

LEARNING COMMUNITIES CLASS: Requires enrollment in COUN 160 CRN 21454.

20013 Richard, L. TR 02:35 PM-04:00 PM LB 207 08/25-12/15

20014 Durfield, T. W 06:00 PM-09:10 PM MA 230 08/25-12/15

20160 Lindsey, S. HRS-ARRG 08/25-12/15

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

Student required to take exams on campus in LB-205, Midterm exam on October 13 at 8:00 am, Final exam on December 8 at 8:00 am.

21323 Lindsey, S. HRS-ARRG 10/22-12/15

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

Students required to take exams on Campus in LB 205, Midterm exam on November 17 at 8:00 am, Final exam on December 8 at 8:00 am.

BUS 132 Ethics in Business 3 Units

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

21438 Durfield, T. TR 01:05 PM-02:30 PM LB 202 08/25-12/15

BUS 146 Personal Finance 3 Units

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

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

21324 Ghidella, R. MW 01:05 PM-02:30 PM LB 207 08/25-12/15

20023 Ghidella, R. MW 02:35 PM-04:00 PM LB 207 08/25-12/15

20027 Ghidella, R. TR 09:55 AM-11:20 AM LB 202 08/25-12/15

20807 Ghidella, R. W 06:00 PM-09:10 PM LB 208 08/25-12/15

20062 Ghidella, R. HRS-ARRG 08/25-12/15

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

Students required to take exams on campus.

BUS 150 Business English 3 Units

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

An introductory course in business writing, which includes a common-sense approach to the use of English grammar, punctuation and style in the business context, and strategies for effective writing of business-related communications.

Recommended for business majors. 54 lecture hours. CSU
20067 Grossman, B. M 06:00 PM-09:10 PM LB 202 08/25-12/15

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

20071 Lindsey, S. MW 08:20 AM-09:45 AM LB 207 08/25-12/15

21326 Lindsey, S. MW 09:55 AM-11:20 AM LB 207 08/25-12/15

20073 Grossman, B. MW 11:30 AM-12:55 PM LB 202 08/25-12/15

20074 Grossman, B. TR 08:20 AM-09:45 AM LB 202 08/25-12/15

21327 Grossman, B. TR 11:30 AM-12:55 PM LB 202 08/25-12/15

20075 Grossman, B. W 06:00 PM-09:10 PM LB 202 08/25-12/15

20077 Durfield, T. HRS-ARRG 08/25-12/15

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

Students required to take exams on campus.

BUS 170 Small Business Management 3 Units

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

20078 Richard, L. MW 02:40 PM-04:05 PM LB 208 08/25-12/15

BUS 172 Personnel Management 3 Units

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

20716 Durfield, T. HRS-ARRG 08/25-12/15

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

Students required to take exams on campus.

BUS 175 Introduction to Management 3 Units

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

21246 Richard, L. HRS-ARRG 08/25-12/15

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

Students required to take exams on campus.

BUS 176 Management for the Office Professional 3 Units

An overview of office management for administrative professionals. Topics include: concepts and trends in administrative office management, centralizing/decentralizing managerial authority, communication in the office, managing a culturally diverse workplace, managing the ergonomic office environment, automating the office, managing office information systems, and improving office productivity. 54 lecture hours. CSU

20814 James, R. HRS-ARRG 08/25-12/15

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

Mandatory on-campus orientation/Blackboard/CCC Confer/software usage

Monday, August 27, 2012 at 7:00PM-8:00PM in LB 201

Students required to take exams on campus.

BUS 192 Advertising 3 Units

A study of media advertising, including magazine, television, radio, newspaper, and direct mail; the purpose and cycles of advertising; laws affecting advertising; and economic effects of advertising. 54 lecture hours. CSU

20815 Richard, L. TR 11:30 AM-12:55 PM LB 207 08/25-12/15

Chemistry

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D	
CHEM 103 College Chemistry 5 Units						CHEM 210 Organic Chemistry 3 Units						
Prerequisite: MATH 030.						Prerequisite: CHEM 112.						
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						A course in organic chemistry including the properties and reactions of alkanes, alkenes, alkynes, alcohols, ethers, thiols, emphasizing fundamental principles and reaction mechanism, stereochemistry and IR spectroscopy. First semester of a one-year course, required for students enrolled in pre-professional programs in medicine, dentistry, pharmacy, veterinary science, biology, and chemistry. CHEM 211L required concurrently for most stated majors. 54 lecture hours. CSU UC						
20124	Farnum, M.	M	05:00 PM-09:15 PM	PS 222	08/25-12/15	20330	Miles, T.	TR	11:30 AM-12:55 PM	PS 222	08/25-12/15	
	Farnum, M.	W	05:00 PM-09:15 PM	PS 222	08/25-12/15		Lecture section only. Lab section also required.					
20139	Farahani, B.	T	02:00 PM-06:15 PM	LH 103	08/25-12/15	20880	Miles, T.	MW	07:35 AM-11:10 AM	PS 203	08/25-12/15	
	Farahani, B.	R	02:00 PM-06:15 PM	LH 103	08/25-12/15		Lab section only. Lecture section also required.					
20121	Ryba, D.	F	08:30 AM-12:45 PM	PS 222	08/25-12/15	20333	Miles, T.	TR	07:35 AM-11:10 AM	PS 203	08/25-12/15	
	Ryba, D.		HRS-ARRG		08/25-12/15		Lab section only. Lecture section also required.					
DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de. Mandatory lab meets on campus. Students required to take exams on campus.						CHEM 211L Organic Chemistry Lab 1 Units						
CHEM 104 College Chemistry 5 Units						Prerequisite: CHEM 210 or Corequisite: CHEM 210.						
Prerequisite: CHEM 103 or CHEM 110.						Introduction to organic laboratory techniques such as melting point, crystallization, distillation, thin layer chromatography, extraction. Synthesis of an ether and an alkene. 54 lab hours. CSU UC						
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						20503 Farahani, B. MW 07:40 AM-09:05 AM PS 113 08/25-12/15						
20173	Farahani, B.	M	05:00 PM-09:15 PM	PS 113	08/25-12/15	Child Development						
	Farahani, B.	W	05:00 PM-09:15 PM	PS 203	08/25-12/15	CHLD 100 Introduction to Education and Teaching 3 Units						
CHEM 110 Beginning General Chemistry 5 Units						Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.						
Prerequisite: MATH 150 or concurrent enrollment.						This course is an introductory course for students wishing to explore the teaching profession in the K-12 setting. Topics include an introduction to teacher performance expectations and California Standards for the teaching profession. Other topics include pedagogical strategies, curriculum design, California subject matter standards, use of technology in today's classroom and the importance of current issues and legislation. In addition, students will be required to observe 45 hours in K-12 classrooms. CSU						
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.						20383 Perry, C. MW 09:55 AM-11:20 AM LB 107 08/25-12/15						
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.						20390 Perry, C. TR 08:20 AM-09:45 AM LB 306 08/25-12/15						
54 lecture hours, 126 lab hours. CSU UC						CHLD 110 Early Childhood Development 3 Units						
20249	Miles, T.	MW	11:30 AM-12:55 PM	PS 113	08/25-12/15	Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.						
	Lecture section only. Lab section also required.						This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. 54 lecture hours. CSU					
20253	Ryba, D.	TR	11:30 AM-12:55 PM	PS 113	08/25-12/15	20378 Hahn, S. MW 01:05 PM-02:30 PM LB 107 08/25-12/15						
	Lecture section only. Lab section also required.						20394 Hahn, S. TR 11:30 AM-12:55 PM LB 107 08/25-12/15					
20265	Montgomery, R.	TR	04:55 PM-06:20 PM	PS 113	08/25-12/15	CHLD 112 Principles of Early Childhood Education I 3 Units						
	Lecture section only. Lab section also required.						Strongly recommended: ENG 099 or READ 099 if required by English placement or if required by English level.					
20269	Johnson, S.	MW	07:35 AM-11:10 AM	PS 222	08/25-12/15	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.						
20281	Miles, T.	MW	01:10 PM-04:45 PM	PS 222	08/25-12/15	CSU						
	Lab section only. Lecture section also required.						20435 Gregg, J. MW 11:30 AM-12:55 PM LB 310 08/25-12/15					
20279	Farahani, B.	TR	07:35 AM-11:10 AM	PS 222	08/25-12/15	20895 Nuttall, A. T 07:00 PM-10:10 PM LB 107 08/25-12/15						
	Lab section only. Lecture section also required.											
20280	Ryba, D.	TR	01:10 PM-04:45 PM	PS 222	08/25-12/15							
	Lab section only. Lecture section also required.											
20282	Montgomery, R.	TR	06:30 PM-10:05 PM	PS 222	08/25-12/15							
	Lab section only. Lecture section also required.											
CHEM 111 General Chemistry 5 Units												
Prerequisite: MATH 150. Passing score on Chemistry Placement Test or CHEM 110.												
A general course in the fundamental principles of chemistry. Topics covered include periodicity, stoichiometry, nomenclature, atomic structure, bonding, chemical calculations, thermodynamics, intermolecular forces, gases and organic chemistry. The course is designed for all science and engineering majors and pre-medical students. 54 lecture hours, 126 lab hours. CSU UC												
20286	Entus, R.	TR	11:30 AM-12:55 PM	LH 103	08/25-12/15							
	Lecture section only. Lab section also required.											
20296	Entus, R.	TR	07:35 AM-11:10 AM	PS 211	08/25-12/15							
	Lab section only. Lecture section also required.											
20324	Smyth, N.	TR	01:10 PM-04:45 PM	PS 211	08/25-12/15							
	Lab section only. Lecture section also required.											
CHEM 112 General Chemistry 5 Units												
Prerequisite: CHEM 111.												
A general course in the fundamental principles of chemistry. Chemistry 112 is a continuation of Chemistry 111 and includes topics of equilibrium, kinetics, acid-base chemistry, electrochemistry, nuclear processes, coordination chemistry and thermodynamics. 54 lecture hours, 126 lab hours. CSU UC												

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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CHLD 114 Home-Child-Community Relations 3 Units

Strongly recommended: ENG 099 or READ 099 if required by English placement or if required by English level.
An examination of the developing child in a societal context which focuses on the interrelationships of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted. The course includes an examination of community resources, the teacher's role and the influences of age, gender, diverse abilities, culture, socio-economic status and public policy factors that affect children and families. 54 lecture hours. CSU

20423	Gregg, J.	TR	09:55 AM-11:20 AM	LB 310	08/25-12/15
20437	Hahn, S.	W	03:40 PM-06:50 PM	LB 107	08/25-12/15

CHLD 116 Introduction to Curriculum 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course will present an overview of knowledge and skills related to providing curriculum and environments for young children from birth through age six. Examination of the teacher's role in supporting learning and development in young children with an emphasis on the essential role of play. This course provides strategies for developmentally appropriate practice based on observation and assessments across the curriculum including the following areas: 1) language and literacy, math and science, 2) creative art and experiences 3) development of physical, social-emotional and cognitive skills. 54 lecture hours. CSU

20826	Hahn, S.	MW	11:30 AM-12:55 PM	LB 107	08/25-12/15
20825	Hahn, S.	TR	09:55 AM-11:20 AM	LB 107	08/25-12/15

CHLD 120 Literacy for Children 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
Students will explore techniques for developing literacy skills in the preschool and early school-age child. Discussion and planning of developmentally appropriate curriculum that supports children's listening, speaking, reading and writing skills. Students will survey children's books and learn techniques to enhance literacy development. A complete language arts program that includes storytelling, puppetry and other relevant literacy experiences will be explored. 54 lecture hours.

20455	Hahn, S.	TR	01:05 PM-02:30 PM	LB 107	08/25-12/15
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CHLD 121 Art for Children 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
Designed to provide the student with opportunities to experience personally and evaluate art and crafts materials used with the preschool and early school-age child to discover the development of creativity in themselves and in children. The student will design developmentally appropriate art curriculum and explore ways to support creative thinking and experiences for children. Students will gain appreciation for art within diverse cultures and society at large. 36 lecture hours.

20479	Doolittle, J.	M	03:50 PM-05:55 PM	LB 107	08/25-12/15
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CHLD 122 Music and Rhythms for Children 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course will provide the student with basic skills and techniques for using musical instruments, recordings and songs and development of rhythmic movement activities to use with preschool and early school-age children. Discussion and planning of developmentally appropriate curriculum that supports children's music and movement needs. Previous music experience not required. 36 lecture hours.

20714	Doolittle, J.	M	06:05 PM-08:10 PM	LB 107	08/25-12/15
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CHLD 123 Science Experiences for Children 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course focuses on planning and implementing science experiences with preschool and early school-age children. Discussion and planning of developmentally appropriate curriculum that supports children's understanding of life, earth and physical science concepts. Exposure to formal, informal and incidental science activities and direct use of science materials. Analysis of the teacher's role in incorporating science concepts within the total program for children. 18 lecture hours.

20486	Doolittle, J.	M	08:15 PM-09:20 PM	LB 107	08/25-12/15
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CHLD 144 Health, Safety and Nutrition for Young Children 3 Units

Strongly recommended: ENGL 099 or READ 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

20851	Ysais, M.	R	03:40 PM-06:50 PM	LB 107	08/25-12/15
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CHLD 154 Observing and Recording Behavior 3 Units

Prerequisites: CHLD 110 or CHLD 111 or PSY 206 and CHLD 112.
This course will focus on principles of observation, collection, organization, and uses of data. Observation as the basis for evaluation of children's skills and the formulation of lesson plans will be the basis of field work assignments. Students will practice a variety of techniques in a variety of different settings. Students will organize data gathered for use in lesson planning and parent conferencing. 54 lecture hours. CSU

20508	Nuttall, A.	T	03:40 PM-06:50 PM	LB 107	08/25-12/15
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Chinese

CHIN 101 Chinese I 5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
A course in elementary Chinese (Mandarin) grammar, vocabulary and pronunciation which aims at understanding, speaking, reading and writing simple Chinese and serves as an introduction to Chinese geography and culture. 90 lecture hours. CSU UC

21122	Yang, R.	TR	06:30 PM-09:00 PM	LB 308	08/25-12/15
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Communications

COMM 100 Mass Media and Society 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
A survey and evaluation of mass media in economic, historical, political, psychological, and sociological terms. Focuses on helping the media consumer understand the power and significance of mass communications: books, newspapers, magazines, radio, television, motion pictures, the Internet, public relations, and advertising. Discusses the rights and responsibilities and interrelatedness of media in a diverse global society. Required for all communications and journalism majors; also a general interest course. 54 lecture hours. CSU UC

20674	O'Neil, M.	TR	09:55 AM-11:20 AM	TC 127	08/25-12/15
21347	Villeneuve, T.	MW	11:30 AM-12:55 PM	LB 203	08/25-12/15
21348	Villeneuve, T.	HRS-ARRG			08/25-12/15

COMM 101 Reporting and Writing News 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
An introduction to defining, gathering, and writing the news. Stresses accuracy, objectivity, fairness, and balance. Practice in interviewing techniques, following rules of professional style, and writing basic news story structures for print, broadcast and online publications. Discussion of issues involving press rights and responsibilities, cultural sensitivity, taste, libel, and ethics. Required of all communication and journalism majors. 54 lecture hours. CSU

20043	O'Neil, M.	TR	08:20 AM-09:45 AM	LS 120	08/25-12/15
21357	Villeneuve, T.	MW	01:05 PM-02:30 PM	LB 203	08/25-12/15

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
COMM 103 Freelance Journalism 1 Units						CIS 099 Introduction to Windows and Personal Computers 2 Units					
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, ENGL 100. This course is designed to accommodate students who wish to contribute to the campus newspaper, magazines and/or student publications websites but are unable to enroll in regular staff classes. Students who are interested in advertising, writing, photography, art, graphics and/or page design may participate in student publications to a limited extent through this class. Freelance Journalism may be repeated four times. 54 lab hours. CSU 20045 O'Neil, M. F 09:00 AM-12:10 PM TC 123 08/25-12/15 +54 TOTAL HRS ARR						Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. This course covers computer literacy concepts. It provides an introduction to the personal computer via the Windows operating systems. The course prepares students to operate a computer using the Windows graphical user interface. It is designed for students with no previous computer experience. 36 lecture hours. 21397 Solis, R. MW 08:00 AM-08:55 AM IS 108 08/25-12/15 21409 Mustain, J. TR 09:15 AM-10:10 AM IS 110 08/25-12/15 21410 Mustain, J. TR 10:20 AM-11:15 AM IS 110 08/25-12/15					
COMM 104 Public Relations 3 Units						CIS 107 Information Systems & Applications 4 Units					
Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 20047 Long, S. W 07:00 PM-10:10 PM LB 308 08/25-12/15						Strongly recommended: CIS 099. Also, ENGL 099 or READ 099 if required by English placement or if required by English level. Strongly recommended: Knowledge of MS Windows. This course covers essential concepts of information technology. Topics include computer hardware, software, programming concepts, network/Internet technologies, ethics and emerging technologies. 72 lecture hours. CSU UC 21399 Flores, R. MW 11:30 AM-01:35 PM IS 110 08/25-12/15 21398 Solis, R. TR 09:15 AM-11:20 AM IS 108 08/25-12/15 21400 Flores, R. TR 11:30 AM-01:35 PM IS 110 08/25-12/15 21401 Flores, R. HRS-ARRG 08/25-12/15 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus.					
COMM 136 Cultural History of American Films 3 Units						CIS 119 Introduction To Web Programming 3 Units					
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. In considering the history of American commercial motion picture culture from its origins to the present, students will study film language, the social composition of audiences, the economics of the film industry, major themes and genres that have appeared in American films, and the relationship between politics and American motion pictures. Meets IGETC fine arts requirement. 54 lecture hours. CSU UC 21358 Villeneuve, T. TR 01:05 PM-02:30 PM LB 304 08/25-12/15						Prerequisite: CIS 099 or CIS 107. Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. This course provides students with the skills to design and publish Web pages using the latest version of XHTML. Students will also work with XML and JavaScript to create custom Web pages for personal and professional environments. 54 lecture hours. CSU 21403 Flores, R. HRS-ARRG 08/25-12/15 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus.					
COMM 230 Desktop Publishing 3 Units						CIS 130 Microcomputer Applications I 4 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 arranged. CSU 20050 O'Neil, M. MW 11:00 AM-11:50 AM TC 123 08/25-12/15 +54 TOTAL HRS ARR						Strongly recommended: CIS 099 or CIS 107. Also, ENGL 099 or READ 099 if required by English placement or if required by English level. Students will use the personal computer to learn an office suite, such as Microsoft Office, that includes word processing, electronic spreadsheets, database management systems, multimedia/presentation graphics, and personal information management. Prepares students to take the Microsoft Office User Specialist certification exams. 72 lecture hours. CSU UC 21392 Mustain, J. MW 11:30 AM-01:35 PM IS 108 08/25-12/15 21393 Mustain, J. TR 11:30 AM-01:35 PM IS 108 08/25-12/15 21394 Mustain, J. W 06:00 PM-10:15 PM IS 108 08/25-12/15 21395 Solis, R. HRS-ARRG 08/25-12/15 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus.					
COMM 240 Newspaper Production Staff 3 Units						CIS 150 Web Development Dreamweaver 3 Units					
Strongly recommended: COMM 101. Staff members gather, evaluate, write, photograph, and edit the news for publication in the student media. Working with the editorial board and desktop publishing classes as a production team, the staff plans, budgets, and designs each issue. This course may be taken four times. 36 lecture hours, 54 lab hours arranged. CSU 20052 O'Neil, M. MW 10:00 AM-10:50 AM TC 127 08/25-12/15 +54 TOTAL HRS ARR						Strongly recommended: CIS 105. Also, ENGL 099 or READ 099 if required by English placement or if required by English level. This course is part of a series exploring the Macromedia Suite (Dreamweaver, Flash, Fireworks). This course introduces the basic features of Dreamweaver. Topics include: the Dreamweaver interface, the CSS, HTML integration, images, tables, forms, and layers. 54 lecture hours. 21407 Flores, R. HRS-ARRG 10/22-12/15 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Second Eight Weeks Students required to take exams on campus.					
COMM 245 Editorial Board Workshop 2 Units						COMM 250 Multimedia Reporting 3 Units					
Strongly recommended: COMM 101. A study of the major aspects of editorial responsibilities. Taught in a laboratory setting, the course provides practical instruction and experience for campus editors in writing, editing, and evaluating each issue of the campus newspaper and magazine, as well as formulating editorial policy. This course may be taken four times. 18 lecture hours, 54 lab hours arranged. CSU CSU 20054 O'Neil, M. W 12:00 PM-12:50 PM TC 123 08/25-12/15 +54 TOTAL HRS ARR						Strongly recommended: COMM 101. Also, ENGL 099 or READ 099 if required by English placement or if required by English level. This convergence journalism course incorporates print and broadcast techniques to produce multimedia pieces for the web. This includes multimedia storytelling incorporating writing, digital photography, shooting and editing video, and recording and editing sound. 54 lecture hours. CSU 20994 Rashidi, W. F 09:00 AM-12:10 PM TC 127 08/25-12/15					

Computer Information Systems

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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CIS 162 Electronic Spreadsheets with Excel 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course provides comprehensive instruction in the use of spreadsheet software to create, edit, store, retrieve, and print spreadsheets and charts. Topics include completing calculations, making decisions, organizing and graphing data, developing professional looking reports, publishing organized data to the Web, and accessing real-time data from Web sites. 54 lecture hours. CSU
 21408 Flores, R. MW 08:20 AM-09:45 AM IS 110 08/25-12/15

Computer Science

CS 111 Introduction to Programming Concepts and Design 4 Units

Strongly recommended: CIS 107. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 An introduction to the principles of computer programming and software development. Topics covered include the program development cycle, developing algorithms, data and control structures, structured programming, and object-oriented programming. Data types, expressions, control structures, functions, file and stream I/O, and structured and abstract data types are introduced in this course. Microsoft's Visual Studio to help illustrate programming concepts common to modern high-level programming languages. Students must wait two years before retaking this course. 72 lecture hours. CSU UC
 21402 Solis, R. MW 09:15 AM-11:20 AM IS 108 08/25-12/15

Cosmetology

COS 141 Introduction to Cosmetology 12 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This is the introductory course for students majoring in cosmetology. The course includes the exploration of a variety of subjects including hairstyling, skin care, nail care, hair coloring, chemical texturizing and practical experience in cosmetology. Material fee. 144 lecture hours, 144 lab hours.
 20897 Morrish, M. MTWR 07:30 AM-09:35 AM TC 208 08/25-12/15
 Morrish, M. MTWR 09:35 AM-11:40 AM TC 208 08/25-12/15
Additional fees for the Cosmetology Program Kit are approximately \$2,000. The 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.
 20899 Morrish, M. MTWR 12:30 PM-02:35 PM TC 208 08/25-12/15
 Morrish, M. MTWR 02:35 PM-04:40 PM TC 208 08/25-12/15
Additional fees for the Cosmetology Program Kit are approximately \$2,000. The Kit must be purchased on-line from the Owl Book Store link at time of registration or on the first day of class to be able to continue in the Program. Call the Department at 626/914-8710 for further questions.

