

Note: Course Dates indicate Beginning and Ending Dates

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

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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**ESL 046 Grammar Review I 2 Units**

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 036.  
 Strongly recommended: For students enrolled in ESL Level 4 core courses. A course for high-intermediate ESL students seeking to improve their grammatical accuracy in writing and speaking. Intensive review and oral and written practice of syntactic structures such as verb tense, passive voice gerunds and infinitives, and modal verbs.\* One of three core courses in ESL level 4. 36 lecture hours, 9 lab hours arranged.  
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

40149	Cross, C.	MTWR	11:05 AM-12:20 PM	ED 205	06/22-07/30
+ 9 TOTAL HRS ARR					

**ESL 054 Bridge to College Reading 2 Units**

Prerequisite: Placement is based on multiple assessment measures or successful completion of ESL 044.  
 A reading and vocabulary course for advanced ESL students designed to improve their skills in the reading and analysis of academic text. Students will develop reading comprehension and study strategies in preparation for college-level coursework. 36 lecture hours.  
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

40156	Tucker, C.	MTWR	01:30 PM-02:45 PM	ED 201	06/22-07/30
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**ESL 056 Grammar Review II 2 Units**

Prerequisite: ESL 046.  
 Strongly recommended: For students enrolled in ESL level 5 core courses. A course for advanced ESL students seeking to improve their grammatical accuracy in writing and speaking. Further review and practice of complex syntactic structures such as verb forms, tag questions, conditional statements, reported speech, modals and phrasal verbs, and subordinate clauses. 36 lecture hours, 9 lab hours arranged.  
 NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION.

40144	Golden, K.	MTWR	11:05 AM-12:20 PM	AN 102	06/22-07/30
+ 9 TOTAL HRS ARR					

**ESL 100 Fundamentals of Composition 4 Units**

Prerequisite: ESL 040 or placement in ESL level 5 based on multiple assessment measures.  
 This course parallels ENGL 100, preparing high-intermediate and advanced ESL students for college-level writing. It provides a review of English fundamentals and practice in critical thinking, paragraph development and essay writing with an emphasis on exposition. Continued practice in special writing problems common to second language learners. 72 lecture hours, 18 lab hours arranged. UC

40152	Golden, K.	MTWR	08:00 AM-10:50 AM	LB 301	06/22-07/30
+ 18 TOTAL HRS ARR					

**Health Sciences**

**HEAL 100 Emergency Medical Services Career Preparation 3 Units**

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

40680	Hadsell, C.	HRS-ARRG			06/22-08/13
	Hadsell, C.	HRS-ARRG			06/22-08/13
DISTANCE EDUCATION CLASS. After registering go to <a href="http://www.citruscollege.edu/de">www.citruscollege.edu/de</a>					

**HEAL 161 Emergency Medical Technician - Basic 7 Units**

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

40679	Hadsell, C.	MW	08:00 AM-02:30 PM	TC 230	06/22-08/13
	Hadsell, C.	MW	02:35 PM-05:45 PM	TC 230	06/22-08/13

**Heating & Air Conditioning**

**HEAT 184 Electricity for Heating and Air Conditioning 2 Units**

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

40662	Fallat, P.	TWR	06:30 PM-09:30 PM	PC 306	06/22-07/30
Students in this class also take DRAF 101; successful completers have a guaranteed interview with a solar installer.					

**History**

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

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
 The course is a survey of emerging regional cultures and societies from the earliest civilizations to 1500. Consideration will be given to comparative and integrative analysis of their contributions to the fabric of world civilization. Particular focus will be given to cultural evolutionary parallels and the diffusion of ideas through migration and trade on a global scale. College level reading is strongly advised. 54 lecture hours. CSU UC

40150	Lubisch, S.	HRS-ARRG			06/22-07/30
DISTANCE EDUCATION CLASS After registering go to <a href="http://www.citruscollege.edu/de">www.citruscollege.edu/de</a>					
40400	Zeman, W.	TWR	06:00 PM-08:50 PM	LB 303	06/22-07/30

**HIST 104 History of World Civilization since 1500 3 Units**

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
 The course offers a survey of world civilizations from 1500's regional isolation to modern-day globalism and its issues and problems. Consideration will be given to the political, economic, social, and intellectual forces present in the rise of the modern world. Particular focus will be given to the interrelatedness of historical events and on the comparisons of cultures and societies in a historical perspective. College-level reading is strongly advised. 54 lecture hours. CSU UC

40681	Lewis, D.	TWR	01:00 PM-03:50 PM	LB 302	06/22-07/30
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**HIST 107 Political and Social History of the United States 3 Units**

Strongly recommended: ENGL 100.  
 A survey of the political, economic and social development of the United States to 1876. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

40058	Korn, D.	TWR	01:00 PM-03:50 PM	HH 754	06/22-07/30
40095	Lewis, D.	MTWR	08:00 AM-10:05 AM	LB 302	06/22-07/30
40155	Nelson, S.	HRS-ARRG			06/22-07/30
DISTANCE EDUCATION CLASS After registering go to <a href="http://www.citruscollege.edu/de">www.citruscollege.edu/de</a>					
40671	Soremekun, F.	TWR	06:00 PM-08:50 PM	LB 104	06/22-07/30

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**HIST 108 Political and Social History of the United States 3 Units**

Strongly recommended: ENGL 100.  
A survey of political, economic, diplomatic, and social development of the U. S. from 1876 to the present. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

40063	Solheim, B.	MTWR	10:15 AM-12:20 PM	LB 306	06/22-07/30
40672	Soremekun, F.	MTWR	08:00 AM-10:05 AM	LB 104	06/22-07/30
40675	Woolsey, R.	HRS-ARRG			06/22-07/30

**HIST 108H Political and Social History of the United States 3 Units**

Strongly recommended: ENGL 100.  
A survey of political, economic, diplomatic, and social development of the U. S. from 1876 to the present along with a survey of American historiography and the varying interpretations of these developments. This course meets the State requirement for American history and is designed for college transfer students. 54 lecture hours. CSU UC

40313	Waddington, B.	MTWR	10:15 AM-12:20 PM	LB 310	06/22-07/30
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**