COS 161A Haircolor I 4 Units

Prerequisite: COS 140 or COS 141 or concurrent enrollment.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A continuation of the science and theory of professional haircoloring techniques and procedures in COS 141. Lectures, demonstrations, and practical experience in the following areas: chemistry of products, hair analysis, practical application and design principles. Part one of a two-part course. 40 lecture hours, 104 lab hours.
 20903 Lucido, G. MTWRF 07:30 AM-09:30 AM PC 113 08/27-09/21
 Lucido, G. MTWRF 09:30 AM-03:00 PM PC 113 08/27-09/21
 20904 Smith, R. MTWR 05:30 PM-06:35 PM PC 113 08/27-10/19
 Smith, R. MTWR 06:35 PM-09:40 PM PC 113 08/27-10/19
 21183 Lucido, G. MTWRF 07:30 AM-09:35 AM PC 113 10/22-11/16
 Lucido, G. MTWRF 09:35 AM-02:40 PM PC 113 10/22-11/16

COS 161B Haircolor II 4 Units

Prerequisite: COS 154 and COS 161A.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A continuation of the science, theory, professional haircoloring techniques, and procedures following COS 161A. Lectures, demonstrations, and practical experience in the following areas: advanced hair coloring procedures, advanced lightening procedures, specialized color application, and corrective haircolor. Part two of a two-part course. 40 lecture hours, 104 lab hours.
 20906 Lucido, G. MTWRF 07:30 AM-09:35 AM PC 113 11/19-12/14
 Lucido, G. MTWRF 09:35 AM-03:00 PM PC 113 11/19-12/14
 20905 Lucido, G. MTWRF 07:30 AM-09:30 AM PC 113 09/24-10/19
 Lucido, G. MTWRF 09:30 AM-02:35 PM PC 113 09/24-10/19
 21009 Smith, R. MTWR 05:30 PM-06:35 PM PC 113 10/22-12/14
 Smith, R. MTWR 06:35 PM-09:40 PM PC 113 10/22-12/14

COS 172A Hair Design I 4 Units

Prerequisite: COS 161B and COS 181B.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A continuation of the science and theory of professional hairstyling techniques and procedures completed in COS 141. Lectures, demonstrations and practical experience in the following areas: wet hair styling, thermal styling and long hair design. Part one of a two-part course. 40 lecture hours, 104 lab hours.
 20908 Graciano, A. MTWRF 07:30 AM-09:35 AM PC 112 08/27-09/21
 Graciano, A. MTWRF 09:35 AM-02:40 PM PC 112 08/27-09/21
 21185 Graciano, A. MTWRF 07:30 AM-09:35 AM PC 112 10/22-11/16
 Graciano, A. MTWRF 09:35 AM-02:40 PM PC 112 10/22-11/16

COS 172B Hair Design II 4 Units

Prerequisite: COS 172A.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A continuation of the science and theory of professional hairstyling techniques and procedures following COS 172A. Lectures, demonstrations, and practical experience in the following areas: Hair care, scalp diseases/disorders, advanced wet/thermal hairstyling, advanced long hair design, and creative artistry in hair design. Part two of a two-part course. 40 lecture, 104 lab hours.
 20912 Graciano, A. MTWRF 07:30 AM-09:35 AM PC 112 11/19-12/14
 Graciano, A. MTWRF 09:35 AM-03:00 PM PC 112 11/19-12/14
 20910 Graciano, A. MTWRF 07:30 AM-09:30 AM PC 112 09/24-10/19
 Graciano, A. MTWRF 09:30 AM-02:40 PM PC 112 09/24-10/19

COS 178A Chemical Texturizing I 4 Units

Prerequisite: COS 161B and COS 181B.
 Strongly recommended: ENG 099 or READ 099 if required by English placement or if required by English level.
 A continuation of the science and theory of professional permanent waving and straightening techniques and procedures introduced in Cosmetology 141. Lectures, demonstrations, and practical experience in the following areas: permanent waving, chemical hair straightening and the chemistry of products. Part one of a two-part course. 40 lecture hours, 104 lab hours.
 20914 Hernandez, S. MTWRF 07:30 AM-09:35 AM PC 122 08/27-09/21
 Hernandez, S. MTWRF 09:35 AM-02:40 PM PC 122 08/27-09/21
 20915 Hernandez, S. MTWRF 07:30 AM-09:35 AM PC 122 10/22-11/16
 Hernandez, S. MTWRF 09:35 AM-02:40 PM PC 122 10/22-11/16

COS 178B Chemical Texturizing III 4 Units

Prerequisite: COS 178A.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A continuation of the science and theory of professional permanent waving and straightening techniques and procedures introduced in COS 178A. Lectures, demonstrations and practical experience in the following areas: hair reformation, trichology, scalp and chemical procedures and treatments. Part two of a two-part course. 40 lecture hours, 104 lab hours.
 20916 Hernandez, S. MTWRF 07:30 AM-09:30 AM PC 122 09/24-10/19
 Hernandez, S. MTWRF 09:30 AM-02:40 PM PC 122 09/24-10/19
 20917 Hernandez, S. MTWRF 07:30 AM-09:35 AM PC 122 11/19-12/14
 Hernandez, S. MTWRF 09:35 AM-03:00 PM PC 122 11/19-12/14

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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COS 181A Hairstyling I 4 Units

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

A continuation of the theory of professional haircutting techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: Women's haircutting, men's haircutting and clipper cutting. Part one of a two-part course. 40 lecture hours, 104 lab hours.

20919	Bautista, S.	MTWRF	07:30 AM-09:35 AM	PC 108	08/27-09/21
	Bautista, S.	MTWRF	09:35 AM-02:40 PM	PC 108	08/27-09/21
20920	Bautista, S.	MTWRF	07:30 AM-09:35 AM	PC 108	10/22-11/16
	Bautista, S.	MTWRF	09:35 AM-02:40 PM	PC 108	10/22-11/16
21014	Valdez, A.	MTWR	05:30 PM-06:35 PM	PC 108	08/27-10/19
	Valdez, A.	MTWR	06:35 PM-09:40 PM	PC 108	08/27-10/19

COS 181B Hairstyling II 4 Units

Prerequisite: COS 181A.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.

A continuation of the theory of professional haircutting techniques and procedures following COS 181A. Lectures, demonstrations and practical experience continue with advanced techniques applied in ladies and male haircutting. Part two of a two-part course. 40 lecture hours, 104 lab hours.

20921	Bautista, S.	MTWRF	07:30 AM-09:30 AM	PC 108	09/24-10/19
	Bautista, S.	MTWRF	09:30 AM-02:40 PM	PC 108	09/24-10/19
21018	Bautista, S.	MTWRF	07:30 AM-09:35 AM	PC 108	11/19-12/14
	Bautista, S.	MTWRF	09:35 AM-03:00 PM	PC 108	11/19-12/14
21189	Valdez, A.	MTWR	05:30 PM-06:35 PM	PC 108	10/22-12/14
	Valdez, A.	MTWR	06:35 PM-09:40 PM	PC 108	10/22-12/14

COS 182 Skincare 4 Units

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

A continuation of the science and theory of professional skincare, make-up techniques and procedures introduced in COS 141. Lectures, demonstrations and practical experience in the following areas: anatomy and physiology, skin diseases and disorder, hair removal, electricity and electrical modalities for facials/skincare and facial treatments. 40 lecture hours, 104 lab hours.

20922	Glover, P.	MTWR	07:30 AM-08:30 AM	PC 109	08/27-10/19
	Glover, P.	MTWR	08:30 AM-11:50 AM	PC 109	08/27-10/19
20923	Glover, P.	MTWR	12:30 PM-01:30 PM	PC 109	10/22-12/14
	Glover, P.	MTWR	01:30 PM-04:50 PM	PC 109	10/22-12/14

COS 183 Nail Care 4 Units

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

A continuation of the science and theory of professional nail care techniques and procedures introduced in Cosmetology 141. Lectures, demonstrations, and practical experience in the following areas: natural nail care, artificial nail enhancements, products, procedures and safety measures for the professional cosmetologist. 40 lecture hours, 104 lab hours.

20924	Glover, P.	MTWR	07:30 AM-08:30 AM	PC 109	10/22-12/14
	Glover, P.	MTWR	08:30 AM-11:50 AM	PC 109	10/22-12/14
20925	Glover, P.	MTWR	12:30 PM-01:30 PM	PC 109	08/27-10/19
	Glover, P.	MTWR	01:30 PM-04:50 PM	PC 109	08/27-10/19

COS 199A Esthetician I 8 Units

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

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

20926	Everett, A.	MTWRF	07:30 AM-09:30 AM	P1 101	08/27-10/19
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Everett, A. MTWRF 09:30 AM-02:35 PM P1 101 08/27-10/19
Phase one of a three-part course. Additional fees for the Esthetician Kit are approximately \$1430 plus a miscellaneous cost of \$100. The Program Kit must be purchased on line from the Owl Bookshop link at time of registration or on the first day of class to be able to continue in the Program.
 Call the Department at 626/914-8710 for further questions.

COS 199B Esthetician II 8 Units

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

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

20927	Everett, A.	MTWRF	07:30 AM-09:30 AM	P1 101	10/22-12/14
	Everett, A.	MTWRF	09:30 AM-02:35 PM	P1 102	10/22-12/14

Phase two of a three-part course.

Counseling

COUN 145 Career/Life Planning 3 Units

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

Through personal exploration, occupational research and the study of contemporary work issues, students will increase their understanding of the relationship of the individual to the economic community and develop individual career plans. Maximum credit allowed for Career Education 143, 145, 150, and 155 is three units. 54 lecture hours. CSU

21180	Rivadeneira, J.	MW	11:30 AM-12:55 PM	SS 166	08/25-12/15
21265	Yee, S.	HRS-ARRG			08/25-12/15

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

COUN 159 On Course to Success 3 Units

This course will assist students in identifying the unique strengths they possess that will lead toward achieving academic mastery, career, and life success. Students will learn how they learn best and utilize this information to build a personal success plan. Through an exploration and critical analysis of the components of a successful student, students will analyze their reasons for attending college and develop a "success plan" that addresses maintaining motivation, goals setting, improving communication, maintaining self-esteem, and detailing how they may overcome obstacles. 54 lecture hours.

21181	McLeod, J.	MW	09:55 AM-11:20 AM	SS 165	08/25-12/15
20738	Castillo, C.	TR	09:55 AM-11:20 AM	SS 211	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in ENGL 099 CRN 21135.					
20740	Hinojosa, J.	TR	09:55 AM-11:20 AM	SS 166	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in ENGL 099 CRN 21147.					

COUN 160 Strategies for College Success 3 Units

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

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

20788	McBurney, R.	MW	11:30 AM-12:55 PM	SS 211	08/25-12/15
20734	Romo, E.	TR	08:20 AM-09:45 AM	SS 165	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in ENGL 099 CRN 21144.					
20739	McLeod, J.	TR	09:55 AM-11:20 AM	SS 165	08/25-12/15
This class is recommended for students with disabilities.					
21454	Villa, E.	TR	11:30 AM-12:55 PM	SS 166	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in BUS 130 CRN 21440.					
20746	Herrera, R.	HRS-ARRG			08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
20823	Christianson, M.	T	07:00 PM-09:50 PM	P3 105	08/25-12/15
This class is for veterans, their families, and friends.					

Dance

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
DANC 130 Alignment and Correctives 2 Units						Corequisite: Concurrent enrollment required in MUS 116 or 126. This course is an in-depth performance experience focusing on styles of body movement for Musical Theatre stage productions. The fundamentals of dance will be reviewed, including basic ballet positions and exercises and basics in tap. Concepts of the history of dance in musical stage will also be explored. This course may be taken four times. 36 hours lecture, 18 lab hours and 90 lab hours arranged. CSU UC					
20002	Vaughan, J.	T	11:30 AM-01:35 PM	VT 323	08/25-12/15	21406	Vaughan, J.	M	11:30 AM-01:35 PM	VT 323	08/25-12/15
	Vaughan, J.	T	01:35 PM-02:30 PM	VT 323	08/25-12/15		Vaughan, J.	M	01:35 PM-02:30 PM	VT 323	08/25-12/15
DANC 158 Hop-Hop Dance Techniques 1 Units						+ 90 TOTAL HRS ARR					
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. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC						21433 Liskey, R. M 11:30 AM-01:35 PM VT 323 08/25-12/15					
21233	Liskey, R.	M	05:25 PM-06:25 PM	VT 323	08/25-12/15		Liskey, R.	M	01:35 PM-02:30 PM	VT 323	08/25-12/15
	Liskey, R.	M	06:25 PM-08:30 PM	VT 323	08/25-12/15	+ 90 TOTAL HRS ARR					
DANC 159 Beginning Tap 1 Units						DANC 265 Musical Staging: Rehearsal and Performance 2 Units					
Designed to instruct students in the dance technique of beginning tap. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC						Corequisite: DANC 263. Special rehearsal and public performance above and beyond normal class expectations. This course may be taken four times. 18 lecture hours, 36 lab and 18 lab hours arranged. CSU UC					
20112	Vaughan, J.	T	02:40 PM-03:40 PM	VT 323	08/25-12/15	21434	Vaughan, J.	W	11:30 AM-01:35 PM	VT 323	08/25-12/15
	Vaughan, J.	T	03:40 PM-04:45 PM	VT 323	08/25-12/15		Vaughan, J.	W	01:35 PM-02:30 PM	VT 323	08/25-12/15
DANC 160 Jazz Dance Techniques 1 Units						+ 18 TOTAL HRS ARR					
A survey of the basic skills in jazz movement. This class provides basic technique and practice warm-ups, stretching, body control, and the building of stamina and strength progressing to dance combinations. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC						DANC 270 Intermediate Jazz Dance II 1 Units					
21234	Valverde, Y.	R	11:30 AM-12:30 PM	VT 323	08/25-12/15	Prerequisite: DANC 260 or Audition. Designed to instruct students in the advanced techniques of advanced jazz dance for the purpose of performance. More challenging dance combinations and instruction in individual body control, strength, stamina, style, and line. This course may be taken four times. 18 lecture hours, 18 lab hours, 18 lab hours arranged. CSU UC					
	Valverde, Y.	R	12:30 PM-02:40 PM	VT 323	08/25-12/15	20144	Valverde, Y.	F	12:00 PM-01:00 PM	VT 323	08/25-12/15
DANC 162 Beginning Ballet 1 Units						20144 Valverde, Y. F 01:00 PM-02:05 PM VT 323 08/25-12/15					
Designed to instruct students in the dance technique of classical ballet. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC						Arranged hours will be on Fridays 2:05-3:05pm in VT323. + 18 TOTAL HRS ARR					
20008	Allgaier, J.	T	08:35 PM-09:25 PM	VT 323	08/25-12/15	DANC 272 Intermediate Ballet II 1 Units					
	Allgaier, J.	R	08:35 PM-10:40 PM	VT 323	08/25-12/15	Prerequisite: DANC 262 or Audition. A course in the advanced techniques of classical ballet for the purpose of performance. A more in-depth study of movement vocabulary centered on individual style, strength, and technique. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC					
DANC 259 Intermediate Tap I 1 Units						20135 Allgaier, J. T 07:00 PM-07:50 PM VT 323 08/25-12/15					
Prerequisite: DANC 159 or Audition. Designed to instruct students in the intermediate dance technique of tap. More study of the positions and combinations of tap. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC						Allgaier, J. R 06:20 PM-08:25 PM VT 323 08/25-12/15					
20234	Vaughan, J.	T	02:40 PM-03:40 PM	VT 323	08/25-12/15	DANC 281 Advanced Jazz Dance I 1 Units					
	Vaughan, J.	T	03:40 PM-04:45 PM	VT 323	08/25-12/15	Prerequisite: DANC 270 or Audition. Designed to instruct students in the advanced techniques of advanced jazz dance for the purpose of performance. More challenging dance combinations and instruction in individual body control, strength, stamina, style, and line. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC					
DANC 260 Intermediate Jazz Dance I 1 Units						20148 Valverde, Y. F 12:00 PM-12:50 PM VT 323 08/25-12/15					
Prerequisite: DANC 160 or Audition. Development of the techniques necessary to execute modern jazz dance. This class is designed to further develop the techniques of the student with intermediate instruction in stretching, body control, strength, stamina more challenging dance combinations and progression of personal style. This course may be taken four times. 18 lecture hours, 36 lab hours. CSU UC						Valverde, Y. F 01:00 PM-03:05 PM VT 323 08/25-12/15					
20723	Valverde, Y.	F	12:00 PM-01:00 PM	VT 323	08/25-12/15	DANC 289 Dance Concert Production 3 Units					
	Valverde, Y.	F	01:00 PM-03:05 PM	VT 323	08/25-12/15	Prerequisite: Audition. Live dance concert production. Students will function as dance members in a fully produced dance production. The course is also open to all qualified students who wish to participate in production. This course may be taken four times. 36 lecture hours, 72 lab hours. CSU UC					
DANC 262 Intermediate Ballet I 1 Units						21435 Vaughan, J. F 03:15 PM-05:20 PM VT 323 08/25-12/15					
Prerequisite: DANC 162 or Audition. Designed to instruct students in the intermediate dance technique of classical ballet. A more in-depth study of the positions and combinations of ballet. This course may be taken four times. 18 hours lecture, 36 hours lab. CSU UC						Vaughan, J. F 05:20 PM-06:15 PM VT 323 08/25-12/15					
20129	Allgaier, J.	T	07:00 PM-07:50 PM	VT 323	08/25-12/15	Vaughan, J. S 12:00 PM-03:15 PM VT 323 08/25-12/15					
	Allgaier, J.	R	06:20 PM-08:25 PM	VT 323	08/25-12/15	AUDITION: Friday, August 31, 2012 at 3pm in VT323. All students should be dressed to dance. Bring tap, ballet, and jazz shoes. Course does not have Waitlist.					
DANC 263 Dance for Musical Theatre 4 Units						Dental Assisting					

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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DENT 100 Dental Assisting Basics 2.5 Unit:

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

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

20020 Pohl, C. TR 08:30 AM-11:05 AM PC 223 08/25-10/20
First Eight Weeks

Mandatory Orientation on Thursday, August 9, 2012, 2:00pm - 4:00pm in PC 223.

Call Mrs. Pohl at 626-914-8728 to schedule.

Course does not have Waitlist.

DENT 101 Chairside Assisting 3 Units

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.

This lecture/lab course provides preclinical instruction in four-handed dentistry techniques and prepares the student to assist a dentist at chairside. Content includes: the use and care of dental equipment, oral evacuation, instrument transfer, tray setups, infection control, preparation of anesthetic syringe, rubber dam, toffemire matrix, cavity preparation, and rotary and hand instruments.

Emphasis is placed on the responsibilities of a chairside dental assistant during general restorative procedures. 45 lecture hours, 45 lab hours, 27 lab hours arranged.

20031 Gonzales, R. MW 08:30 AM-11:10 AM PC 223 08/25-10/20
Lecture section only. Lab section also required.

First Eight Weeks

Course does not have Waitlist.

20032 Pohl, C. F 08:30 AM-01:55 PM PC 215 08/25-10/20

Lab section only. Lecture section also required.

+ 27 TOTAL HRS ARR

First Eight Weeks

Course does not have Waitlist.

20686 Gonzales, R. F 08:30 AM-01:50 PM PC 223 08/25-10/20

Lab section only. Lecture section also required.

+ 27 TOTAL HRS ARR

First Eight Weeks

Course does not have Waitlist.

DENT 102 Dental Materials 2.5 Unit:

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.

This course presents the basic physical and technical aspects of dental materials utilized in restorative, and laboratory dental procedures. It is designed to develop the manipulative skills necessary for the application of these materials. 36 lecture hours, 36 lab hours, 18 lab hours arranged.

20041 Arredondo, D. MW 12:00 PM-02:10 PM PC 223 08/25-10/20
Lecture section only. Lab section also required.

First Eight Weeks

Course does not have Waitlist.

20044 Arredondo, D. T 12:00 PM-04:15 PM PC 215 08/25-10/20

Lab section only. Lecture section also required.

+ 18 TOTAL HRS ARR

First Eight Weeks

Course does not have Waitlist.

20690 Cusick, T. T 12:00 PM-04:15 PM PC 223 08/25-10/20

Lab section only. Lecture section also required.

+ 18 TOTAL HRS ARR

First Eight Weeks

Course does not have Waitlist.

DENT 121 Preclinical Dental Science 2 Units

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.

The study of the basic structure and function of the human anatomy as it relates to the oral cavity. This course provides instruction on oral histology and embryology, head and neck anatomy, and oral pathology with emphasis on their relationship to and affect on dental treatment. 36 lecture hours.

20051 Pohl, C. TR 08:30 AM-10:40 AM PC 223 10/22-12/15
Second Eight Weeks

Course does not have Waitlist.

DENT 122 Infection Control in the Dental Office 1.5 Unit:

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.

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

20053 Arredondo, D. W 08:30 AM-12:00 PM PC 223 10/22-12/15
Second Eight Weeks

Course does not have Waitlist.

DENT 124 Dental Specialties 2 Units

Prerequisite: Completion of, or concurrent enrollment required in, DENT 100.

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

20056 Parry, E. TR 11:00 AM-01:10 PM PC 223 10/22-12/15
Second Eight Weeks

Course does not have Waitlist.

DENT 125 Dental Practice Management 2 Units

Prerequisite: DENT 100 and DENT 101 or DENT 102.

This course is designed to provide instruction in the application of skills and responsibilities of a business assistant in a dental practice. Fundamentals in basic bookkeeping procedures, communication skills, appointment scheduling, dental insurance, records management, employment preparation, and banking/financial procedures. Instruction includes integration of material through lecture, practical experience and the use of computers.

36 lecture hours, 9 lab hours.

20057 Arredondo, D. F 08:30 AM-12:45 PM LS 120 08/25-10/20

Arredondo, D. F 01:30 PM-02:35 PM LS 120 08/25-10/20

Lecture and Lab section.

First Eight Weeks

Course does not have Waitlist.

DENT 201 Dental Radiology 2 Units

Prerequisite: DENT 100, DENT 101, and DENT 102.

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

20985 Arredondo, D. M 08:30 AM-10:50 AM PC 223 10/22-12/15

Lecture section only. Lab section also required.

Second Eight Weeks

Course does not have Waitlist.

20396 Cusick, T. M 05:30 PM-08:50 PM PC 223 10/22-12/15

Cusick, T. W 01:30 PM-04:50 PM PC 223 10/22-12/15

Lab section only. Lecture section also required.

Second Eight Weeks

Course does not have Waitlist.

20747 Arredondo, D. T 05:30 PM-08:50 PM PC 223 10/22-12/15

Arredondo, D. R 01:30 PM-04:50 PM PC 223 10/22-12/15

Lab section only. Lecture section also required.

Also meets Friday, November 30, 2012, from 1:30pm to 4:40pm

Second Eight Weeks

20748 Cusick, T. M 01:30 PM-04:50 PM PC 223 10/22-12/15

Cusick, T. W 05:30 PM-08:50 PM PC 223 10/22-12/15

Lab section only. Lecture section also required.

Second Eight Weeks

20749 Arredondo, D. T 01:30 PM-04:50 PM PC 223 10/22-12/15

Arredondo, D. R 05:30 PM-08:50 PM PC 223 10/22-12/15

Lab section only. Lecture section also required.

Also meets on Friday, November 30, 2012, from 5:30pm to 8:40pm.

Second Eight Weeks

DENT 203 Dental Practice Experience 5.5 Unit:

Prerequisite: DENT 122, 124, and 201.

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

20433 Arredondo, D. HRS-ARRG PC 223 08/25-12/15
Mandatory Orientation on Wednesday, August 22, 2012, 8:00am - 5:00pm in PC 215.

Course does not have Waitlist.

Drafting - Com Gen Imagery CGI

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
DRAF 290 Introduction to Maya Practices 3 Units						20393	Hathaway, G.	MW	09:55 AM-11:20 AM	LH 102	08/25-12/15
Strongly Recommended: DRAF 160 or DRAF 161 or digital art classes. Introduction to modeling, animation and render using Maya with a focus on establishing a working knowledge of Maya's animation tools and techniques, this course builds a solid foundation for developing character animation and special effects sequences. The course uses the two different sections of the Learning Maya tutorial book to provide the student with an overview of the Maya environment and how it can be applied to their work. 36 lecture hours, 54 lab hours. CSU						21333	Johnson, D.	MW	05:25 PM-06:50 PM	LH 102	08/25-12/15
						21072	Hathaway, G.	TR	08:20 AM-09:45 AM	LH 102	08/25-12/15
						21334	Wagner, A.	TR	05:25 PM-06:50 PM	LH 102	08/25-12/15
						21381	Wagner, A.	T	07:00 PM-10:10 PM	LH 102	08/25-12/15

Drafting - Mechanical

DRAF 101 Beginning Computer Aided Design (CAD) 3 Units

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

21206	Yu, J.	TR	08:00 AM-09:00 AM	PC 309	08/25-12/15
	Yu, J.	TR	09:00 AM-11:10 AM	PC 306	08/25-12/15

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

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

An intermediate course in which the CAD system is applied to special problems in design. Techniques in creating symbol libraries are explored. Proper and efficient methods of producing plan views, sections, details and elevations are introduced along with dimensioning fundamentals and sheet layout. 36 lecture hours, 36 lab hours. CSU

21020	Rodriguez, E.	TR	06:00 PM-07:00 PM	PC 309	08/25-12/15
	Rodriguez, E.	TR	07:00 PM-08:05 PM	PC 309	08/25-12/15

Earth Science

ESCI 119 Physical Geology without Laboratory 3 Units

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

This course investigates the dynamic nature of the Earth through the study of earth processes including: plate tectonics, earthquakes and the Earth's interior, mineral and rock systems, crustal deformation, weathering processes, glaciers, and deserts. 54 lecture hours. CSU UC

21335	Hathaway, G.	MW	08:20 AM-09:45 AM	LH 102	08/25-12/15
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ESCI 120 Physical Geology with Laboratory 4 Units

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

This course investigates the dynamic nature of the Earth through the study of earth processes including: plate tectonics, earthquakes and the Earth's interior, mineral and rock systems, crustal deformation, weathering processes, glaciers, and deserts. 54 lecture hours, 54 lab hours. CSU UC

20441	Hathaway, G.	TR	09:55 AM-11:20 AM	LH 102	08/25-12/15
Lecture section only. Lab section also required.					
20449	Hathaway, G.	T	11:30 AM-02:40 PM	TC 122	08/25-12/15
Lab section only. Lecture section also required.					
20810	Hathaway, G.	T	02:50 PM-06:00 PM	TC 122	08/25-12/15
Lab section only. Lecture section also required.					
20694	Hathaway, G.	W	11:30 AM-02:40 PM	TC 122	08/25-12/15
Lab section only. Lecture section also required.					
20454	Hathaway, G.	R	11:30 AM-02:40 PM	TC 122	08/25-12/15
Lab section only. Lecture section also required.					

ESCI 130 Physical Oceanography 3 Units

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

A study of marine geology and topography, physical processes within the marine environment, such as waves and currents, tides, sea-floor spreading, marine provinces, marines sediments, and environmental relationships. 54 lecture hours. CSU UC

ESCI 180 Introduction to Geographic Information Systems 3 Units

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

An introduction GIS course that will teach the theory and use of GIS software in a number of fields including business, resource management, Earth Sciences, and urban planning. Recommended for anyone using spatial data in their profession. 36 hours lecture, 90 hours lab. CSU UC

20379	Kang, H.	MW	06:00 PM-07:05 PM	IS 110	08/25-12/15
	Kang, H.	MW	07:05 PM-09:35 PM	IS 110	08/25-12/15

Economics

ECON 100 Economics 3 Units

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

Introduction to the concepts and tools of economic analysis, especially as they apply to the United States economy. The major topics studied are business organizations, government expenditures and taxation, business cycles, price determination, the distribution of income and economic growth. 54 lecture hours. CSU UC

20689	Zawahreh, L.	TR	08:20 AM-09:45 AM	LB 103	08/25-12/15
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ECON 101 Principles of Economics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030.

An introductory course that focuses on aggregate economic analysis. Topics include market systems; economic cycles including recessions, unemployment and inflation; national income accounts; macroeconomic equilibrium; money and financial institutions; monetary and fiscal policy; and international trade and finance. 54 lecture hours. CSU UC

20750	Styles, C.	MW	01:05 PM-02:30 PM	LB 102	08/25-12/15
20080	Styles, C.	TR	11:30 AM-12:55 PM	LB 102	08/25-12/15
20114	Styles, C.	TR	01:05 PM-02:30 PM	LB 102	08/25-12/15
21444	Coson, M.	R	03:40 PM-06:50 PM	LB 306	08/25-12/15
20107	Al-Sabea, T.	R	07:00 PM-10:10 PM	LB 310	08/25-12/15
21237	Styles, C.	HRS-ARRG			08/25-12/15

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

ECON 102 Principles of Economics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030.

Microeconomics, an introductory course that focuses on the decision making from the viewpoint of the individual consumer, worker, and firm. Emphasis is on the price system, allocation of resources and income, supply and demand analysis, structure of the American industry, and applications to current economic policy and problems. 54 lecture hours. CSU UC

20900	Styles, C.	MW	09:55 AM-11:20 AM	LB 102	08/25-12/15
20715	Styles, C.	MW	11:30 AM-12:55 PM	LB 102	08/25-12/15
20153	Zawahreh, L.	TR	11:30 AM-12:55 PM	LB 302	08/25-12/15
20145	Zawahreh, L.	TR	01:05 PM-02:30 PM	LB 303	08/25-12/15
20158	Styles, C.	HRS-ARRG			08/25-12/15

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

Emer Mgmt and Homeland Sec

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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EMER 162 Principles of Emergency Management 3 Units

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

This course provides an introduction to 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.

21389 Hadsell, C. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
 Course does not have Waitlist.

EMER 163 Terrorism and Emergency Management 3 Units

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

This course provides instruction to 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.

21174 Flores, Y. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
 Course does not have Waitlist.

English

ENGL 098 English Fundamentals 1 Units

This course focuses intensively on English fundamentals including grammar, spelling, and basic literacy skills including decoding, vocabulary acquisition, and literal comprehension. 18 lab hours, 36 lab hours arranged.

21480	Azpeitia, M.	W	10:00 AM-11:10 AM	ED 224	08/25-12/15
+36 TOTAL HRS ARRG					
21221	Fisher, J.	R	08:40 AM-09:50 AM	ED 224	08/25-12/15
+36 TOTAL HRS ARRG					
21359	Azpeitia, M.	T	10:00 AM-11:10 AM	ED 224	08/25-12/15
+36 TOTAL HRS ARRG					
21127	Fisher, J.	R	01:05 PM-02:15 PM	ED 224	08/25-12/15
+36 TOTAL HRS ARRG					
21129	Beach, K.	T	02:25 PM-03:35 PM	ED 224	08/25-12/15
+36 TOTAL HRS ARRG					
21360	Ray, J.	R	03:50 PM-05:00 PM	ED 224	08/25-12/15
+36 TOTAL HRS ARRG					
21128	Beach, K.	W	05:40 PM-06:50 PM	ED 224	08/25-12/15
+36 TOTAL HRS ARRG					

ENGL 099 Introduction to Reading and Composition 5 Units

Prerequisite: ENGL 030 or ENGL 040 or ENGL 098 or READ 040 or placement at the ENGL 099 level as defined by the College.

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

21349	Villeneuve, A.	MTWR	08:35 AM-09:45 AM	LB 309	08/25-12/15
21135	Cross, C.	MTWR	08:35 AM-09:45 AM	AN 102	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in COUN 159 CRN 20738.					
21136	Van Citters, B.	MTWR	08:35 AM-09:45 AM	P1 104	08/25-12/15
21137	Secombe, J.	MTWR	08:35 AM-09:45 AM	SS 166	08/25-12/15
21138	Telesca, L.	MTWR	08:35 AM-09:45 AM	LB 304	08/25-12/15
21140	Van Citters, B.	MTWR	09:55 AM-11:05 AM	P1 104	08/25-12/15
21141	Hogan, G.	MTWR	09:55 AM-11:05 AM	LB 309	08/25-12/15
21142	Rudd, R.	MTWR	09:55 AM-11:05 AM	LB 307	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in MATH 030 CRN 21414.					
21143	Telesca, L.	MTWR	09:55 AM-11:05 AM	LB 304	08/25-12/15
21144	Dau, C.	MTWR	09:55 AM-11:05 AM	LB 305	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in COUN 160 CRN 20734.					
21145	Hogan, G.	MTWR	11:30 AM-12:40 PM	LB 309	08/25-12/15
21149	Lam, W.	MTWR	11:30 AM-12:40 PM	LB 305	08/25-12/15
21147	Gunderson, M.	MTWR	11:45 AM-12:55 PM	P1 104	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in COUN 159 CRN 20740.					
21150	Lawrence, P.	MTWR	11:45 AM-12:55 PM	IS 109	08/25-12/15
21151	Villeneuve, A.	MTWR	01:05 PM-02:15 PM	P1 104	08/25-12/15

21152	Lawrence, P.	MTWR	01:05 PM-02:15 PM	IS 109	08/25-12/15
21154	Hogan, G.	MTWR	01:05 PM-02:15 PM	LB 309	08/25-12/15
21155	Harvey, J.	MW	04:00 PM-06:30 PM	LI 120	08/25-12/15
21156	Lawrence, P.	MW	04:00 PM-06:30 PM	IS 109	08/25-12/15
21157	Harvey, J.	TR	04:00 PM-06:30 PM	LI 200	08/25-12/15
21134	Burns, L.	TR	04:00 PM-06:30 PM	LB 305	08/25-12/15
21158	Gunderson, M.	MTWR	04:00 PM-05:10 PM	P1 104	08/25-12/15
21160	Dau, C.	MW	04:00 PM-06:30 PM	LB 309	08/25-12/15
21161	Kawai, J.	TR	04:00 PM-06:30 PM	TC 127	08/25-12/15
21164	Kang, E.	MW	06:40 PM-09:10 PM	LB 305	08/25-12/15
21165	Kelly, D.	MW	06:40 PM-09:10 PM	ED 201	08/25-12/15
21146	Loya, H.	MW	06:40 PM-09:10 PM	LB 106	08/25-12/15
21166	Burns, L.	TR	06:40 PM-09:10 PM	LB 305	08/25-12/15
21167	Loya, H.	TR	06:40 PM-09:10 PM	LB 203	08/25-12/15
21168	Van Citters, B.	HRS-ARRG			08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Mandatory on-campus orientation Monday, August 27, 4:00PM-5:00PM, CFI 158. Students required to take exams on campus.					
21443	Harvey, J.	HRS-ARRG			08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus.					

ENGL 101 Reading and Composition 3 Units

Prerequisite: Placement is based on multiple assessment measures or completion of ENGL 099 or ENGL 100 or ESL 100 with min. grade of C. A college-level composition course emphasizing exposition, analysis, argument, and research techniques. Extensive writing practice based upon reading selections of culturally diverse fiction, non-fiction and verse. 54 lecture hours. CSU UC

20607	Odegaard, E.	MW	08:20 AM-09:45 AM	IS 109	08/25-12/15
20600	Lee, B.	TR	08:20 AM-09:45 AM	LB 307	08/25-12/15
20573	Rudd, R.	MW	08:20 AM-09:45 AM	LB 307	08/25-12/15
20602	Odegaard, E.	TR	08:20 AM-09:45 AM	ED 205	08/25-12/15
20601	Resto-Ometeotl, L.	F	09:00 AM-12:10 PM	LB 307	08/25-12/15
20731	Amaya-Anderson, B.	MW	09:55 AM-11:20 AM	LI 120	08/25-12/15
20611	Villeneuve, A.	TR	09:55 AM-11:20 AM	LB 308	08/25-12/15
20610	Shearer, M.	MW	11:30 AM-12:55 PM	LB 304	08/25-12/15
20606	Birmingham, T.	TR	11:30 AM-12:55 PM	LB 203	08/25-12/15
20604	Dau, C.	MW	01:05 PM-02:30 PM	LB 305	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in ETHN 101 CRN 21248.					
20612	Eiland, T.	MW	01:05 PM-02:30 PM	LI 120	08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in SOC 201 CRN 20365.					
20732	Resto-Ometeotl, L.	TR	01:05 PM-02:30 PM	LB 106	08/25-12/15
20613	Birmingham, T.	TR	01:05 PM-02:30 PM	LB 308	08/25-12/15
20621	Salwak, D.	TR	01:05 PM-02:30 PM	LB 203	08/25-12/15
20614	Kang, E.	MW	03:50 PM-05:15 PM	LB 203	08/25-12/15
20603	Resto-Ometeotl, L.	TR	03:50 PM-05:15 PM	LB 203	08/25-12/15
20620	Overly, D.	TR	03:50 PM-05:15 PM	LB 304	08/25-12/15
20618	Ramos, C.	MW	05:25 PM-06:50 PM	LB 304	08/25-12/15
20700	Robles, A.	TR	05:25 PM-06:50 PM	IS 109	08/25-12/15
20577	Linville, B.	MW	07:00 PM-08:25 PM	LB 203	08/25-12/15
20615	Overly, D.	M	07:00 PM-10:10 PM	LB 304	08/25-12/15
20617	Hall, J.	T	07:00 PM-10:10 PM	ED 201	08/25-12/15
20619	Hall, J.	W	07:00 PM-10:10 PM	IS 109	08/25-12/15
21350	Ramos, C.	R	07:00 PM-10:10 PM	LB 309	08/25-12/15
20609	Naiyer, Z.	MTWR	08:20 AM-09:45 AM	LB 305	08/25-10/20
First Eight Weeks - Fast Track Class; Requires enrollment in ENGL 103 CRN 20622.					
20608	Odegaard, E.	MTWR	01:05 PM-02:30 PM	ED 201	08/25-10/20
First Eight Weeks - Fast Track Class; Requires enrollment in ENGL 103 CRN 21195.					
20625	Eiland, T.	HRS-ARRG			08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de.					

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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ENGL 101H Reading and Composition - Honors 3 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ENGL 099 or ENGL 100.
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

20683	Telesca, L.	TR	11:30 AM-12:55 PM	LB 304	08/25-12/15
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ENGL 102 Introduction to Literature 3 Units

Prerequisite: ENGL 101 or ENGL 101H or ESL 101.
Exploration of culturally diverse literary texts in multiple genres that express a variety of historical, geographical, and cultural perspectives. Development of critical thinking skills including analysis and interpretation leading to compositions in which cross-cultural awareness is emphasized. 54 lecture hours. CSU UC

20556	Eisel, R.	TR	08:20 AM-09:45 AM	LB 308	08/25-12/15
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ENGL 103 Composition and Critical Thinking 3 Units

Prerequisite: Completion of ENGL 101 or ENGL 101H with a min. grade of C.
This course uses literature as a basis for the teaching of critical thinking and composition. The emphasis is upon the analysis of issues, problems, and situations represented in fiction, drama and poetry, and on the development of effective written arguments in support of the analysis. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU UC

20630	Eisel, R.	MW	08:20 AM-09:45 AM	LB 308	08/25-12/15
20627	Birmingham, T.	TR	08:20 AM-09:45 AM	P1 103	08/25-12/15
20774	Dougall, N.	F	09:00 AM-12:10 PM	P1 103	08/25-12/15
21351	Amaya-Anderson, B.	F	09:00 AM-12:10 PM	LB 203	08/25-12/15
20626	Salwak, D.	MW	09:55 AM-11:20 AM	LB 203	08/25-12/15
20637	Odegaard, E.	TR	09:55 AM-11:20 AM	LI 120	08/25-12/15
20623	Eisel, R.	MW	11:30 AM-12:55 PM	LB 308	08/25-12/15
21247	Eiland, T.	MW	11:30 AM-12:55 PM	LI 120	08/25-12/15
20635	Eisel, R.	MW	01:05 PM-02:30 PM	LB 308	08/25-12/15
21266	Myers, K.	TR	01:05 PM-02:30 PM	LB 302	08/25-12/15
20628	Dau, C.	TR	01:05 PM-02:30 PM	LB 305	08/25-12/15
20629	Overly, D.	MW	03:50 PM-05:15 PM	LB 308	08/25-12/15
21352	Ramos, C.	MW	03:50 PM-05:15 PM	LB 304	08/25-12/15
21267	Linville, B.	TR	03:50 PM-05:15 PM	IS 109	08/25-12/15
20631	Myers, K.	TR	03:50 PM-05:15 PM	LB 309	08/25-12/15
20632	Salwak, D.	M	07:00 PM-10:10 PM	LB 308	08/25-12/15
20633	Overly, D.	T	07:00 PM-10:10 PM	LB 304	08/25-12/15
20634	Overly, D.	W	07:00 PM-10:10 PM	LB 304	08/25-12/15
20868	Overly, D.	R	07:00 PM-10:10 PM	LB 304	08/25-12/15
20622	Naiyer, Z.	MTWR	08:20 AM-09:45 AM	LB 305	10/22-12/15

Second Eight Weeks - Fast Track Class; Requires enrollment in ENGL 101 CRN 20609.

21195 Odegaard, E. MTWR 01:05 PM-02:30 PM AN 102 10/22-12/15
Second Eight Weeks - Fast Track Class; Requires enrollment in ENGL 101 CRN 20608.

20636 Eiland, T. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de.

ENGL 103H Composition and Critical Thinking - Honors 3 Units

Prerequisite: ENGL 101.
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This honors course uses literature as a basis for the teaching of in-depth critical thinking and advanced composition. The emphasis is upon the analysis of issues, problems, and situations represented in literature and on the development of effective written arguments in support of the analysis. Critical thinking skills are demonstrated through research papers, in-class presentations, and collaborative exploration of material. Students are expected to demonstrate honors level work which includes strong critical thinking skills, thorough analysis of assigned readings, and presentation and leadership skills demonstrated through class participation. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU UC

20684	Eiland, T.	TR	11:30 AM-12:55 PM	LI 120	08/25-12/15
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ENGL 104 Advanced Rhetoric: The Classical Essay 3 Units

Prerequisite: ENGL 101.
In this course, students will develop critical thinking, writing, and research skills beyond the ENGL 101 level by examining and modeling complex classical methods of invention, arrangement, and style for writing assignments. Students will read and critically evaluate (for meaning, purpose, strategy and style) expository and argumentative essays from classical sources and multi-cultural perspectives. Students will test prejudices they hold, prove or disprove a hypothesis, evaluate the opinions of others, explain the effect of the media, and attempt to synthesize opposing arguments on an issue through critical thinking. Meets the IGETC critical thinking requirement. 54 lecture hours. CSU UC

20560	Curran, K.	TR	03:50 PM-05:15 PM	LB 308	08/25-12/15
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ENGL 251 Introduction to English Literature I 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
Significant works of major British writers in historical perspective. First semester: Anglo-Saxon period through the eighteenth century with emphasis on Chaucer, Milton, Donne and Johnson. 54 lecture hours. CSU UC

20563	Salwak, D.	TR	09:55 AM-11:20 AM	LB 203	08/25-12/15
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ENGL 261 Introduction to U.S. American Literature I 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
Students will explore the context and influence of American literature from the Colonial period to the Civil War. Students will examine specific literary works and their contributions to our personal and cultural context. 54 lecture hours. CSU UC

20564	Telesca, L.	MW	01:05 PM-02:30 PM	LB 304	08/25-12/15
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ENGL 271 Introduction to World Literature: Ancient - Early Modern 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
English 271 is the study of world literature in translation from the ancient world through the early modern period. This course emphasizes the development of literary expression and explores literature within the context of the culture and time in which works were written. This course examines the relationship between historical events and literary works and the impact of works on their age and ensuing eras. 54 lecture hours. CSU UC

20565	Eisel, R.	TR	11:30 AM-12:55 PM	LB 308	08/25-12/15
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ENGL 291 Film as Literature 3 Units

Strongly recommended: ENGL 101. Also, ENGL 099 or READ 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

20567	Curran, K.	F	09:00 AM-12:10 PM	LB 106	08/25-12/15
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ENGL 291H Film as Literature - Honors 3 Units

Strongly recommended: ENGL 101 or 103. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
This honors course is an introduction to film as literature, designed to give students an understanding of the application of literary analysis to film. Critical analysis of such works from various perspectives is exemplified through research and written analysis. Special emphasis is given to the quality of writing and illustration of award-winning books and selected classics. 54 lecture hours. CSU UC

21210	Eiland, T.	TR	01:05 PM-02:30 PM	LI 120	08/25-12/15
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ENGL 293 Children's Literature 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
This course is designed to give the student a knowledge and an appreciation of children's books, both fiction and non-fiction. Special emphasis is given to the quality of writing and illustration of award-winning books and selected classics. 54 lecture hours. CSU UC

20557	Villeneuve, A.	MW	09:55 AM-11:20 AM	LB 308	08/25-12/15
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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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ENGL 294 Introduction to Shakespeare 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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
20569 Salwak, D. TR 08:20 AM-09:45 AM LB 203 08/25-12/15

ENGL 298 Literature of the Bible 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
Reading and discussion of selected books from English translations of the Old and New Testaments. Emphasis is on the religious, social, political ideas, literary qualities, and textual problems. 54 lecture hours. CSU UC
20572 Salwak, D. MW 08:20 AM-09:45 AM LB 203 08/25-12/15

English As A Second Language

ESL 020 English Language Skills II 3 Units

Prerequisite: Placement is based on multiple assessment measures.
A course for high-beginning English language students providing practice in the four language skills; listening, speaking, reading and writing. Emphasis on production and comprehension of simple phrases, basic sentence construction, introductory reading skills and basic vocabulary. One of three core courses in ESL Level 2. 54 lecture hours. 9 lab hours arranged.
NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
21459 Tucker, C. MTWR 08:20 AM-09:45 AM ED 201 08/25-10/20
+ 9 TOTAL HRS ARR
First eight weeks; requires enrollment in 21313 ESL 030 second eight weeks

ESL 024 Reading/Vocabulary II 2 Units

Prerequisite: Placement is based on multiple assessment measures.
A reading and vocabulary course for low-intermediate ESL students. The course is designed to help students expand their vocabulary through oral and written practice and improve their reading comprehension. One of three core courses in ESL Level 2. 36 lecture hours.
NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
21458 Guebert, T. MW 09:55 AM-11:00 AM AN 101 08/25-10/20
Guebert, T. TR 09:55 AM-10:45 AM AN 101 08/25-10/20

ESL 026 Grammar Fundamentals II 2 Units

Prerequisite: Placement is based on multiple assessment measures.
A course for low-intermediate ESL students seeking to improve their grammatical accuracy in writing and speaking. Intensive review and practice of verb tenses, noun forms, adjectives, adverbs and modals, in a communicative context. One of three core courses in ESL Level 2. 36 lecture hours, 9 lab hours arranged.
NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
21460 Tucker, C. MW 11:30 AM-12:35 PM ED 201 08/25-10/20
Tucker, C. TR 11:30 AM-12:20 PM ED 201 08/25-10/20

ESL 030 English Language Skills III 3 Units

Prerequisite: ESL 020.
Strongly recommended: For students enrolled in ESL Level 3 core courses. Placement is based on multiple assessment measures or successful completion of ESL Level 2 core courses--ESL 020, 024 and ESL 026.
A course for intermediate English language students providing additional practice in the four language skills--listening, speaking, reading and writing. Emphasis on vocabulary building, developing fluency in speaking, increasing written sentence complexity and developing reading skills. One of three core courses in ESL Level 3. 54 lecture hours. 9 lab hours.
NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
20646 Tucker, C. MTWR 08:20 AM-09:45 AM ED 201 08/25-10/20
+9 TOTAL HRS ARR
First Eight Weeks; requires enrollment in 20650 ESL 040 Second Eight Weeks.
21313 Azpeitia, M. MTWR 08:15 AM-09:45 AM ED 231 10/22-12/15
+ 9 TOTAL HRS ARR
Second Eight Weeks

ESL 034 Reading/Vocabulary III 2 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 024.
A vocabulary and reading course for intermediate ESL students. The course is designed to help students further expand vocabulary and reading skills. Emphasis is on building vocabulary through oral and written practice and improving reading comprehension. One of three core courses in ESL Level 3. 36 lecture hours.
NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
20648 Guebert, T. MW 09:55 AM-11:00 AM AN 101 08/25-10/20
Guebert, T. TR 09:55 AM-10:45 AM AN 101 08/25-10/20
First Eight Weeks; requires enrollment in 30657 ESL 044 Second Eight Weeks.
21481 Guebert, T. MW 09:55 AM-11:00 AM AN 101 10/22-12/15
Guebert, T. TR 09:55 AM-10:45 AM AN 101 10/22-12/15

ESL 036 Grammar Fundamentals III 2 Units

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 026.
A course for low-intermediate ESL students seeking to improve their grammatical accuracy in written English. Intensive review and practice of meaning and use of syntactic structures such as verb tense, modals, noun and adjective forms, questions and negatives, passive voice, adverbs, and articles. One of three core courses in ESL Level 3. 36 lecture hours, 9 lab hours arranged.
NOTE: THE UNITS FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
20649 Tucker, C. MW 11:30 AM-12:35 PM ED 201 08/25-10/20
Tucker, C. TR 11:30 AM-12:20 PM ED 201 08/25-10/20
+9 TOTAL HRS ARR
First Eight Weeks; requires enrollment in 20659 ESL 046 Second Eight Weeks.
21485 Silva, D. TR 11:30 AM-01:35 PM LB 307 10/22-12/15
+9 TOTAL HRS ARR
Second Eight Weeks. Requires concurrent enrollment in ESL 046 - CRN 21486.
21482 Tucker, C. MW 11:30 AM-12:35 PM ED 201 10/22-12/15
Tucker, C. TR 11:30 AM-12:20 PM ED 201 10/22-12/15

ESL 040 English Language Skills IV 3 Units

Prerequisite: ESL 030 or placement in ESL Level 4 based on multiple assessment measures.
Strongly recommended: For students enrolled in ESL level 4 core courses. This course parallels ENGL 040, preparing high-intermediate ESL students for ESL 100. It includes grammar, vocabulary, usage, and the writing skills of sentence and paragraph development. It also previews essay development and writing. One of three core courses in ESL Level 4. 54 lecture hours. 9 lab hours arranged.
NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
20655 Guebert, T. MTWR 08:15 AM-09:45 AM AN 101 08/25-10/20
+9 TOTAL HRS ARR
First Eight Weeks
20822 Cross, C. MTWR 01:05 PM-02:30 PM AN 102 08/25-10/20
+9 TOTAL HRS ARR
First Eight Weeks; Requires enrollment in 20999 ESL 100 second eight weeks
21314 Azpeitia, M. MTWR 08:15 AM-09:45 AM ED 231 10/22-12/15
+ 9 TOTAL HRS ARR
Second Eight Weeks
20650 Lam, W. MTWR 08:15 AM-09:45 AM AN 101 10/22-12/15
+9 TOTAL HRS ARR
Second Eight Weeks

ESL 044 Reading Vocabulary IV 2 Units

Prerequisite: ESL 034 or placement in ESL Level 4 based on multiple assessment measures.
A reading and vocabulary course for high intermediate ESL students, designed to facilitate appropriate strategies for improving reading comprehension and developing vocabulary. Emphasis is on college-level vocabulary and reading skills. One of three core courses in ESL Level 4. 36 lecture hours.
NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.
20658 Tucker, C. MW 09:55 AM-10:45 AM ED 201 08/25-10/20
Tucker, C. TR 09:55 AM-11:05 AM ED 201 08/25-10/20
First Eight Weeks; Requires enrollment in 20678 ESL 054 second eight weeks
20657 Guebert, T. MW 09:55 AM-11:00 AM AN 101 10/22-12/15
Guebert, T. TR 09:55 AM-10:45 AM AN 101 10/22-12/15
Second Eight Weeks

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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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German

GER 101 German I

5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
A course in elementary German grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing simple German and serves as an introduction to the geography, history, and culture of the German speaking world. 90 lecture hours. CSU UC

20354 Daves-Schneider, L. TR 07:00 PM-09:30 PM TC 127 08/25-12/15

Health Occupations

HEAL 100 Emergency Medical Services Career Preparation

3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
Health Occupations 100 is designed to provide the student with the knowledge and skills necessary to begin an entry-level career in Emergency Medical Services (EMS) and other allied health-related fields of patient care. This course provides beginning concepts of preparatory sciences directly related to the care of sick and injured persons. It also covers the basic knowledge and skills necessary for American Heart Association (AHA) cardiopulmonary resuscitation (CPR) certification. Successful completion of this course is required for enrollment into the Emergency Medical Technician Basic Program. Material fee. 36 lecture hours, 54 lab hours.

20489 Rickman, T. R 04:00 PM-06:00 PM TC 230 08/25-12/15
Rickman, T. R 06:01 PM-09:20 PM TC 230 08/25-12/15

Course does not have Waitlist.

20501 Hadsell, C. HRS-ARRG TC 230 08/25-12/15
Hadsell, C. HRS-ARRG TC 230 08/25-12/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory class meetings on the following Tuesdays: September 25, October 2, and December 4, 2012, at 6:00pm in LH 102.

Students required to take exams on campus on Tuesday, September 25, October 2, and December 4, 2012, at 6:00pm in LH 102.

Course does not have Waitlist.

HEAL 105 Hospital Unit Coordinator

5 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
Provides information, training, and experience needed to perform secretarial or clerical duties on a nursing unit in a hospital setting. Student will meet minimum requirements to successfully meet demands of managing the unit desk, phones, ordering of labs/tests/supplies, processing and transcription of physician orders, and the daily tasks of a hospital nursing unit. 72 lecture hours, 54 lab hours.

21455 Randolph, S. MW 05:25 PM-07:30 PM TC 228 08/25-12/15
Randolph, S. MW 07:31 PM-08:55 PM TC 228 08/25-12/15

HEAL 161 Emergency Medical Technician - Basic

7 Units

Prerequisite: HEAL 100 or concurrent enrollment.
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
The entry-level course in emergency training for those involved in Emergency Medical Services. 108 lecture hours, 54 lab hours.

20638 Hadsell, C. F 08:00 AM-02:25 PM TC 230 08/25-12/15
Lecture section only. Lab section also required.

Four hours in-service at a local community emergency department/ambulance service per week.

This course is approved by the Los Angeles Department of Health Services.

Students who successfully complete this course are eligible to sit for the National Registry EMT Certification examination.

Course does not have Waitlist.

20639 Hadsell, C. MW 05:00 PM-08:10 PM TC 230 08/25-12/15
Lecture section only. Lab section also required.

Four hours in-service at a local community emergency department/ambulance service per week.

This course is approved by the Los Angeles Department of Health Services.

Students who successfully complete this course are eligible to sit for the National Registry EMT Certification examination.

Course does not have Waitlist.

21130 Hadsell, C. F 02:35 PM-05:45 PM TC 230 08/25-12/15
Lab section only. Lecture section also required.

Course does not have Waitlist.

21131 McWilliams, S. F 02:35 PM-05:45 PM P3 105 08/25-12/15
Lab section only. Lecture section also required.
Course does not have Waitlist.
21171 Hadsell, C. MW 08:30 PM-10:00 PM TC 230 08/25-12/15
Lab section only. Lecture section also required.
Course does not have Waitlist.
21172 McWilliams, S. MW 08:30 PM-09:55 PM P3 105 08/25-12/15
Lab section only. Lecture section also required.
Course does not have Waitlist.

History

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

3 Units

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

The course is a survey of emerging regional cultures and societies from the earliest civilizations to 1500. Consideration will be given to comparative and integrative analysis of their contributions to the fabric of world civilization. Particular focus will be given to cultural evolutionary parallels and the diffusion of ideas through migration and trade on a global scale. College level reading is strongly advised. 54 lecture hours. CSU UC

20168 Lubisich, S. MW 08:20 AM-09:45 AM LB 301 08/25-12/15

20171 Lubisich, S. TR 01:05 PM-02:30 PM LB 306 08/25-12/15

20176 Lewis, D. R 07:00 PM-10:10 PM LB 302 08/25-12/15

20175 Lubisich, S. HRS-ARRG 08/25-12/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory on-campus orientation Tuesday, August 28, 2012, 5:30PM - 7:00PM in LB 102.

20671 Lubisich, S. HRS-ARRG 08/25-10/20

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

Mandatory on-campus orientation Monday, August 27, 2012, 5:00PM - 6:30PM in LB 102.

HIST 103H History of World Civilization up to 1500 C.E./Honors

3 Units

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

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

21148 Lubisich, S. MW 11:30 AM-12:55 PM P3 100 08/25-12/15

HIST 104 History of World Civilization since 1500

3 Units

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

The course offers a survey of world civilizations from 1500's regional isolation to modern-day globalism and its issues and problems. Consideration will be given to the political, economic, social, and intellectual forces present in the rise of the modern world. Particular focus will be given to the interrelatedness of historical events and on the comparisons of cultures and societies in a historical perspective. College-level reading is strongly advised. 54 lecture hours. CSU UC

20180 Lubisich, S. TR 08:20 AM-09:45 AM LB 104 08/25-12/15

20188 Lubisich, S. HRS-ARRG 08/25-12/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory on-campus orientation Monday, August 27, 2012, at 6:30PM - 8:00PM in LB 102.

Note: Course Dates indicate Beginning and Ending Dates

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

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

Strongly recommended: ENGL 099 or ENGL 100 if required by English placement exam or if required by English level.

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

20202	Zeman, W.	MW	08:20 AM-09:45 AM	LB 104	08/25-12/15
20215	Woolsey, R.	M	03:40 PM-06:50 PM	LB 104	08/25-12/15
20204	Lewis, D.	TR	08:20 AM-09:45 AM	LB 102	08/25-12/15
20224	Waddington, B.	TR	01:05 PM-02:30 PM	LB 101	08/25-12/15
20220	Lewis, D.	R	03:40 PM-06:50 PM	LB 302	08/25-12/15
20869	Korn, D.	R	03:40 PM-06:50 PM	TE 153	08/25-12/15
20816	Waddington, B.	HRS-ARRG	08/25-12/15		
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
20231	Solheim, B.	HRS-ARRG	08/25-12/15		
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
20222	Solheim, B.	HRS-ARRG	10/22-12/15		
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Second Eight Weeks					

HIST 107H History of the United States before 1877 - Honors 3 Units

Prerequisite: Meet Honors Program entrance requirements that include eligibility for ENG 101 or completion of equivalent.

A survey of political, economic and social development of North America and the United States to 1877 along with a survey of American historiography and the varying interpretations of these developments. The course meets the state requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

20118	Waddington, B.	MW	01:05 PM-02:30 PM	P3 100	08/25-12/15
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HIST 108 History of the United States since 1877 3 Units

Strongly Recommended: ENGL 099 or ENGL 100 if required by English placement exam or if required by English level.

A survey of political, economic, diplomatic, and social development of the U. S. from 1876 to the present. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

20239	Solheim, B.	MW	08:20 AM-09:45 AM	LB 302	08/25-12/15
20248	Lubisch, S.	MW	09:55 AM-11:20 AM	LB 104	08/25-12/15
20255	Zeman, W.	MW	09:55 AM-11:20 AM	LB 103	08/25-12/15
20252	Logan, S.	MW	01:05 PM-02:30 PM	TE 153	08/25-12/15
20244	Solheim, B.	TR	09:55 AM-11:20 AM	LB 102	08/25-12/15
20247	Solheim, B.	TR	11:30 AM-12:55 PM	LB 303	08/25-12/15
20266	Waddington, B.	TR	11:30 AM-12:55 PM	LB 306	08/25-12/15
20250	Culp, J.	TR	01:05 PM-02:30 PM	LH 102	08/25-12/15
20263	Culp, J.	TR	03:50 PM-05:15 PM	LB 103	08/25-12/15
20261	Woolsey, R.	W	03:40 PM-06:50 PM	LB 310	08/25-12/15
20245	Solheim, B.	HRS-ARRG	08/25-12/15		
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
20267	Waddington, B.	HRS-ARRG	10/22-12/15		
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de					
Second Eight Weeks					

HIST 130 Latin American Culture and Civilization 3 Units

Strongly recommended: ENGL 099 or ENGL 100 if required by English placement exam or if required by English level.

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

21380	McGarry, A.	MW	01:05 PM-02:30 PM	LB 106	08/25-12/15
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HIST 131 History of Latin American to 1825 3 Units

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

The course is a survey of 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

21378	Zarate, E.	F	08:10 AM-11:20 AM	HH 754	08/25-12/15
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HIST 155 History of the Vietnam War 3 Units

Strongly recommended: READ 099 or ENGL 099 or ENGL 100 if required by English placement exam or if required by English level.

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

20100	Solheim, B.	MW	11:30 AM-12:55 PM	TE 153	08/25-12/15
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Humanities

HUM 101 Humanities - Prehistory through the Medieval Period 3 Units

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

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

20140	Zaharek, J.	MW	11:30 AM-12:55 PM	LB 104	08/25-12/15
20147	Zaharek, J.	MW	01:05 PM-02:30 PM	LB 104	08/25-12/15
20151	Amaya, H.	M	07:00 PM-10:10 PM	LB 103	08/25-12/15

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

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

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

20161	Zaharek, J.	T	03:40 PM-06:50 PM	TE 153	08/25-12/15
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HUM 102 Humanities from the Renaissance through the 19th Century 3 Units

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

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

20159	Bobo, M.	R	07:00 PM-10:10 PM	LB 301	08/25-12/15
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Information Technology

IT 104 PC Hardware and Maintenance 4 Units

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

This course will be of interest to computer technicians, field services and help desk support personnel, as well as, individuals interested in enhancing their technical skills and knowledge of the PC system. The course starts from the basic entry level concepts, and quickly progresses into discussing advanced topics related to the IT industry. It will lay the foundation for attendees to prepare the A+ certification tests. 54 lecture hours, 54 lab hours.

20960	Stoner, B.	MW	08:00 AM-09:25 AM	PC 316	08/25-12/15
	Stoner, B.	MW	09:25 AM-10:50 AM	PC 316	08/25-12/15
21218	Stoner, B.	TR	12:30 PM-01:55 PM	PC 316	08/25-12/15
	Stoner, B.	TR	01:55 PM-03:20 PM	PC 316	08/25-12/15

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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IT 107 Network Technology 4 Units

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

This course provides information covering the LAN and WAN. Network topologies and protocols are presented. 54 lecture hours, 54 lab hours.

20961	Stoner, B.	MW	12:30 PM-01:55 PM	PC 316	08/25-12/15
	Stoner, B.	MW	01:55 PM-03:20 PM	PC 316	08/25-12/15
20962	Boyden, P.	MW	06:00 PM-07:25 PM	PC 316	08/25-12/15
	Boyden, P.	MW	07:25 PM-08:50 PM	PC 316	08/25-12/15

IT 108 Networking Operating Systems 4 Units

Strongly recommended: IT 107.

This course provides information covering the areas of network operating systems used on local and wide area networks (LANS and WANS), as well as popular server software. 54 lecture hours, 54 lab hours.

20963	Stoner, B.	TR	08:00 AM-09:25 AM	PC 316	08/25-12/15
	Stoner, B.	TR	09:25 AM-10:50 AM	PC 316	08/25-12/15

Japanese

JPN 101 Japanese I 5 Units

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

A course in elementary 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

20741	Jennings, S.	TR	06:30 PM-09:00 PM	LB 106	08/25-12/15
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Kinesiology - Activities

KIN 101 Badminton 1 Units

Development of skills necessary to participate in a game of badminton. Course will improve skills through repetition and supervised instruction. 18 lecture hours, 18 lab hours. CSU UC

21032	Boxley, J.	T	08:30 AM-09:35 AM	PE 102	08/27-12/07
	Boxley, J.	R	08:30 AM-09:35 AM	PE 102	08/27-12/07

KIN 108 Tennis 1 Units

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

Instruction will be concerned with individual growth of fundamentals and techniques of tennis that will allow the student to participate in a lifetime activity. 18 lecture hours, 18 lab hours. CSU UC

21053	Gunstream, M.	MW	10:50 AM-11:55 AM	PE TN	08/25-10/20
	Gunstream, M.	TR	10:50 AM-11:55 AM	PE TN	08/25-10/20

KIN 130 Basketball 1 Units

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

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

21123	Wheeler, A.	F	08:30 AM-09:35 AM	PE 102	08/27-12/07
	Wheeler, A.	F	09:35 AM-10:40 AM	PE 102	08/27-12/07

KIN 135 Volleyball 1 Units

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

Instruction will be centered upon improving proficiency on the development of basic volleyball skills with an emphasis on setting, digging, serving, spiking and team strategies. Development of offensive and defensive strategies for doubles, 3 on 3, 4 on 4. This course may be taken four times. 18 lecture hours, 18 lab hours. CSU UC

21061	Gunstream, M.	M	06:45 PM-07:50 PM	PE 102	08/27-12/07
	Gunstream, M.	M	07:50 PM-08:55 PM	PE 102	08/27-12/07

Kinesiology - Aquatics

KIN 142 Swimming - Beginning 1 Units

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

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

21059	Gunstream, M.	MW	09:35 AM-10:40 AM	AQ POOL	08/25-10/20
	Gunstream, M.	TR	09:35 AM-10:40 AM	AQ POOL	08/25-10/20

First Eight Weeks

Kinesiology - Fitness

KIN 148 Adapted Aquatic Exercises 1 Units

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

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

21090	Wurst, C.	T	10:30 AM-11:45 AM	AQ POOL	08/27-11/16
	Wurst, C.	R	10:30 AM-11:45 AM	AQ POOL	08/27-11/16

Recommended for disabled students.

KIN 150 Adapted Physical Education 1 Units

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

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

21062	Hartman, S.	MW	10:40 AM-11:15 AM	AP 109	08/25-12/15
	Hartman, S.	MW	11:15 AM-12:20 PM	AP 109	08/25-12/15

Recommended for disabled students.

21063	Hartman, S.	MW	12:40 PM-01:15 PM	AP 109	08/25-12/15
	Hartman, S.	MW	01:15 PM-02:20 PM	AP 109	08/25-12/15

Recommended for disabled students.

21064	Hartman, S.	TR	10:40 AM-11:15 AM	AP 109	08/25-12/15
	Hartman, S.	TR	11:15 AM-12:20 PM	AP 109	08/25-12/15

Recommended for disabled students.

KIN 151 Body Conditioning 1 Units

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

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

21054	Gunstream, M.	MW	09:35 AM-10:40 AM	AP 110	10/22-12/15
	Gunstream, M.	TR	09:35 AM-10:40 AM	AP 110	10/22-12/15

KIN 152 Weight Training 1 Units

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

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

21342	Silva, A.	M	09:35 AM-10:40 AM	PE 101	08/27-12/07
	Silva, A.	W	09:35 AM-10:40 AM	PE 101	08/27-12/07

21049	Gomez, S.	T	09:00 AM-10:05 AM	PE 101	08/27-12/07
	Gomez, S.	R	09:00 AM-10:05 AM	PE 101	08/27-12/07

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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KIN 153 Walking/Jogging 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 A Walking/Jogging program that consists of activity alternately at a slow to moderate pace. This program is designed to build cardiorespiratory stamina and endurance, attack excessive weight, relieve psychological tension, and enhance one's sense of well being. 18 lecture hours. 18 lab hours. CSU UC
 21034 Brawner, M. MW 11:30 AM-12:35 PM PE ST 10/22-12/15
 Brawner, M. TR 11:30 AM-12:35 PM PE ST 10/22-12/15

KIN 154 Advanced Weight Training 2 Units

Strongly recommended: KIN 152.
 This course is designed to study methods applicable to power lifting, Olympic lifting, and conditioning. Students will participate in formulation of individual workout sessions. Emphasis will be on increasing strength, flexibility, and quickness. 18 lecture hours, 54 lab hours. CSU UC
 21084 Merandi, M. MW 10:45 AM-11:25 AM PE 101 08/27-12/07
 Merandi, M. MW 11:25 AM-01:00 PM PE 101 08/27-12/07

KIN 159 Cardiovascular Training 1 Units

This course will offer a non-competitive, environment in which the student can develop a total fitness program. This program will promote areas of muscular strength, flexibility, and cardiovascular endurance. A philosophy of "Fitness for Life" will be the ultimate objective. Every student will be encouraged to regulate his/her program so that it will be enjoyable on a long term basis. 9 hours lecture, 27 hours lab. CSU UC
 21055 Gunstream, M. MW 08:20 AM-08:40 AM AP 109 08/27-12/07
 Gunstream, M. MW 08:40 AM-09:30 AM AP 109 08/27-12/07
 21085 Merandi, M. MW 09:30 AM-09:50 AM AP 109 08/27-12/07
 Merandi, M. MW 09:50 AM-10:40 AM AP 109 08/27-12/07
 21056 Gunstream, M. TR 08:20 AM-08:40 AM AP 109 08/27-12/07
 Gunstream, M. TR 08:40 AM-09:30 AM AP 109 08/27-12/07
 21057 Merandi, M. TR 01:10 PM-01:30 PM AP 109 08/27-12/07
 Merandi, M. TR 01:30 PM-02:20 PM AP 109 08/27-12/07
 21338 Gunstream, M. TR 02:35 PM-02:55 PM AP 109 08/27-12/07
 Gunstream, M. TR 02:55 PM-03:45 PM AP 109 08/27-12/07

Kinesiology - Pro Prep

KIN 169 Introduction to Coaching 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course is to study the different aspects of coaching including philosophies and techniques. It will provide the student with a basic understanding of coaching on all levels. The topics included will be recruiting, tryouts, pre and post season development, conditioning, weight training, practice organization, game strategies, motivation techniques, legal aspects, public relations, media, fundraising and ethics. 54 lecture hours. CSU UC
 21082 Merandi, M. TR 09:55 AM-11:20 AM AQ 100 08/25-12/15

KIN 170 Fitness for Life 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course explains the mechanics of a proper exercise and diet program through lecture and exercise activities. Various forms of exercise will be presented for trial by each student to develop a personal fitness prescription. 54 lecture hours. CSU UC
 21036 Brawner, M. MW 09:55 AM-11:20 AM PE 138 08/25-12/15
 21038 Wurst, C. MW 11:30 AM-12:55 PM PE 138 08/25-12/15
 21039 Wurst, C. TR 08:20 AM-09:45 AM PE 138 08/25-12/15
 21040 Rodriguez, T. F 08:10 AM-11:20 AM PE 138 08/25-12/15
Class team taught: Noonan, Rodriguez
 21037 Brawner, M. HRS-ARRG 08/25-12/15
 Brawner, M. W 06:00 PM-08:00 PM PE 138 08/25-12/15
DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de
Class will meet on campus every Wednesday in PE 138 6:00pm-8:00pm.
 21339 Gomez, S. HRS-ARRG 08/25-12/15
 Gomez, S. W 04:00 PM-06:00 PM FH 224 08/25-12/15
DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de
Class will meet Wednesdays from 4:00 p.m. - 6:00 p.m. in FH 224.

KIN 171 Health Science 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course is designed to explore the major areas of health that will have an effect on the well-being of the individual now and in the future. 54 lecture hours. CSU UC
 21068 Merandi, M. MW 01:05 PM-02:30 PM AQ 100 08/25-12/15
 21052 Gunstream, M. MW 03:50 PM-05:15 PM PE 138 08/25-12/15
 21060 Boxley, J. TR 09:55 AM-11:20 AM PE 140 08/25-12/15
 21079 Merandi, M. TR 11:30 AM-12:55 PM AQ 100 08/25-12/15
 21065 Hartman, S. TR 01:05 PM-02:30 PM PE 138 08/25-12/15
 21051 Gunstream, M. TR 03:50 PM-05:15 PM PE 138 08/25-12/15
 21067 Hartman, S. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
 21066 Hartman, S. HRS-ARRG 10/22-12/15
 Hartman, S. T 03:00 PM-06:10 PM PE 140 10/22-12/15
DISTANCE EDUCATION HYBRID CLASS After registering go to www.citruscollege.edu/de
Second Eight Weeks
Class will meet every Tuesday on campus 3:00 p.m. - 6:10 p.m. in classroom PE 140.

KIN 172 Introduction to Physical Education 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course explores the history and principles of kinesiology, exercise science, and sports. The objectives are to define and investigate the importance of kinesiology education with a view toward developing a basic philosophy and background for professional education. 54 lecture hours. CSU UC
 21087 Shaw, N. TR 09:55 AM-11:20 AM PE 138 08/25-12/15

KIN 173 Nutrition for Fitness 3 Units

This course is designed to provide knowledge about the basic principles of nutrition and to study the role nutrition plays in health promotion. 54 lecture hours. CSU UC
 21178 Silva, A. MW 08:00 AM-09:25 AM PE 138 08/25-12/15
 21042 Gomez, S. MW 09:55 AM-11:20 AM FH 224 08/25-12/15
 21043 Shaw, N. MW 11:30 AM-12:55 PM PE 140 08/25-12/15
 21340 Silva, A. TR 09:55 AM-11:20 AM FH 224 08/25-12/15
 21045 Shaw, N. TR 11:30 AM-12:55 PM FH 224 08/25-12/15
 21341 Silva, A. TR 01:05 PM-02:30 PM PE 140 08/25-12/15
 21044 Gomez, S. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

KIN 174 Introduction to Team Sports 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 A course of study to give the student entering the field of physical education a survey and basic analysis of the team sports: football, baseball, basketball, softball, soccer, badminton, tennis, swimming, water polo and track. 54 lecture hours. CSU UC
 21081 Brawner, M. MW 08:20 AM-09:45 AM AQ 100 08/25-12/15
Class team taught: Brawner, Wurst

KIN 177 First-Aid Responding To Emergencies 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 Complies with requirements as set forth by the American National Red Cross for first aid responding to emergencies. Students have the option to receive certification cards in Adult CPR/AED, Child and Infant CPR and First Aid. There is a lab fee to receive the certification that will be collected in class. 54 lecture hours. CSU UC
 21047 Boxley, J. MW 08:20 AM-09:45 AM PE 140 08/25-12/15
Additional fee required for Red Cross CPR Card.
 21046 Boxley, J. MW 09:55 AM-11:20 AM PE 140 08/25-12/15
Additional fee required for Red Cross CPR card.

Kinesiology - Varsity Athletic

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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KIN 207B Off-Season Men's Varsity Athletics 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity athletics. KIN 207A and KIN 207B can be taken a combined total of four times. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. 90 lab hours. CSU

21132 Gomez, S. MTWRF 02:00 PM-03:20 PM PE BF 08/27-11/21

OR 90 TOTAL HRS ARRG

Varsity Athletics: Men's Baseball.

Course does not have Waitlist.

KIN 208B Off-Season Women's Varsity Athletics 1 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level.
 This course provides intermediate and advanced instruction and practice in the skills and strategies of varsity athletics. KIN 208A and KIN 208B can be taken a combined total of four times. Students in this course must provide a current copy of a physical to the athletic trainers prior to participation. 90 lab hours. CSU

21133 Boxley, J. MTWRF 02:00 PM-03:20 PM PE SF 08/27-11/21

OR 90 TOTAL HRS ARRG

Varsity Athletics: Women's Softball.

Course does not have Waitlist.

KIN 209 Women's Varsity Soccer 2 Units

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

Intercollegiate competition in women's varsity soccer. 160 lab hours. CSU UC

21121 Tracey, T. MTWRF 05:00 PM-06:50 PM PE ST 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Women's Soccer.

Course does not have waitlist

KIN 211 Women's Varsity Volleyball 2 Units

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

Intercollegiate competition in women's varsity volleyball. 160 lab hours. CSU UC

21124 Jung, S. MTWRF 04:00 PM-05:50 PM PE 102 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Women's Volleyball.

Course does not have Waitlist.

KIN 213 Women's Varsity Basketball 2 Units

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

Intercollegiate competition in women's varsity basketball. 160 lab hours. CSU UC

21114 McDonald, T. MTWRF 06:00 AM-07:50 AM PE 102 08/25-12/15

OR TOTAL 160 HRS ARRG

Varsity Athletics: Women's Basketball.

Course does not have Waitlist.

KIN 216 Varsity Cross Country 2 Units

Strongly recommended: Advanced cross country skills to participate in a competitive collegiate experience. Must be a varsity college athlete/varsity college prospect or have coach's permission.

Intercollegiate competition in varsity cross country. 160 lab hours. CSU UC

21126 Shaw, N. MTWRF 07:00 AM-08:50 AM PE ST 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Men's and Women's Cross Country.

Course does not have Waitlist.

KIN 220 Men's Varsity Football 2 Units

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

Intercollegiate competition in men's varsity football. 160 lab hours. CSU UC

21119 Ponciano, R. MTWRF 03:15 PM-05:05 PM PE FP 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity athletics: Football.

Course does not have Waitlist

KIN 221 Men's Varsity Basketball 2 Units

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

Varsity athletics. Involves intercollegiate competition for two units of credit.

This course may be taken four times. 160 lab hours. CSU UC

21116 Victor, C. MTWRF 01:30 PM-03:20 PM PE 102 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Men's Basketball.

Course does not have Waitlist.

KIN 227 Women's Varsity Golf 2 Units

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

Intercollegiate competition in women's varsity golf. 160 lab hours. CSU UC

21117 Horton, J. MWF 01:00 PM-04:05 PM PE GI 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Women's Golf.

Course does not have Waitlist.

KIN 229 Men's Varsity Water Polo 2 Units

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

Intercollegiate competition in men's varsity water polo. 160 lab hours. CSU UC

21120 Rivas, B. MTWRF 02:30 PM-04:20 PM AQ POOL 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Men's Water Polo.

Course does not have Waitlist.

KIN 230 Women's Varsity Water Polo 2 Units

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

Intercollegiate competition in women's varsity water polo. 160 lab hours. CSU UC

21118 Rivas, C. MTWRF 12:30 PM-02:20 PM AQ POOL 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Women's Water Polo.

Course does not have Waitlist.

KIN 231 Men's Varsity Soccer 2 Units

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

Intercollegiate competition in men's varsity soccer. 160 lab hours. CSU UC

21115 Bruce-Oliver, F. MTWRF 05:15 PM-07:05 PM PE ST 08/25-12/15

OR 160 TOTAL HRS ARRG

Varsity Athletics: Men's Soccer.

Course does not have Waitlist

Leadership

LEAD 103 Foundations of Leadership 3 Units

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

A survey of the foundational theories and applications of leadership. Leadership is examined from the individual to its applications in the team and organizational settings. Emphasis is placed on the development of the student as a leader.

This course is required either as a corequisite or prerequisite to holding a leadership position in the campus' student government association. 54 lecture hours. CSU UC

21170 Thompson, A. W 06:00 PM-09:05 PM LB 102 08/25-12/15

Math

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
MATH 020 Arithmetic Fundamentals 1 Units Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. This course will be offered on a Pass/No Pass basis only. 18 lab hours, 36 lab hours arranged. 21212 Odrich, S. M 08:20 AM-09:25 AM MA 127 08/25-12/15 + 36 TOTAL HRS ARR 21215 Odrich, S. M 11:30 AM-12:35 PM MA 127 08/25-12/15 + 36 TOTAL HRS ARR 21209 Odrich, S. M 07:00 PM-08:05 PM MA 127 08/25-12/15 + 36 TOTAL HRS ARR 21211 Odrich, S. T 08:20 AM-09:25 AM MA 127 08/25-12/15 + 36 TOTAL HRS ARR 21213 Odrich, S. T 11:30 AM-12:35 PM MA 127 08/25-12/15 + 36 TOTAL HRS ARR 21216 Odrich, S. T 03:50 PM-04:55 PM MA 127 08/25-12/15 + 36 TOTAL HRS ARR 21217 Odrich, S. T 07:00 PM-08:05 PM MA 127 08/25-12/15 + 36 TOTAL HRS ARR 21214 Odrich, S. W 11:30 AM-12:35 PM MA 127 08/25-12/15 + 36 TOTAL HRS ARR						MATH 131 Plane Geometry 4 Units Prerequisite: MATH 030 or placement is based on multiple assessment measures. A first course in geometry. Elementary logic, properties of geometric figures, parallel and perpendicular lines, ratio and proportion, congruence, area, and volume. 72 lecture hours. 20334 Gutierrez, J. TR 03:45 PM-05:50 PM MA 109 08/25-12/15					
MATH 029 Pre-Algebra 4 Units Prerequisite: Placement is based on multiple assessment measures or successful completion of MATH 020. Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. This course is designed to prepare a student for Elementary Algebra. Topics include a review of arithmetic, a study of signed numbers, an introduction to fundamental algebraic concepts, solving equations, and solving applied problems. 72 lecture hours. NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 20641 Dominguez, V. MTWR 08:00 AM-09:10 AM MA 223 08/24-12/01 20643 Dominguez, V. MTWR 09:55 AM-11:05 AM MA 125 08/24-12/01 21023 Dominguez, V. MTWR 01:05 PM-02:15 PM PS 106 08/24-12/01 20642 Low, J. MW 08:20 AM-10:25 AM MA 230 08/25-12/15 20141 Low, J. MW 10:40 AM-12:45 PM MA 230 08/25-12/15 20132 Paek, H. MW 04:35 PM-06:40 PM MA 125 08/25-12/15 20142 Scott, C. MW 04:45 PM-06:50 PM PS 106 08/25-12/15 20126 Swatzel, J. TR 08:20 AM-10:25 AM MA 108 08/25-12/15 20123 Low, J. TR 08:20 AM-10:25 AM MA 230 08/25-12/15 20125 Paek, H. TR 04:10 PM-06:15 PM MA 125 08/25-12/15 20146 Scott, C. TR 04:45 PM-06:50 PM MA 223 08/25-12/15 20157 Leung, S. TR 05:25 PM-07:30 PM MA 108 08/25-12/15						MATH 150 Intermediate Algebra 5 Units Prerequisite: MATH 030 or placement is based on multiple assessment measures. Real number properties, first degree equations and inequalities, absolute value equations and inequalities, formulas, applications, exponents, polynomials, the binomial theorem, factoring, linear systems, functions, rational expressions, radicals, complex numbers, quadratic equations, conics, inverse functions, and exponential and logarithmic functions. 90 lecture hours. NOTE: THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 148 or 149. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150. 20397 Swan, A. MTWR 07:00 AM-08:10 AM MA 109 08/25-12/15 20388 Tussy, A. MTWR 07:00 AM-08:10 AM MA 222 08/25-12/15 20446 Swatzel, J. MTWR 11:30 AM-12:40 PM MA 108 08/25-12/15 20470 White, S. MTWR 08:20 AM-09:30 AM MA 109 08/25-12/15 20408 Tussy, A. MTWR 08:30 AM-09:40 AM MA 222 08/25-12/15 20448 White, S. MTWR 09:55 AM-11:05 AM MA 109 08/25-12/15 20688 Zhuang, Y. MTWR 11:35 AM-12:45 PM MA 124 08/25-12/15 20464 White, S. MTWR 11:45 AM-12:55 PM MA 109 08/25-12/15 20480 Everest, R. MW 01:05 PM-03:35 PM MA 222 08/25-12/15 20798 Zhuang, Y. MW 01:05 PM-03:35 PM MA 108 08/25-12/15 20459 Nguyenhuu, R. MW 01:05 PM-03:35 PM MA 124 08/25-12/15 20410 Gong, C. MW 01:30 PM-04:00 PM MA 126 08/25-12/15 20468 Gonzalez, R. MW 03:50 PM-06:20 PM MA 207 08/25-12/15 20987 Swan, A. MW 04:10 PM-06:40 PM MA 126 08/25-12/15 21021 Nguyenhuu, R. MW 05:25 PM-07:55 PM MA 124 08/25-12/15 20399 Zhuang, Y. TR 07:15 AM-09:45 AM MA 124 08/25-12/15 20456 Everest, R. TR 08:50 AM-11:20 AM MA 207 08/25-12/15 20473 Gonzalez, R. TR 01:05 PM-03:35 PM MA 230 08/25-12/15 20444 Nguyenhuu, R. TR 01:05 PM-03:35 PM MA 125 08/25-12/15 20795 Everest, R. TR 01:05 PM-03:35 PM MA 206 08/25-12/15 20645 Nguyenhuu, R. TR 03:50 PM-06:20 PM MA 124 08/25-12/15 20986 Gutierrez, J. TR 07:00 PM-09:30 PM MA 109 08/25-12/15 20476 Swatzel, J. HRS-ARRG 08/25-12/15 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus. 20805 Trad, M. HRS-ARRG 08/25-12/15 DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students required to take exams on campus.					
MATH 030 Elementary Algebra 4 Units Prerequisite: Placement is based on multiple assessment measures or completion of MATH 029 with min. grade of C. Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Fundamental operations with polynomials and rational expressions, products and factoring, linear and quadratic equations in one variable, inequalities, exponents, radicals, graphing linear equations, systems of equations, applications and introduction to functions. 90 lecture hours. 21427 Chun, M. MTWR 08:20 AM-09:30 AM LB 105 08/25-12/15 21421 Medrano, E. MTWR 08:20 AM-09:30 AM MA 206 08/25-12/15 21415 Trad, M. MTWR 08:25 AM-09:35 AM MA 125 08/25-12/15 21420 Gong, C. MTWR 10:00 AM-11:10 AM MA 126 08/25-12/15 21418 Trad, M. MTWR 10:00 AM-11:10 AM MA 124 08/25-12/15 21428 Tussy, A. MTWR 11:30 AM-12:40 PM MA 222 08/25-12/15 21430 Trad, M. MTWR 11:30 AM-12:40 PM MA 206 08/25-12/15 21422 Gong, C. MTWR 11:40 AM-12:50 PM MA 126 08/25-12/15 21412 Gutierrez, J. MW 07:15 AM-09:45 AM MA 126 08/25-12/15 21414 Phan-Yamada, T. MW 07:15 AM-09:45 AM MA 124 08/25-12/15 LEARNING COMMUNITIES CLASS: Requires enrollment in ENGL 099 CRN 21142. 21424 Swatzel, J. MW 08:20 AM-10:50 AM MA 108 08/25-12/15 21413 Paek, H. MW 01:05 PM-03:35 PM MA 125 08/25-12/15 21411 Lei, L. MW 01:05 PM-03:35 PM MA 230 08/25-12/15 21429 Nguyen, T. MW 03:30 PM-06:00 PM LB 105 08/25-12/15 21426 Scott, C. MW 07:00 PM-09:30 PM LH 102 08/25-12/15 21417 Gutierrez, J. TR 07:15 AM-09:45 AM MA 126 08/25-12/15						MATH 151 Plane Trigonometry 4 Units Prerequisite: MATH 131 or high school Geometry, or MATH 149 or MATH 150 or placement is based on multiple assessment measures. Functions, the trigonometric functions: their graphs and identities, laws of sines and cosines, solutions of triangles, trigonometric equations, inverse trigonometric functions, polar coordinates, DeMoivre's Theorem. 72 lecture hours. CSU 20484 Everest, R. MW 08:50 AM-10:55 AM MA 207 08/25-12/15 20492 Phan-Yamada, T. MW 10:05 AM-12:10 PM LB 105 08/25-12/15 21257 Ogimachi, T. MW 07:40 PM-09:45 PM MA 108 08/25-12/15 20490 Reagan, D. TR 09:55 AM-12:00 PM PS 106 08/25-12/15					

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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MATH 162 Introductory Mathematical Analysis 4 Units

Prerequisite: MATH 149 or 150 or placement is based on multiple assessment measures.

Concepts of function and limits: applied calculus emphasizing techniques of integration and differentiation with applications in social and life sciences, business administration, economics, and engineering technology. 72 lecture hours. CSU UC

20495	Paek, H.	TR	01:05 PM-03:10 PM	MA 126	08/25-12/15
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MATH 165 Introductory Statistics 4 Units

Prerequisite: MATH 149 or MATH 150 or placement is based on multiple assessment measures.

Introductory course to statistics and probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi square, and applications in diverse disciplines. 72 lecture hours. CSU UC

20499	Swan, A.	MW	09:15 AM-11:20 AM	PC 303	08/25-12/15
20796	Anderson, B.	MW	01:05 PM-03:10 PM	MA 206	08/25-12/15
20518	Dominguez, V.	MW	03:15 PM-05:20 PM	MA 206	08/25-12/15
21254	Ogimachi, T.	MW	05:25 PM-07:30 PM	MA 108	08/25-12/15
20507	Swan, A.	TR	09:15 AM-11:20 AM	PC 303	08/25-12/15
20710	Zhuang, Y.	TR	01:05 PM-03:10 PM	MA 108	08/25-12/15
20735	Swan, A.	TR	03:35 PM-05:40 PM	MA 126	08/25-12/15
20513	Gonzalez, R.	TR	03:50 PM-05:55 PM	MA 230	08/25-12/15
20847	Zhuang, Y.	TR	05:25 PM-07:30 PM	MA 206	08/25-12/15
21255	Gonzalez, R.	F	10:00 AM-02:15 PM	MA 124	08/25-12/15
20653	Tippins, R.	HRS-ARRG			08/25-12/15

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

MATH 170 College Algebra 4 Units

Prerequisite: MATH 149 or MATH 150 or placement is based on multiple assessment measures.

Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 72 lecture hours. CSU UC

21002	Nguyen, T.	MW	01:05 PM-03:10 PM	LB 105	08/25-12/15
20528	Chun, M.	TR	09:55 AM-12:00 PM	LB 105	08/25-12/15
20526	Gong, C.	TR	01:30 PM-03:35 PM	PC 303	08/25-12/15
20654	Tippins, R.	HRS-ARRG			08/25-12/15

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

MATH 175 Pre-Calculus 4 Units

Prerequisite: MATH 151 or placement is based on multiple assessment measures.

Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; mathematical induction. 72 lecture hours. CSU UC

20535	Tippins, R.	MW	01:05 PM-03:10 PM	MA 223	08/25-12/15
20533	Tippins, R.	TR	12:15 PM-02:20 PM	MA 223	08/25-12/15
20536	Scott, C.	TR	07:00 PM-09:05 PM	MA 207	08/25-12/15

MATH 190 Calculus with Analytic Geometry I 4 Units

Prerequisite: MATH 175 or placement is based on multiple assessment measures.

Introduction to differential and integral calculus with applications; functions; limits; and continuity; techniques of differentiation; exponential; logarithmic; and inverse trigonometric functions. 72 lecture hours. CSU UC

20544	Cheng, T.	MW	05:25 PM-07:30 PM	MA 109	08/25-12/15
20538	Medrano, E.	MTWR	10:00 AM-11:10 AM	MA 206	08/25-12/01
20992	Anderson, B.	TR	03:25 PM-05:30 PM	MA 207	08/25-12/15

MATH 191 Calculus with Analytic Geometry II 4 Units

Prerequisite: MATH 190.

Continuation of integral calculus with applications; techniques of integration; sequences and series; analytic geometry; plane curves; parametric equations; and polar coordinates. 72 lecture hours. CSU UC

20547	Gonzalez, R.	MW	01:05 PM-03:10 PM	MA 207	08/25-12/15
20545	Anderson, B.	TR	01:05 PM-03:10 PM	MA 124	08/25-12/15

MATH 210 Calculus with Analytic Geometry III 4 Units

Prerequisite: MATH 191.

Vectors, calculus of functions of more than one variable, partial derivatives, multiple integration, vector calculus, Green's Theorem, Stokes' Theorem, and divergence theorem. 72 lecture hours. CSU UC

20549	Medrano, E.	TR	01:05 PM-03:10 PM	MA 207	08/25-12/15
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MATH 212 Introduction to Linear Algebra 4 Units

Prerequisite: MATH 191.

An introduction to linear algebra that complements coursework in calculus. Topics include systems of linear equations, matrix operations, determinants, vectors and vector spaces, eigenvalues and eigenvectors and linear transformations. 72 lecture hours. CSU UC

20736	Tippins, R.	TR	09:15 AM-11:20 AM	MA 223	08/25-12/15
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Medium and Heavy Truck Tech

MTRK 154 Medium and Heavy Truck Chassis Service, Diagnosis and Repair 5 Units

Prerequisite: AUTO 101.

Strongly recommended: ENGL 099 or ENGL 100 or READ 099 if required by English placement or if required by English level. Also, MATH 115 or higher level.

Other: Higher level math course.

Intended for those seeking a career in the medium and heavy duty truck service and repair industry. This course covers essential chassis system theory, along with inspection, diagnosis, service & repair of the following systems: brake, steering, suspension, alignment, wheel/tire, and ABS. Course prepares students for ASE Suspension and Steering (T4) and ASE Brakes (T5) certification. 54 lecture hours, 126 lab hours. CSU

21456	Luke, T.	WR	08:00 AM-09:25 AM	TE 102	08/25-12/15
	Luke, T.	WR	09:25 AM-01:10 PM	DT 104	08/25-12/15

Music - Commercial

MUS 145 Pop Rock and Jazz Performance Styles 4 Units

Prerequisite: Audition.

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. This course may be taken four times. 36 lecture hours, 18 lab hours, 108 lab hours arranged. CSU

20523	Munoz, G.	M	01:05 PM-01:55 PM	PA 154	08/25-12/15
	Munoz, G.	M	01:55 PM-02:45 PM	PA 154	08/25-12/15
	Munoz, G.	W	01:05 PM-02:10 PM	PA 154	08/25-12/15

AUDITION REQUIRED. This course does not have a waitlist.

+ 108 TOTAL HRS ARRG (Required: arranged hours are scheduled on Wednesdays from 2:10pm-2:45pm, plus scheduled performances)

20852	Munoz, G.	T	01:05 PM-01:55 PM	PA 154	08/25-12/15
	Munoz, G.	T	01:55 PM-02:45 PM	PA 154	08/25-12/15
	Munoz, G.	R	01:05 PM-02:10 PM	PA 154	08/25-12/15

AUDITION REQUIRED. This course does not have a waitlist.

+ 108 TOTAL HRS ARRG (Required: arranged hours are scheduled on Thursday from 2:10pm-2:45pm, plus scheduled performances)

MUS 150 Professional Performance Techniques 3 Units

Prerequisite: Audition.

The Professional Performance Techniques for the musician class provides the musician with the necessary fundamentals, to accurately assess a performance setting and make appropriate decisions for its success. The course stresses detailed style analysis in a broad range of musical settings. Logistical necessities will be examined and the course will culminate with musical performances. This course may be taken four times. 18 lecture hours, 108 lab hours.

20831	Waddington, A.	T	05:00 PM-05:50 PM	PA 154	08/25-12/15
	Waddington, A.	T	05:50 PM-08:30 PM	PA 154	08/25-12/15
	Waddington, A.	R	05:00 PM-08:30 PM	PA 154	08/25-12/15

AUDITION REQUIRED. This course does not have a waitlist

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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MUS 162 Songwriting 2 Units

Strongly recommended: MUS 112.
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 arranged.

21000	Boylan, J.	M	09:55 AM-10:45 AM	PA 192	08/25-12/15
	Boylan, J.	W	09:55 AM-11:00 AM	PA 192	08/25-12/15

+ 18 TOTAL HRS ARRG

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

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

20832	Munoz, G.	T	02:55 PM-03:45 PM	PA 154	08/25-12/15
	Munoz, G.	R	02:55 PM-04:00 PM	PA 154	08/25-12/15

AUDITION REQUIRED. This course does not have a waitlist.

+ 18 TOTAL HRS ARRG

MUS 214 Musical Theatre Techniques 3 Units

This introductory course provides an overview of the techniques necessary for the performer in a live musical theatre production. Topics include history of American musical theatre, audition technique, rehearsal and performance techniques, and methods of production evaluation. This course may be taken four times. 36 lecture hours, 18 lab hours, 36 lab hours arranged. CSU UC

21109	Shrope, D.	M	03:00 PM-03:50 PM	PA 133	08/25-12/15
	Shrope, D.	M	03:50 PM-04:40 PM	PA 133	08/25-12/15
	Shrope, D.	W	04:00 PM-05:05 PM	PA 133	08/25-12/15

+ 36 TOTAL HRS ARRG (Required: arranged hours are scheduled on

Wednesdays from 5:05pm-5:30pm, plus scheduled performances)

MUS 290 Applied Music 2 Units

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

20233	Shrope, D.	W	02:40 PM-03:40 PM	PA 133	08/25-12/15
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AUDITION REQUIRED. This course does not have a waitlist.

+ 108 TOTAL HRS ARRG

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

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

20238	Shrope, D.	W	02:40 PM-03:40 PM	PA 133	08/25-12/15
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AUDITION REQUIRED. This course does not have a waitlist.

+ 108 TOTAL HRS ARRG

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

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

20243	Shrope, D.	W	02:40 PM-03:40 PM	PA 133	08/25-12/15
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AUDITION REQUIRED. This course does not have a waitlist.

+ 108 TOTAL HRS ARRG

Music - History and Theory

MUS 100 Musicianship I 2 Units

Corequisite: MUS 102.
Other: Recommendation by instructor(s) of music courses which require knowledge of sightsinging.
An introductory class for the music major. Practice and skill development in melodic and rhythmic dictation, intervals, and sight-singing. Required of all music majors. 36 lecture hours.

20375	Galvan, A.	M	08:20 AM-09:10 AM	VT 319	08/25-12/15
	Galvan, A.	W	08:20 AM-09:25 AM	VT 319	08/25-12/15
21026	Eisel, G.	T	08:20 AM-09:10 AM	VT 319	08/25-12/15
	Eisel, G.	R	08:20 AM-09:25 AM	VT 319	08/25-12/15
20377	Galvan, A.	T	09:55 AM-10:45 AM	VT 208	08/25-12/15
	Galvan, A.	R	09:55 AM-11:00 AM	VT 208	08/25-12/15

MUS 102 Harmony I 3 Units

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

20382	Eisel, G.	MW	09:55 AM-11:20 AM	PA 193	08/25-12/15
21027	Hoehne, W.	MW	08:20 AM-09:45 AM	VT 208	08/25-12/15
20385	Eisel, G.	TR	01:05 PM-02:30 PM	VT 215	08/25-12/15

MUS 110 History of Music I 3 Units

This is an in-depth course examining the history of music as well as the lives and contributions of major composers from Antiquity, the Middle Ages, the Renaissance, and the Baroque periods. Required for music majors. 54 lecture hours. CSU UC

20392	Langford, W.	TR	08:20 AM-09:45 AM	PA 193	08/25-12/15
24022	Langford, W.		HRS-ARRG		08/25-12/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de MANDATORY ON-CAMPUS ORIENTATION, see website for details.

MUS 112 Music Fundamentals 3 Units

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

20850	Munoz, G.	MW	11:30 AM-12:55 PM	PA 192	08/25-12/15
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+ 18 TOTAL HRS ARRG

20417	Galvan, A.	MW	01:05 PM-02:30 PM	VT 319	08/25-12/15
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In addition to the class meeting time, students must attend ONE of the four lab times: Monday or Wednesday at 2:30-3:45P in VT215 or Tuesday or Thursday at 2:30-3:45P in VT319. + 18 TOTAL HRS ARRG

20429	Galvan, A.	TR	01:05 PM-02:30 PM	VT 319	08/25-12/15
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In addition to the class meeting time, students must attend ONE of the four lab times: Monday or Wednesday at 2:30-3:45P in VT215 or Tuesday or Thursday at 2:30-3:45P in VT319. + 18 TOTAL HRS ARRG

MUS 113 History of Rock and Roll 3 Units

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

20349	Eisel, G.	MW	11:30 AM-12:55 PM	PA 133	08/25-12/15
20355	Eisel, G.	MW	01:05 PM-02:30 PM	PA 133	08/25-12/15
20362	Eisel, G.	TR	11:30 AM-12:55 PM	PA 133	08/25-12/15

MUS 114 Music Appreciation 3 Units

This course is an introduction to music from the Middle Ages to the 20th Century. Instruction includes basic music theory, a study of prominent composers, and a survey of musical forms. Recommended for the non-music majors. Required for music majors. 54 lecture hours. CSU UC

20475	Langford, W.	TR	11:30 AM-12:55 PM	PA 193	08/25-12/15
20478	Langford, W.	TR	01:05 PM-02:30 PM	PA 193	08/25-12/15
20483	Langford, W.		HRS-ARRG		08/25-12/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de MANDATORY ON-CAMPUS ORIENTATION on Wednesday, August 29, 2012 at 5pm in PA192.

20488	Langford, W.		HRS-ARRG		10/22-12/15
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de MANDATORY ON-CAMPUS ORIENTATION on October 22, 2012 at 5pm in PA192. Second Eight Weeks

Note: Course Dates indicate Beginning and Ending Dates

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

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

Prerequisite: Audition.
 Strongly recommended: MUS 112. Also, ENGL 099 or READ 099 if required by English placement or if required by English level.
 A preparatory course in sight-reading for the aspiring performer/studio musician. Focus is upon polished/professional performance through the application of music theory and analysis to the sight-reading process. This course may be taken four times. 54 lecture hours, 18 lab hours arranged. CSU
 20784 Galvan, A. MW 09:55 AM-11:20 AM VT 208 08/25-12/15
 + 18 TOTAL HRS ARRG

MUS 200 Musicianship 2 Units

Prerequisites: MUS 101 and 103.
 Corequisite: MUS 202.
 Melodic and rhythmic dictation and sight singing. Identification of intervals, chord qualities, scales, phrases and harmonic function. Required for transferring music majors. 36 lecture hours. CSU UC
 20496 Eisel, G. T 10:00 AM-10:50 AM VT 319 08/25-12/15
 Eisel, G. R 10:00 AM-11:05 AM VT 319 08/25-12/15

MUS 202 Harmony 3 Units

Prerequisite: MUS 103.
 Corequisite: MUS 200.
 Continuation of first year's study, including seventh chords, secondary dominants, modality, harmonic structure of the phrase, harmonization of a given part, harmonic rhythm, irregular resolutions of secondary dominants, analysis of melodies, short works for piano, chorales, and songs. Required of all transferring music majors. 54 lecture hours. CSU UC
 20497 Eisel, G. MW 08:20 AM-09:45 AM PA 193 08/25-12/15

MUS 218 History of Jazz 3 Units

A survey of jazz music. This course provides an opportunity to explore jazz music, its origins, its many styles, and some of the great names whose artistry influenced its development. The effect of jazz on other musical forms such as classical and rock & roll will be explored as well. 54 lecture hours. CSU UC
 20500 Beatty, D. T 07:00 PM-10:10 PM VT 319 08/25-12/15

Music - Instrumental

MUS 105 Elementary Piano I 2 Units

For the beginning music student or non-music major. Covers all basic elements in elementary piano, including music reading, rhythm studies, technique, and scales. 36 lecture hours. CSU UC
 20432 Galvan, A. T 11:30 AM-12:20 PM VT 319 08/25-12/15
 Galvan, A. R 11:30 AM-12:35 PM VT 319 08/25-12/15

MUS 107 Jazz Ensemble 4 Units

Prerequisite: Audition.
 Study and performance of jazz and big band music. This course provides an opportunity to learn the techniques applicable to the large ensemble. Public performance required. This course may be taken four times. 36 lecture hours, 126 lab hours. CSU UC
 20445 Slack, R. M 05:00 PM-05:50 PM PA 154 08/25-12/15
 Slack, R. W 05:00 PM-06:05 PM PA 154 08/25-12/15
 Slack, R. MWF 06:05 PM-08:25 PM PA 154 08/25-12/15
AUDITION REQUIRED. Course does not have waitlist.

MUS 152 Jazz Combos 1 Units

Prerequisite: Audition.
 Students will work extensively on improvisation and small group techniques. The study of standard "be-bop" tunes and their application in the small group will be covered. This class will be divided into small ensembles. Public performance required. This course may be taken four times. 48 lab hours, 24 lab hours arranged. CSU UC
 21108 Hoehne, W. TR 09:55 AM-11:10 AM PA 154 08/25-12/15
AUDITION REQUIRED. This course does not have a waitlist.
 + 24 TOTAL HRS ARRG

MUS 154 Jazz Improvisation I 3 Units

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 arranged. CSU UC

MUS 207 Laboratory Band 2 Units

Prerequisite: Audition.
 Corequisites: MUS 290 or 291 or 292.
 Introductory study and performance of jazz and commercial music. Topics include scales, chords, patterns, improvisation and development of musical style. Public performance required. This course may be taken four times. 36 lecture hours, 18 lab hours, 108 lab hours arranged. CSU UC
 20561 Hoehne, W. T 11:30 AM-12:20 PM PA 154 08/25-12/15
 Hoehne, W. T 12:20 PM-01:00 PM PA 154 08/25-12/15
 Hoehne, W. R 11:30 AM-12:35 PM PA 154 08/25-12/15
 Hoehne, W. R 12:35 PM-01:00 PM PA 154 08/25-12/15
AUDITION REQUIRED. This course does not have a waitlist.
 + 108 TOTAL HRS ARRG

MUS 244 Wind Symphony II 4 Units

Prerequisite: Audition.
 The study and performance of advanced wind band literature, with an emphasis on the development of the highest standards of personal and musical professionalism. 36 lecture hours, 32 lab hours, 76 lab hours arranged. CSU UC
 21453 Hoehne, W. M 11:30 AM-12:20 PM PA 154 08/25-12/15
 Hoehne, W. W 11:30 AM-12:35 PM PA 154 08/25-12/15
 Hoehne, W. F 11:30 AM-01:20 PM PA 154 08/25-12/15
AUDITION REQUIRED. This course does not have a waitlist.
 + 76 TOTAL HRS ARRG (Required: arranged hours are scheduled on Mondays from 12:20-1pm & Wednesdays from 12:35-1pm, plus scheduled performances)

Music - Vocal

MUS 115 Voice 2 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 Special attention given to beginners with emphasis on basic elements necessary for good singing. This course may be taken four times. 36 lecture hours, 18 lab hours arranged. CSU UC
 20828 Green, M. M 09:55 AM-10:45 AM VT 319 08/25-12/15
 Green, M. W 09:55 AM-11:00 AM VT 319 08/25-12/15
 + 18 TOTAL HRS ARRG
 20190 Green, M. M 02:35 PM-03:25 PM VT 319 08/25-12/15
 Green, M. W 02:35 PM-03:40 PM VT 319 08/25-12/15
 + 18 TOTAL HRS ARRG
 20206 Green, M. T 09:55 AM-10:45 AM PA 193 08/25-12/15
 Green, M. R 09:55 AM-11:00 AM PA 193 08/25-12/15
 + 18 TOTAL HRS ARRG

MUS 116 Chamber Singers I 4 Units

Prerequisite: Audition.
 This course includes the study and performance of composition for the mixed choral ensemble. Includes compositions of the Baroque, Classic, and Romantic style period. Public performance required. This course may be taken four times. 36 lecture hours, 126 lab hours. CSU UC
 20143 Shrope, D. MTWR 09:55 AM-11:20 AM PA 133 08/25-12/15
 Shrope, D. F 08:45 AM-11:50 AM PA 133 08/25-12/15
Audition required. Course does not have a waitlist.

MUS 118 Concert Choir I 3 Units

Open to all students. Standard choral literature studied; special attention is given to choral tone production, phrasing and interpretation. Participation in public performances is required. This course may be taken four times. 36 lecture hours, 18 lab hours, 36 lab hours arranged. CSU UC
 20210 Green, M. T 01:05 PM-01:55 PM PA 133 08/25-12/15
 Green, M. T 01:55 PM-02:45 PM PA 133 08/25-12/15
 Green, M. R 01:05 PM-02:10 PM PA 133 08/25-12/15
 + 36 TOTAL HRS ARRG (Required: arranged hours are scheduled on Thursdays from 2:10pm-2:45pm, plus scheduled performances)

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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MUS 210 Intermediate Voice 2 Units

Prerequisite: MUS 115 or audition.
 Vocal exercises, analysis, and song memorization for the development of skill in performing literature for the solo voice. This course may be taken four times.
 36 lecture hours, 18 lab hours arranged. CSU UC
 20727 Green, M. T 02:55 PM-03:45 PM PA 133 08/25-12/15
 Green, M. R 02:55 PM-04:00 PM PA 133 08/25-12/15
+ 18 TOTAL HRS ARRG

MUS 232 Women's Ensemble I 4 Units

Prerequisite: Audition.
 This course prepares the student for in-depth women's ensemble performance. Emphasis on study and performance of classical compositions for women's ensemble. Public performance is required. This course may be taken four times.
 36 lecture hours, 54 lab hours, 72 lab hours arranged. CSU UC
 20131 Mixson, V. T 08:20 AM-09:10 AM PA 192 08/25-12/15
 Mixson, V. R 08:20 AM-09:25 AM PA 192 08/25-12/15
 Mixson, V. F 09:00 AM-12:05 PM PA 192 08/25-12/15
AUDITION REQUIRED. This course does not have a waitlist
+ 72 TOTAL HRS ARRG

Nursing

NRS 100 Introduction to Health Occupations 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 Fundamental skills needed for health related occupations. Includes medical terminology, medical math, the application of computers to health care, techniques and learning tools to evaluate scientific readings, field study and exposure to health career opportunities. Offered for Pass/No Pass grading only.
 36 lecture hours, 54 lab hours.
 20640 Greene, D. M 02:40 PM-03:45 PM P3 105 08/25-12/15
 Greene, D. M 03:46 PM-05:00 PM P3 105 08/25-12/15
 Greene, D. W 02:40 PM-03:45 PM P3 105 08/25-12/15
 Greene, D. W 03:46 PM-05:00 PM P3 105 08/25-12/15
Lecture and Lab combined. Course does not have Waitlist.
 20668 Greene, D. R 08:00 AM-09:10 AM P3 105 08/25-12/15
 Greene, D. R 09:11 AM-10:34 AM P3 105 08/25-12/15
 Greene, D. T 08:00 AM-09:10 AM P3 105 08/25-12/15
 Greene, D. T 09:11 AM-10:34 AM P3 105 08/25-12/15
Lecture and Lab combined. Course does not have Waitlist.
 20669 Greene, D. T 02:40 PM-03:45 PM P3 105 08/25-12/15
 Greene, D. T 03:46 PM-05:00 PM P3 105 08/25-12/15
 Greene, D. R 02:40 PM-03:45 PM P3 105 08/25-12/15
 Greene, D. R 03:46 PM-05:00 PM P3 105 08/25-12/15
Lecture and Lab combined. Course does not have Waitlist.
 20695 Greene, D. M 08:00 AM-09:10 AM P3 105 08/25-12/15
 Greene, D. M 09:11 AM-10:34 AM P3 105 08/25-12/15
 Greene, D. W 08:00 AM-09:10 AM P3 105 08/25-12/15
 Greene, D. W 09:11 AM-10:34 AM P3 105 08/25-12/15
Lecture and Lab combined. Course does not have Waitlist.

Nursing - Registered

RNRS 190 Foundations of Nursing 4 Units

Prerequisites: BIO 200, 201, 220 or equivalents and admission to the ADN program.
 Corequisites: RNRS 191 and 192.
 The first course in the nursing sequence, students are introduced to the applications of critical thinking and the nursing process needed to provide basic care to clients in a variety of community, long term and acute care settings. Emphasis is on promoting optimum health across the health-illness continuum. Clinical experiences provide the opportunity to practice basic skills and include campus laboratory and experiences in community settings. 36 lecture hours, 108 lab hours.
 20777 Allahbachayo, S. R 08:00 AM-12:20 PM TC 228 08/25-10/20
Lecture section only. Lab section also required.
First Eight Weeks
 20779 Barajas, N. MT 06:45 AM-01:47 PM FD 08/25-10/20
Lab section only. Lecture section also required.
First Eight Weeks. Course does not have Waitlist.

20780 Hullings, G. MT 06:45 AM-01:47 PM FD 08/25-10/20
Lab section only. Lecture section also required.
First Eight Weeks
Clinical days and times are subject to change. Course does not have Waitlist.

RNRS 191 Introduction to Medical/Surgical Nursing I 5 Units

Pre-requisites: BIO 200, 201 and 220.
 Corequisites: RNRS 190 and 192.
 Introduction to concepts and practices as they relate to the non-critical young adult through geriatric adult in the medical-surgical environment. Through utilization of the nursing process, the student will begin to recognize alterations in functioning or illness and formulate age-appropriate nursing interventions. Selected psychomotor skills associated with the basic needs, medication administration and intravenous therapy will be studied and practiced. Introduction to Medical-Surgical Nursing I introduces the first year nursing student to concepts and practices as they related to the adult patient in the Medical-Surgical environment. 36 lecture hours, 162 lab hours.
 20983 Boquiren, C. W 08:00 AM-01:05 PM TC 228 10/22-12/15
Lecture section only. Lab section also required.
Second Eight Weeks
 20837 Barajas, N. MT 06:45 AM-05:15 PM FD 10/22-12/15
Lab section only. Lecture section also required.
Second Eight Weeks. Course does not have Waitlist.
 20838 Hullings, G. MT 06:45 AM-05:15 PM FD 10/22-12/15
Lab section only. Lecture section also required.
Second Eight Weeks
Clinical days and times are subject to change. Course does not have Waitlist.

RNRS 192 Pharmacology for Nurses 2 Units

Prerequisites: BIO 200, 201, 220 or equivalents and admission to the ADRN Program.
 Corequisites: RNRS 190 and 191.
 The course introduces students to basic understandings of the interaction between drugs and living systems and prepares students for system application of drug therapy throughout the remainder of the program. The course includes instruction in drug classes and schedules, principles of drug administration, pharmacokinetics, pharmacodynamics across the life span, and legal and ethical issues related to drug administration. 36 lecture hours.
 20781 Barajas, N. R 04:00 PM-06:05 PM TC 228 08/25-12/15

RNRS 201 Medical-Surgical Nursing III 5 Units

Prerequisites: RNRS 193, 194, 195 or 200; OR current standing as a LVN in California and the successful completion of RNRS 200 (Role transition: LVN to RN).
 Corequisite: RNRS 203.
 Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course examines the nursing care of selected individuals throughout the lifespan who are experiencing complex alterations in wellness involving multiple systems. Care of clients experiencing a high-risk pregnancy and high-risk newborns is also included. Clinical experiences in local health care agencies and computerized simulation manikins and scenarios provide students opportunity to apply theoretical concepts to actual care of clients. 45 lecture hours, 135 lab hours.
 20839 Allahbachayo, S. R 10:00 AM-12:30 PM TC 229 08/25-12/15
Lecture section only. Lab section also required.
 20840 Allahbachayo, S. MU 06:45 AM-07:30 PM FD 10/21-11/26
Lab section only. Lecture section also required.
Clinical days and times are subject to change.
Course does not have Waitlist.
 20841 Andaya, S. MT 06:45 AM-07:30 PM FD 09/10-10/16
Lab section only. Lecture section also required.
Clinical days and times are subject to change. Course does not have Waitlist.
 20866 Andaya, S. MT 07:00 AM-07:05 PM FD 10/22-11/26
Lab section only. Lecture section also required.
Clinical days and times are subject to change. Course does not have Waitlist.

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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RNRS 203 Mental Health-Psychiatric Nursing 3 Units

Prerequisites: RNRS 193, 194, 195 or 200; OR current standing as a LVN in California and the successful completion of HS 200 SLOs.

Corequisite: RNRS 201.

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

This course presents the principles of mental health and the social, economic, cultural and physiological factors that predispose a person to dysfunctional human behavior. Emphasis is placed on the therapeutic role of the nurse in promotion, preventing, maintaining and restoring individuals to optimal mental well-being. Concepts of therapeutic communication, age related concerns, treatment modalities, and delivery of mental health services are included.

Clinical laboratory experiences are provided in community care facilities. 27 lecture hours, 81 lab hours.

20842 Greene, D. R 01:00 PM-02:25 PM TC 229 08/25-12/15

Lecture section only. Lab section also required.

20843 Nwangwu, H. M 06:45 AM-06:45 PM FD 09/10-10/15

Lab section only. Lecture section also required.

Clinical days and times are subject to change.

Management of Assaultive Behavior mandatory meeting will be held on Friday, August 31, 2012 from 8:00am - 5:00pm in Room TC 230. Course does not have Waitlist.

20844 Greene, D. F 06:45 AM-06:45 PM FD 09/07-10/12

Lab section only. Lecture section also required.

Clinical days and times are subject to change

Management of Assaultive Behavior session will be held on Friday, August 31, 2012 at

8:00am - 5:00pm in Room TC 230. Course does not have Waitlist.

20845 Greene, D. M 06:45 AM-06:45 PM FD 10/29-12/10

Lab section only. Lecture section also required.

Second 8 Weeks

Clinical days and times are subject to change

Management of Assaultive Behavior session will be held on Monday, October 22, 2012 at 8:00am - 5:00pm in TC 230. Course does not have Waitlist.

Nursing - Vocational

VNRS 150 Fundamentals of Nursing 3 Units

Prerequisite: NRS 100.

Corequisites: VNRS 151L.

This course presents the evolution of nursing through history until the present time, defines the paradigm of health and illness, explores the issues of culture and ethnicity, and examines the nurse-client relationship. The course presents a wide variety of basic nursing procedures used in the practice of vocational nursing, including how to do the procedure, as well as why and when these procedures should be done. The course presents special tools of nursing: the nursing diagnosis and the nursing process, which are used to provide individualized care to clients. 54 lecture hours.

20752 Grauso, L. T 09:00 AM-11:00 AM TC 228 08/25-10/20

Grauso, L. T 01:00 PM-03:29 PM TC 228 08/25-10/20

Grauso, L. T 03:30 PM-05:30 PM TC 228 08/25-10/20

Lecture section only. Lab section also required.

First Eight Weeks

VNRS 151L Fundamentals of Nursing Lab 3 Units

Prerequisite: NRS 100.

Corequisites: VNRS 150.

Clinical application of theoretical concepts of basic nursing functions. Offered for Pass/No Pass grading only. 162 lab hours.

20753 Grauso, L. WF 06:45 AM-06:05 PM FD 08/25-10/20

Lab section only. Lecture section also required.

First Eight Weeks

Lab days and times are subject to change. Course does not have Waitlist.

20754 Ellis, J. WR 12:00 PM-11:05 PM FD 08/25-10/20

Lab section only. Lecture section also required.

First Eight Weeks

Lab days and times are subject to change. Course does not have Waitlist.

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.

20755 Wong, J. M 02:15 PM-04:35 PM TC 228 08/25-10/20

First Eight Weeks

VNRS 153 Introductory Nutrition for the Vocational Nurse 1 Units

Prerequisite: NRS 100.

This course introduces the fundamentals of nutrition to the nursing student by discussing the relationship of food and health and the body's utilization of the six essential nutrients. Content also includes the five basic food groups, the food guide pyramid, and how to define and achieve a well-balanced diet. This course establishes the foundation needed for further study of nutrition in NRS 163. 18 lecture hours.

20756 Grauso, L. T 06:45 AM-08:50 AM TC 228 08/25-10/20

First Eight 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 or READ 099 if required by English placement or if required by English level.

Vocational nursing students will explore the basic facts of human anatomy and the principles of physiology with selected clinical examples. 27 lecture hours.

20757 Bowman, D. M 06:35 AM-10:05 AM TC 228 08/25-10/20

First Eight Weeks

VNRS 155 Social Psychology for the Vocational Nurse 1 Units

Prerequisite: NRS 100.

Corequisites: VNRS 150, 151L, 152, 153, 154.

This course introduces basic concepts of psychology while helping students relate them to their patient and themselves. It includes information about personality development, wellness, and personal care, assertiveness, job-related communication, cultural and spiritual differences, employability skills, the role of the LVN, general legal aspects and nursing ethics. 18 lecture hours.

20758 Ellis, J. M 10:15 AM-12:35 PM TC 228 08/25-10/20

First Eight Weeks

VNRS 160 Medical - Surgical Nursing I 3 Units

Prerequisite: VNRS 150.

Corequisite: VNRS 161L.

This course presents the theory and principles of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. The course presents the principles and skills needed to perform a beginning level assessment of clients with alterations of these systems, within the scope of practice of the LVN. The course presents the application of the nursing process to the planning and care of these clients. 54 lecture hours.

20759 Ellis, J. T 09:00 AM-10:50 AM TC 228 10/22-12/15

Ellis, J. T 01:00 PM-03:30 PM TC 228 10/22-12/15

Ellis, J. T 03:36 PM-05:35 PM TC 228 10/22-12/15

Lecture section only. Lab section also required.

Second Eight Weeks

VNRS 161L Medical - Surgical Nursing I Lab 3 Units

Prerequisites: VNRS 151L.

Corequisites: VNRS 160.

Clinical application of theoretical concepts of nursing care for clients with illness and/or injury of the musculoskeletal, integumentary, and gastrointestinal systems. Offered for Pass/No Pass grading Only. 162 lab hours.

20760 Grauso, L. WF 06:45 AM-04:50 PM FD 10/22-12/15

Lab section only. Lecture section also required.

Second Eight Weeks

Lab days and times are subject to change

Lab will also meet on the following Saturdays: November 3, 2012 and December 1, 2012 - 7:00am - 4:00pm. Course does not have Waitlist.

20761 Ellis, J. WR 01:30 PM-11:50 PM FD 10/22-12/15

Lab section only. Lecture section also required.

Second Eight Weeks

Lab days and times are subject to change

Lab will also meet on the following Fridays: November 2 and November 16, 2012 at 7:00am - 4:00pm. Course does not have Waitlist.

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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VNRS 162 Pharmacology II 1 Units

Prerequisites: VNRS 150, 151L, 152, 153, 154, 155.
 Fundamental principles of drug action, the application of specific drugs in the treatment of disease, and the appropriate nursing actions to maximize the desired outcome of therapy. 18 lecture hours.

20762	Wong, J.	M	10:15 AM-12:35 PM	TC 228	10/22-12/15
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Second Eight Weeks

VNRS 163 Diet Therapy for the Vocational Nurse 1 Units

Prerequisite: VNRS 153.
 This course presents nutritional needs across the lifespan, including the nutritional needs of healthy adults and the needs of people with certain illnesses, as well as nutritional needs related to pregnancy and lactation. Content includes nutritional assessment and planning and the use of therapeutic diets in the treatment of certain illnesses. This course builds on the fundamentals of nutrition presented in VNRS 153. 18 lecture hours.

20763	Grauso, L.	T	06:45 AM-08:50 AM	TC 228	10/22-12/15
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Second Eight Weeks

VNRS 164 Body Structure and Function for the Vocational Nurse II 1.5 Unit:

Prerequisites: VNRS 154.
 Corequisites: VNRS 160.
 A continuation of body structure and function for the vocational nurse with clinical case studies. 27 lecture hours.

20764	Bowman, D.	M	06:45 AM-09:55 AM	TC 228	10/22-12/15
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Second Eight Weeks

VNRS 165 Adult Growth and Development for the Vocational Nurse 1 Units

Prerequisites: VNRS 150.
 Theoretical principles of growth and development. Nursing assessment and promotion of health of the adult from early childhood through death. 18 lecture hours.

20765	Grauso, L.	M	HRS-ARRG	TC 228	10/22-12/15
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DISTANCE EDUCATION LATE START HYBRID CLASS

After registering go to www.citruscollege.edu/de

Second Eight Weeks

Class will also meet on the following Mondays: October 22, November 5, November 19, December 3, and December 10, 2012 in Room TC 228 from 1:30pm to 3:35pm.

Online classes will be October 29, November 12, and November 26, 2012. Students required to take exams on campus. (Quiz #4 will be on campus Dec. 6 at 10:00am)

VNRS 170 Medical-Surgical Nursing II 7 Units

Prerequisites: VNRS 160, 161L, 162, 163, 164.
 Corequisites: VNRS 171L.
 Provides advanced nursing students the theory needed to perform skills and procedures for the adult in VNRS 171L. By consistently emphasizing the nursing process and rationale, the approach to each body system includes basic assessment or data collection, planning, implementation, evaluation and documentation. Basic nursing skills are reinforced while advance skills include those related to the following body systems: cardiovascular, respiratory, neurological, genitourinary, endocrine and special senses. 126 lecture hours.

20766	Boquiren, C.	T	06:45 AM-02:20 PM	TC 229	08/25-12/15
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Lecture section only. Lab section also required.

VNRS 171L Medical-Surgical Nursing II Lab 7 Units

Corequisites: VNRS 170 and VNRS 183.
 Clinical application of theoretical concepts of medical-surgical nursing of clients with alterations of respiration, circulation, blood and immune system, endocrine, special senses, neurological and genito-urinary conditions. Offered for Pass/No Pass grading only. 378 lab hours.

20767	Boquiren, C.	RF	12:00 PM-09:45 PM	FD	08/25-12/15
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Lab section only. Lecture section also required.

Lab days and times are subject to change

Lab (Competencies) will also meet on the following Wednesdays: October 3, 2012 and October 24, 2012 at 6:45am - 3:45pm. In addition the following Wednesdays: August 29, 2012, September 5th and 12th, 2012 - 6:45am to 6:45pm. Course does not have Waitlist.

20768 Wong, J. WR 06:45 AM-05:20 PM FD 08/25-12/15
 Lab section only. Lecture section also required.
 Lab days and times are subject to change.
 Lab (Competencies) will also meet on the following Fridays: October 5, 2012 and October 26, 2012 at 6:45am - 3:45pm and the following Saturdays: September 8, 2012, September 22, 2012 and November 17, 2012 from 6:45am - 6:45pm. Course does not have Waitlist.

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.

20769	Wong, J.	M	09:00 AM-02:05 PM	TC 229	08/25-10/20
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First Eight Weeks

VNRS 173 Psychology for Vocational Nurses 2 Units

Prerequisites: VNRS 161L, 162, 163, 164, 165.
 Corequisites: VNRS 170, 171L, 172, 183.
 Mental health care for patients and their families who are experiencing the pain of mental disorders. Teaches the nurse to plan and deliver care and provide health teaching so that effective self-care is possible when discharge occurs. 36 lecture hours.

20770	Bowman, D.	M	09:00 AM-02:02 PM	TC 229	10/22-12/15
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Second Eight Weeks

VNRS 183 Leadership in Nursing 3 Units

Prerequisites: VNRS 160, 161L. VNRS 170 or concurrent enrollment. VNRS 171L or concurrent enrollment.
 Teaches advanced nursing students in the theory needed to perform skills and procedures used by nursing team leaders in a clinical setting. 36 lecture hours, 54 lab hours.

20771	Tucker, G.	HRS-ARRG			08/25-12/15
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DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

Lecture section only. Lab section also required.

All class meetings on campus will be held the following Mondays in TC 229 - 6:45am - 8:50am
 August 27, 2012 - December 3, 2012.

Students are required to take exams on campus on Monday, October 22 and December 10 at 6:45am in TC 229.

20794	Boquiren, C.	RF	09:46 PM-11:15 PM	FD	08/25-12/15
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Lab section only. Lecture section also required.

Lab days and times are subject to change. Course does not have Waitlist.

21019	Wong, J.	WR	05:21 PM-06:45 PM	FD	08/25-12/15
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Lab section only. Lecture section also required.

Lab days and times are subject to change. Course does not have Waitlist.

Office Tech & Computer Apps

OFF 057 Computer Keyboarding 1 Units

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

20817	James, R.	TR	08:00 AM-09:05 AM	LB 201	10/22-12/15
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	James, R.	TR	09:05 AM-10:10 AM	LB 201	10/22-12/15
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Second Eight Weeks

OFF 101 Introduction to Microsoft Office Applications 3 Units

Strongly recommended: OFF 057.
 Introduction to Windows and Microsoft Office Suite applications. Computer applications include word processing, spreadsheets, database management, presentation graphics, scheduling/time management, and the Internet. 54 hours lecture, 36 hours lab. CSU

20096	James, R.	MW	10:20 AM-11:20 AM	LB 201	08/25-12/15
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	James, R.	MW	11:20 AM-12:50 PM	LB 201	08/25-12/15
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20717	James, R.	TR	10:20 AM-11:20 AM	LB 201	08/25-12/15
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	James, R.	TR	11:20 AM-12:50 PM	LB 201	08/25-12/15
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Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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OFF 120 Excel Spreadsheet 2 Units

An introduction to Excel worksheets and workbooks. Includes formatting, calculating sums, formulas, charts, enhancing the worksheet, and making decisions using the IF function, completing financial functions, data lists, and large workbooks and using templates. 36 lecture hours. CSU
 20099 James, R. MW 08:00 AM-10:10 AM LB 201 10/22-12/15
 Second Eight Weeks

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.
 21337 James, R. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory on-campus orientation Monday, August 27, 2012 at 6:00 p.m. in LB 201.
 Students may be required to take exams on campus.

Philosophy

PHIL 101 Great Religions of the World 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 The historical development, principal ideas and contributions of the world's religions. 54 lecture hours. CSU UC
 20162 Saldana, R. MW 08:20 AM-09:45 AM LB 101 08/25-12/15
 20164 Saldana, R. MW 09:55 AM-11:20 AM LB 101 08/25-12/15
 20169 Saldana, R. TR 08:20 AM-09:45 AM LB 101 08/25-12/15
 21179 Call, J. TR 01:05 PM-02:30 PM LB 105 08/25-12/15

PHIL 106 Introduction to Philosophy 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 The foundations of philosophy in terms of modes of critical thinking, significant philosophical problems, and a representative sampling of primary philosophical writings. 54 lecture hours. CSU UC
 20177 Saldana, R. MW 11:30 AM-12:55 PM LB 101 08/25-12/15
 20172 Call, J. TR 09:55 AM-11:20 AM LB 103 08/25-12/15
 20181 Saldana, R. TR 11:30 AM-12:55 PM LB 101 08/25-12/15
 20189 Call, J. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Mandatory 1-hour orientation on Monday, August 27, 2012, from 5:30 - 6:30 pm in LB 303.
 Students are required to take final exam on campus in Testing Center unless a proctor agreement is arranged in advance.

PHIL 108 Philosophy - Ethics 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A critical analysis of concepts of the good life and of morality as articulated by great philosophers, with the aim of cultivating awareness of the importance of a reasoned approach to such questions in one's own life. 54 lecture hours. CSU UC
 20196 Saldana, R. TR 09:55 AM-11:20 AM LB 101 08/25-12/15
 20205 Amaya, H. W 07:00 PM-10:10 PM LB 301 08/25-12/15

PHIL 110 Philosophy - Logic 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A course introducing fundamental problems and principles of formal and informal logic, featuring proofs of validity, deductive and inductive reasoning, and detection and analysis of fallacies. 54 lecture hours. CSU UC
 20232 Call, J. MW 09:55 AM-11:20 AM LB 301 08/25-12/15
 20229 Call, J. MW 01:05 PM-02:30 PM LB 303 08/25-12/15
 20213 Saldana, R. T 07:00 PM-10:10 PM LB 101 08/25-12/15
 20208 Saldana, R. F 08:10 AM-11:20 AM LB 101 08/25-12/15

Photography

PHTO 101 Basic Photography 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 Fundamental still photography with emphasis on planning a photograph, choice of camera, choice of films and papers, use of natural and artificial light, function of lenses and shutters, and techniques for processing sensitized materials. Also basic computer skills. This course may be taken two times. Material fee. 36 lecture hours, 90 lab hours. CSU UC
 20302 Carr, D. M 08:00 AM-08:50 AM LB 204 08/25-12/15
 Carr, D. W 08:00 AM-09:05 AM LB 204 08/25-12/15
 Carr, D. MW 09:05 AM-11:35 AM LB 204 08/25-12/15
 20329 Carr, D. T 08:00 AM-08:50 AM LB 204 08/25-12/15
 Carr, D. R 08:00 AM-09:05 AM LB 204 08/25-12/15
 Carr, D. TR 09:05 AM-11:35 AM LB 204 08/25-12/15

PHTO 102 Intermediate Photography 3 Units

Prerequisite: PHTO 101.
 Provides emphasis on lighting, control of lighting and subject contrast, advance composition, and photographic print quality. Students will acquire intermediate level digital image processing skills. Material fee. 36 lecture hours, 90 lab hours. CSU UC
 21110 Carr, D. T 01:00 PM-01:50 PM LB 204 08/25-12/15
 Carr, D. R 01:00 PM-02:05 PM LB 204 08/25-12/15
 Carr, D. TR 02:05 PM-04:35 PM LB 204 08/25-12/15

PHTO 215 Digital Photographic Imaging 3 Units

Strongly recommended: PHTO 101 and 205.
 In this practical hands-on introduction, the fundamental technical and aesthetic principles of digital photographic processes are addressed, including instruction on DSLR camera operation, composition, and digital retouching and manipulation. Instruction also includes Adobe Photoshop software acquisition techniques and output technologies. Discussion covers contemporary digital imaging and its application within commercial and fine arts. Assignments demonstrate mastery of technical skills and individual creative expression. Helps if student has own DSLR but not required. This course may be taken four times. Material fee. 36 lecture hours, 90 lab hours.
 20316 Carr, D. M 01:00 PM-01:50 PM LB 204 08/25-12/15
 Carr, D. W 01:00 PM-02:05 PM LB 204 08/25-12/15
 Carr, D. MW 02:05 PM-04:35 PM LB 204 08/25-12/15
 20865 Gamma Babcock, C. T 06:30 PM-07:20 PM LB 204 08/25-12/15
 Gamma Babcock, C. R 06:30 PM-07:35 PM LB 204 08/25-12/15
 Gamma Babcock, C. TR 07:35 PM-10:05 PM LB 204 08/25-12/15

Physics

PHYS 110 Introduction to College Physics 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. Also, MATH 030.
 A general physics course for non-majors that explores fundamental principles of the physical world, including kinematics, Newton's laws of motion, conservation laws, electromagnetism, waves, optics and modern physics. 54 lecture hours, 54 lab hours. CSU UC
 20347 Riderer, L. TR 03:00 PM-04:25 PM PS 107 08/25-12/15
Lecture section only. Lab section CRN 21073 or 21074 also required.
 20713 Riderer, L. TR 05:25 PM-06:50 PM PS 107 08/25-12/15
Lecture section only. Lab section CRN 21075 or 21076 also required.
 21073 Ramos, G. T 11:30 AM-02:40 PM PS 101 08/25-12/15
Lab section only. Lecture section CRN 20347 also required.
 21074 Ramos, G. R 11:30 AM-02:40 PM PS 101 08/25-12/15
Lab section only. Lecture section CRN 20347 also required.
 21075 Ramos, G. T 07:00 PM-10:10 PM PS 101 08/25-12/15
Lab section only. Lecture section CRN 20713 also required.
 21076 Riderer, L. R 07:00 PM-10:10 PM PS 101 08/25-12/15
Lab section only. Lecture section CRN 20713 also required.

Note: Course Dates indicate Beginning and Ending Dates

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

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

20422	Riderer, L.	MW	03:00 PM-04:25 PM	PS 107	08/25-12/15
	Riderer, L.	W	04:40 PM-05:30 PM	PS 125	08/25-12/15
	Riderer, L.	M	11:30 AM-02:40 PM	PS 125	08/25-12/15
21252	Riderer, L.	MW	03:00 PM-04:25 PM	PS 107	08/25-12/15
	Riderer, L.	W	05:35 PM-06:25 PM	PS 125	08/25-12/15
	Riderer, L.	M	05:00 PM-08:10 PM	PS 125	08/25-12/15
21328	Riderer, L.	MW	03:00 PM-04:25 PM	PS 107	08/25-12/15
	Riderer, L.	W	06:30 PM-07:20 PM	PS 125	08/25-12/15
	Riderer, L.	M	08:10 AM-11:20 AM	PS 125	08/25-12/15

PHYS 203 Physics C: Waves, Optics & Modern Physics 5 Units

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

Core topics are waves, optics and modern physics. This course is intended for students majoring in physical sciences and engineering and is part of a three-semester course. 72 lecture hours, 54 lab hours. CSU UC

20451	Ramos, G.	MW	03:00 PM-04:25 PM	PS 113	08/25-12/15
	Ramos, G.	M	04:40 PM-05:30 PM	PS 101	08/25-12/15
	Ramos, G.	W	11:30 AM-02:40 PM	PS 101	08/25-12/15
21251	Ramos, G.	MW	03:00 PM-04:25 PM	PS 113	08/25-12/15
	Ramos, G.	M	05:35 PM-06:25 PM	PS 101	08/25-12/15
	Ramos, G.	W	05:00 PM-08:10 PM	PS 101	08/25-12/15

Political Science

POLI 103 American Government and Politics 3 Units

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

This course deals with the origins and functions of the government of the United States with special emphasis on the background and causes of present problems. It meets the United States Constitution graduation requirement and includes local and state government. 54 lecture hours. CSU UC

20256	Ross, L.	MW	08:20 AM-09:45 AM	LB 103	08/25-12/15
20237	Ross, G.	MW	11:30 AM-12:55 PM	LB 301	08/25-12/15
20262	Ross, G.	MW	03:50 PM-05:15 PM	LB 306	08/25-12/15
20287	Ramos Bernal, N.	TR	08:20 AM-09:45 AM	LB 301	08/25-12/15
20291	Ross, G.	TR	08:20 AM-09:45 AM	LB 310	08/25-12/15
20240	Ross, G.	TR	09:55 AM-11:20 AM	LB 301	08/25-12/15
20259	Ramos Bernal, N.	TR	11:30 AM-12:55 PM	TE 153	08/25-12/15
20235	Milbrandt, D.	T	03:40 PM-06:50 PM	LB 306	08/25-12/15
21220	Christensen, N.	W	07:00 PM-10:10 PM	LB 306	08/25-12/15

20246 Ross, L. HRS-ARRG 08/25-12/15

[DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de](http://www.citruscollege.edu/de)

20300 Milbrandt, D. HRS-ARRG 08/25-10/20

[DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de](http://www.citruscollege.edu/de)

First Eight Weeks

Mandatory 1-hour orientation on Wednesday, August 29, 2012, at 4:00 - 5:00 p.m. in LB 101.

20704 Christensen, N. HRS-ARRG 10/22-12/15

[DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de](http://www.citruscollege.edu/de)

Second Eight Weeks

POLI 103H American Government and Politics - Honors 3 Units

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

This course deals with the origins and functions of the government of the United States with special emphasis on the background and causes of present problems. It meets the United States Constitution graduation requirement and includes local and state government. 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

20984	Ross, L.	MW	09:55 AM-11:20 AM	P3 100	08/25-12/15
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POLI 104 Introduction to Political Science 3 Units

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

20304	Ross, G.	TR	01:05 PM-02:30 PM	LB 310	08/25-12/15
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POLI 105 Comparative Politics 3 Units

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

20824	Ross, G.	MW	09:55 AM-11:20 AM	LB 306	08/25-12/15
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POLI 116 International Relations 3 Units

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

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

20306	Ramos Bernal, N.	TR	01:05 PM-02:30 PM	LB 104	08/25-12/15
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Psychology

PSY 101 Introduction to Psychology 3 Units

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

20274	Guttman, K.	MW	08:20 AM-09:45 AM	HH 754	08/25-12/15
20292	Kim, A.	MW	08:20 AM-09:45 AM	LB 306	08/25-12/15
20275	Guttman, K.	MW	09:55 AM-11:20 AM	HH 754	08/25-12/15
20276	Guttman, K.	MW	11:30 AM-12:55 PM	HH 754	08/25-12/15
20288	Brown, R.	MW	01:05 PM-02:30 PM	LB 302	08/25-12/15
20272	Brown, R.	MW	03:50 PM-05:15 PM	LB 302	08/25-12/15
20321	Ramos, M.	MW	05:25 PM-06:50 PM	TE 153	08/25-12/15
20170	Shannon, J.	TR	08:20 AM-09:45 AM	PS 107	08/25-12/15
20277	Guttman, K.	TR	09:55 AM-11:20 AM	HH 754	08/25-12/15
20278	Guttman, K.	TR	11:30 AM-12:55 PM	HH 754	08/25-12/15
20179	Brown, R.	TR	01:05 PM-02:30 PM	HH 754	08/25-12/15
20317	Shannon, J.	TR	01:05 PM-02:30 PM	PS 107	08/25-12/15
20184	Brown, R.	TR	03:50 PM-05:15 PM	LB 303	08/25-12/15
21451	Ramos, M.	TR	05:25 PM-06:50 PM	LB 104	08/25-12/15
20273	Tate, E.	F	11:30 AM-02:40 PM	LB 306	08/25-12/15
21375	Tate, E.	T	07:00 PM-10:10 PM	LB 301	08/25-12/15
21376	Rizk, S.	R	07:00 PM-10:10 PM	LB 107	08/25-12/15

20356 Kim, A. HRS-ARRG 08/25-12/15

[DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de](http://www.citruscollege.edu/de)

20369 Shannon, J. HRS-ARRG 08/25-12/15

[DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de](http://www.citruscollege.edu/de)

20373 Shannon, J. HRS-ARRG 08/25-10/20

[DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de](http://www.citruscollege.edu/de)

First Eight Weeks

PSY 102 Psychobiology 3 Units

Prerequisite: PSY 101.

Strongly recommended: BIOL 104 or BIOL 105.

Study of the effects of biology upon behavior; the relationship between psychological processes and the nervous system; muscular, and glandular features of the response mechanism; and, the structure and functions of the sense organs. 54 lecture hours. CSU UC

20898	Guttman, K.	TR	08:20 AM-09:45 AM	HH 754	08/25-12/15
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CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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PSY 110 Psychology of Religion I 3 Units

This course explores the connection between psychology and religion. It focuses on how different schools of psychological thought view and interpret religious concepts and experiences. The major psychological perspectives that are studied include: Psychoanalytic theory, Behavioristic and Humanistic theories. The psychological principles embedded in religion will be studied. 54 lecture hours. CSU UC

20428 Skalicky, J. TR 01:05 PM-02:30 PM LB 301 08/25-12/15

PSY 203 Research Methods in Psychology 3 Units

Prerequisite: PSY 101.

Corequisite: MATH 165.

Strongly recommended: ENGL 099 or READ 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. 36 lecture hours, 54 lab hours. CSU UC

21452 Kim, A. F 09:15 AM-11:15 AM IS 110 08/25-12/15
Kim, A. F 11:20 AM-02:30 PM IS 110 08/25-12/15**PSY 205 Developmental Psychology 3 Units**

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

Developmental Psychology is the scientific study of progressive changes in behavior, cognition, and abilities. Attention is paid to issues related to the roles of nature and nurture in developmental processes. 54 lecture hours.

CSU UC

21344 Perry, C. MW 08:20 AM-09:45 AM LB 107 08/25-12/15
20820 Kim, A. MW 11:30 AM-12:55 PM LB 306 08/25-12/15
20421 Kim, A. MW 01:05 PM-02:30 PM LB 306 08/25-12/15
20418 Perry, C. TR 09:55 AM-11:20 AM LB 306 08/25-12/15
21374 Perry, C. TR 11:30 AM-12:55 PM LB 104 08/25-12/15**PSY 206 Child Growth and Development 3 Units**

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

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

20152 Gregg, J. MW 09:55 AM-11:20 AM LB 310 08/25-12/15
20138 Gregg, J. MW 01:05 PM-02:30 PM LB 310 08/25-12/15
20149 Gregg, J. TR 11:30 AM-12:55 PM LB 310 08/25-12/15
20415 Resch, A. M 07:00 PM-10:10 PM LB 302 08/25-12/15**PSY 212 Abnormal Psychology 3 Units**

Prerequisite: PSY 101.

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

20414 Skalicky, J. MW 03:50 PM-05:15 PM LB 301 08/25-12/15

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

Prerequisite: PSY 101.

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

This survey course includes drug classification, drug physiology and psychopharmacology, theories of addiction, history and theories of treatment, dual diagnosis, drug testing and social policy, recovery and rehabilitation, and other related topics. 54 lecture hours. CSU UC

20412 Guttman, K. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**PSY 220 Introduction to Social Psychology 3 Units**

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

21457 Ramos, M. R 07:00 PM-10:10 PM LB 104 08/25-12/15

PSY 225 Psychology of Human Sexuality 3 Units

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

An introductory survey of the psychological bases and dimensions of human sexuality with emphasis on the socio-cultural factors involved in intimate relating, sexuality, and loving. 54 lecture hours. CSU UC

20409 Skalicky, J. MW 01:05 PM-02:30 PM LB 301 08/25-12/15
20902 Skalicky, J. TR 03:50 PM-05:15 PM LB 301 08/25-12/15
20751 Skalicky, J. M 07:00 PM-10:10 PM LB 301 08/25-12/15
20405 Brown, R. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
20703 Brown, R. HRS-ARRG 08/25-10/20
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
First Eight Weeks**Public Works****PUB 150 Public Works I 3 Units**

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

Basic course in street maintenance covering the materials utilized; a review of equipment and techniques used in their applications. Other subjects include street tree programs, street painting and signs programs, street sweeping, weed control, watershed management, and other related subjects. 54 lecture hours.

21192 Alba, R. W 06:30 PM-09:40 PM PC 303 08/25-12/15

PUB 151 Street Construction and Maintenance 3 Units

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

20965 Adawiya, I. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de**PUB 158 Municipal and Urban Tree Care 3 Units**

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

A course in tree care for persons working in public works or private industry: tree anatomy, physiology, pruning, cabling, identification, root structure and its effects on infrastructure, soil management, and irrigation. The course is designed to prepare students to pass the Tree Worker Certification exam given by Western Chapter, International Society of Arboriculture. WCISA contact hours available upon successful completion. 54 lecture hours.

21436 Batista, G. T 06:30 PM-09:40 PM PC 303 08/25-12/15

PUB 164 Plan Interpretation and Cost Estimating 3 Units

Strongly recommended: ENGL 099 or READ 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.

20970 Swartz, T. R 06:30 PM-09:40 PM PC 303 08/25-12/15

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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PUB 166 Supervision in Public Works 3 Units

Strongly recommended: ENGL 099 or READ 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 communications, employee orientation and training, motivating employees, decision making, performance appraisal writing, and disciplinary action. 54 lecture hours.
 21437 Mastro Simone, V. M 06:30 PM-09:40 PM PC 303 08/25-12/15

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A consideration of the sociological and psychological factors which influence present day marriages and relationships. Course includes seminar discussions oriented toward understanding these influences as they relate to the individual. 54 lecture hours. CSU UC
 20339 White, G. MW 11:30 AM-12:55 PM LB 103 08/25-12/15
 20389 Shannon, J. TR 09:55 AM-11:20 AM PS 107 08/25-12/15
 20338 Walz, S. TR 09:55 AM-11:20 AM LB 104 08/25-12/15
 20344 Walz, S. TR 11:30 AM-12:55 PM LB 301 08/25-12/15

Real Estate

REAL 210 Real Estate Principles 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 A basic course for those who plan to enter the real estate field vocationally or who desire a background in the subject. Topics include: economics, history, financing, deeds, leases, and partial preparation for California Real Estate Salesperson License Examination. 54 lecture hours. CSU
 20094 Ghidella, R. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Students may be required to take exams on campus.

SOC 201 Introduction to Sociology 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 An emphasis is placed on the study of the basic structure of human society, the main forces that hold groups together or weaken them, conditions that transform social life, and basic social concepts. 54 lecture hours. CSU UC
 20365 Walz, S. MW 09:55 AM-11:20 AM LB 302 08/25-12/15
LEARNING COMMUNITIES CLASS: Requires enrollment in ENGL 101 CRN 20612.
 20386 Walz, S. MW 11:30 AM-12:55 PM LB 303 08/25-12/15
 20387 White, G. MW 01:05 PM-02:30 PM LB 103 08/25-12/15
 21229 White, G. TR 11:30 AM-12:55 PM LB 103 08/25-12/15
 21379 Lau, B. T 07:00 PM-10:10 PM LB 103 08/25-12/15
 21373 White, G. HRS-ARRG 08/25-10/20
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
First Eight Weeks
 20384 Walz, S. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
 20391 Walz, S. HRS-ARRG 10/22-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
Second Eight Weeks

Recording Technology

REC 100 Survey of Entertainment Technology 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course is an introduction to 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.
 20574 O'Hara, S. TR 09:15 AM-11:20 AM LH 103 08/25-12/15

SOC 201H Introduction to Sociology - Honors 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 Strongly recommended: Member in good standing of the Citrus College Honors Program. Recommendation from an Honors Instructor.
 An emphasis is placed on an in-depth, critical 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. Students are expected to work and participate at an honors level which includes, strong critical thinking skills through analysis of sociological readings, presentation, and leadership skills demonstrated through class participation/presentation, and service learning in the community. 54 lecture hours. CSU UC
 20745 White, G. TR 09:55 AM-11:20 AM P3 100 08/25-12/15

REC 103 Introduction to Audio Engineering 4 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 This course is an introduction to the current technology, terminology and techniques used in audio engineering for recorded music, video and online media. Includes the history of audio, basic audio electronics, microphones, consoles, computer-based production systems and related signal processors. 54 lecture hours, 72 lab hours.
 20791 O'Hara, S. MW 02:35 PM-04:00 PM LH 103 08/25-12/15
 O'Hara, S. TR 11:30 AM-01:35 PM PA 192 08/25-12/15

SOC 202 Contemporary Social Problems 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 Emphasis is placed on American society and social problems. Special attention is given to the causes and effects of social problems. Course content includes research, field observation studies, seminar discussion with special resource professionals. 54 lecture hours. CSU UC
 20395 White, G. HRS-ARRG 08/25-12/15
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

REC 135 Live Sound Reinforcement 4 Units

Corequisite: Successful completion of REC 105 or THEA 120.
 This course focuses on the basic elements of sound reinforcement, acoustics, equalization, microphone placement, and mixing techniques. The major emphasis is on the acoustics, speaker and microphone placement and the effects on the final sonic product. 54 lecture hours, 72 lab hours arranged.
 20974 Deatrick, S. MW 01:25 PM-02:30 PM VT 208 08/25-12/15
 Deatrick, S. F 01:25 PM-02:30 PM RA 111 08/25-12/15
This class is intended for Emerging Theatre Technologies program students only.
+ 72 TOTAL HRS ARR

Spanish

REC 140 Music Theory for Engineers 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.
 An introductory course in music theory for the Recording Technology major. A study of the elements of music including melody, rhythm, chords, musical forms, and related concepts. Music notation, terminology, rehearsal techniques and score reading is emphasized. 54 lecture hours.
 20778 Alverson, D. MW 04:05 PM-05:30 PM PA 193 08/25-12/15

Sociology

SOC 114 Marriage, Family, and Intimate Relations 3 Units

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
SPAN 101 Spanish I						5 Units					
Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.											
A course in elementary Spanish grammar, vocabulary, and pronunciation which focuses on understanding, speaking, reading, and writing (including spelling) simple Spanish and serves as an introduction to the geography, history, and culture of the Spanish-speaking world. 90 lecture hours. CSU UC											
20463	Garate, E.	MTWR	07:00 AM-08:10 AM	LB 108	08/25-12/15	20426	Van Horn, T.	TR	09:55 AM-11:20 AM	ED 205	08/25-12/15
20504	McGarry, A.	MTWR	08:35 AM-09:45 AM	LB 106	08/25-12/15	20436	Anson, M.	TR	09:55 AM-11:20 AM	P1 103	08/25-12/15
20498	Garate, E.	MTWR	11:30 AM-12:40 PM	SS 165	08/25-12/15	20438	Anson, M.	MW	11:30 AM-12:55 PM	P1 103	08/25-12/15
20502	Afzali, A.	MW	10:05 AM-12:35 PM	LB 108	08/25-12/15	20434	Van Horn, T.	MW	11:30 AM-12:55 PM	ED 205	08/25-12/15
20481	Afzali, A.	TR	10:05 AM-12:35 PM	LB 108	08/25-12/15	20443	Anson, M.	TR	11:30 AM-12:55 PM	P1 103	08/25-12/15
20370	Afzali, A.	TR	01:05 PM-03:35 PM	LB 108	08/25-12/15	20691	Van Horn, T.	TR	11:30 AM-12:55 PM	ED 205	08/25-12/15
20342	Afzali, A.	MW	01:05 PM-03:35 PM	LB 108	08/25-12/15	20439	Van Horn, T.	MW	01:05 PM-02:30 PM	ED 205	08/25-12/15
20474	Garcia, V.	MW	06:30 PM-09:00 PM	LB 108	08/25-12/15	20447	Anson, M.	TR	01:05 PM-02:30 PM	P1 103	08/25-12/15
20493	Guillen, N.	TR	06:30 PM-09:00 PM	LB 108	08/25-12/15	20465	Van Horn, T.	T	01:05 PM-02:30 PM	ED 205	08/25-12/15
						Van Horn, T. HRS-ARRG 08/25-12/15					

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

SPAN 102 Spanish II **5 Units**

Prerequisite: Completion of SPAN 101 with min. grade of C or two years of high school Spanish.

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

A further study of elementary Spanish grammar and vocabulary which develops understanding, speaking, reading and writing skills. Includes additional study of the cultural heritage of Spain and Latin America. 90 lecture hours. CSU UC

20335	Garate, E.	MW	01:05 PM-03:35 PM	SS 165	08/25-12/15
20506	Garate, E.	MTWR	08:20 AM-09:30 AM	LB 108	08/25-12/15

SPAN 201 Spanish III **5 Units**

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

This intermediate level course was created with both native Spanish speakers and students studying Spanish as a second language in mind. Current social themes and vocabulary support a comprehensive review of Spanish grammar. The discussion of contemporary cultural topics, the reading of authentic texts, and the development of writing skills are all features of this class that help all intermediate Spanish students to refine and enjoy using their language skills. Class is conducted primarily in Spanish. Note that Spanish 3 and 4 do not need to be taken in order. 90 lecture hours. CSU UC

21355	McGarry, A.	MW	10:05 AM-12:35 PM	LB 106	08/25-12/15
21356	McGarry, A.	TR	10:05 AM-12:35 PM	LB 106	08/25-12/15

Speech

SPCH 100 Interpersonal Communication **3 Units**

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

Introduction to interpersonal communication: verbal and non-verbal face-to-face interactions; understanding messages sent and received; awareness and resolutions of communication barriers. 54 lecture hours. CSU UC

20772	Chavez-Appel, M.	MW	08:20 AM-09:45 AM	TC 127	08/25-12/15
20359	Buckalew, J.	TR	08:20 AM-09:45 AM	IS 109	08/25-12/15
20353	Fincher, J.	MW	11:30 AM-12:55 PM	TC 127	08/25-12/15
20363	Fincher, J.	TR	11:30 AM-12:55 PM	TC 127	08/25-12/15
21354	Deets, K.	F	09:00 AM-12:10 PM	AN 101	08/25-12/15
21177	Tufano, A.	TR	01:05 PM-02:30 PM	TC 127	08/25-12/15
20350	Nelson, M.	MW	03:50 PM-05:15 PM	P1 103	08/25-12/15
20372	Ozminkowski, M.	M	07:00 PM-10:10 PM	AN 102	08/25-12/15
20371	Uhl, S.	T	07:00 PM-10:10 PM	AN 101	08/25-12/15

SPCH 101 Public Address **3 Units**

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

An introductory course in speaking skills, including the selection, preparation, and delivery of speeches for various audiences and situations. The goal will be the achievement of ethical, purposeful, and effective public speaking. 54 lecture hours. CSU UC

21353	Chavez-Appel, M.	F	09:00 AM-12:10 PM	AN 102	08/25-12/15
20427	Van Horn, T.	MW	09:55 AM-11:20 AM	ED 205	08/25-12/15
20431	Anson, M.	MW	09:55 AM-11:20 AM	P1 103	08/25-12/15

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de-see SPCH 101 Course website. MANDATORY ON CAMPUS ORIENTATION on 9/4 at 4:00pm in ED 205. MANDATORY ON-CAMPUS SPEECH PRESENTATION MEETINGS TUESDAYS 4-10 pm (Must attend entire class meeting) on 9/25, 10/23, 11/27. MANDATORY ON-CAMPUS FINAL.

SPCH 103 Argumentation and Debate **3 Units**

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

Basic theories, principles, and methods for various levels and forms of argumentation and debate. Preparation and presentation of practice debates on current issues. 54 lecture hours. CSU UC

20469	Fincher, J.	MW	01:05 PM-02:30 PM	TC 127	08/25-12/15
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SPCH 106 Small Group Communication **3 Units**

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

Principles, techniques, and uses of discussion in contemporary society. Training and practice in informal group discussion, panel discussion, symposium and forum. Emphasis on collaborative decision-making. 54 lecture hours. CSU UC

20472	Anson, M.	MW	01:05 PM-02:30 PM	P1 103	08/25-12/15
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Theatre Arts

THEA 101 Introduction to Theatre Arts **3 Units**

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

Background and foundation for appreciation and evaluation of theatre arts. Course will include a study of dramatic structure, history of the theatre, plays and playwrights, and a study of contemporary theatre production. 54 lecture hours. CSU UC

20975	Volonte, D.	TR	01:05 PM-02:30 PM	VT 208	08/25-12/15
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THEA 120 Introduction to Tech for Theatre, TV and Film **3 Units**

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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. 36 lecture hours, 54 lab hours. CSU UC

20028	Volonte, D.	T	02:40 PM-03:30 PM	PA 193	08/25-12/15
	Volonte, D.	T	03:30 PM-05:00 PM	PA 193	08/25-12/15
	Volonte, D.	R	02:40 PM-03:45 PM	PA 193	08/25-12/15
	Volonte, D.	R	03:45 PM-05:00 PM	PA 193	08/25-12/15

THEA 125 Technical Theatre Production **2 Units**

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

A course in the technical production of stage scenery, lighting, sound, props, costuming or makeup. This course may be taken four times. 18 lecture hours, 90 lab hours arranged. CSU UC

20037	Volonte, D.	T	11:30 AM-12:30 PM	PA 181	08/25-12/15
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+ 90 TOTAL HRS ARR

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
THEA 140 Introduction to Lighting for Theatre, Television and Film 3 Units Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level. A visual survey through field trips, lecture, video and computer of lighting design for theatre, television, film and concerts. 36 lecture hours, 54 lab hours. CSU UC						Strongly recommended: ENGL 099 or READ 099 if required by English placement exam or if required by English level. A basic course in water distribution and treatment covering water quality control practices, water sources, public health aspects of water regulations, supply, water treatment arithmetic, chemical treatment, filtration, corrosion, disinfection, tastes and odors in water, water system operation and maintenance, valves, pipes, pumps, and meters. The material covered in this course will be helpful to those preparing for the D-1 and D-2 Water Distribution Operator's Certificate examinations and the T-1 Water Treatment Operator's Certificate examination given by the State of California. 54 lecture hours.					
20019	Volonte, D.	T	09:55 AM-10:45 AM	VT 215	08/25-12/15	20972	Gramling, G.	M	06:30 PM-09:40 PM	HH 754	08/25-12/15
	Volonte, D.	R	09:55 AM-11:00 AM	VT 215	08/25-12/15						
	Volonte, D.	F	09:20 AM-12:30 PM	VT 208	08/25-12/15						

THEA 201 Acting Fundamentals I 3 Units

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

A beginning level performance class with an introduction to the Stanislavski Method of acting. Provides a foundation in acting through a study of improvisation, vocal technique, historical concepts, and theory through scene and monologue work. This course may be taken four times. 54 lecture hours, 36 lab hours arranged. CSU UC

20012	Brown, C.	MW	09:55 AM-11:20 AM	PA 181	08/25-12/15
+ 36 TOTAL HRS ARRG					
20011	Brown, C.	MW	11:30 AM-12:55 PM	PA 193	08/25-12/15
+ 36 TOTAL HRS ARRG					

THEA 202 Acting Fundamentals II 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. This course may be taken four times. 54 lecture hours, 36 lab hours arranged. CSU UC

20022	Brown, C.	MW	01:05 PM-02:30 PM	PA 181	08/25-12/15
+ 36 TOTAL HRS ARRG					

THEA 210 Rehearsal and Performance 3 Units

Prerequisite: Audition.

Participation in the production of a full-length play for public performance. This course may be taken four times. 18 lecture hours, 108 lab hours arranged. CSU UC

20585	Brown, C.	S	06:00 PM-07:15 PM	PA 181	09/15-12/15
AUDITION REQUIRED: Audition times and sign-up sheet will be posted in early September by the little theatre (PA181) prior to the beginning of this class. This course does not have a waitlist. + 108 TOTAL ARRG HOURS.					

THEA 211 Acting for the Camera 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement 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 voice and movement for the camera; blocking; memorization and audition techniques along with the introduction of quality head shots and resumes. This course may be taken four times. 54 lecture hours, 36 lab hours arranged. CSU UC

20055	Weiss, N.	W	07:00 PM-10:10 PM	PA 193	08/25-12/15
+ 36 TOTAL HRS ARRG					

THEA 220 Rehearsal and Performance II 3 Units

Prerequisite: THEA 210.

Continued and more in-depth participation in the production of full-length play for public performance. This course may be taken four times. 18 lecture hours, 108 lab hours. CSU UC

20586	Brown, C.	S	06:00 PM-07:15 PM	PA 181	09/15-12/15
AUDITION REQUIRED: Audition times and sign-up sheet will be posted in early September by the little theatre (PA181) prior to the beginning of this class. This course does not have a waitlist. + 108 TOTAL ARRG HOURS.					

Water Technology

WATR 150 Introduction to Water Systems 3 Units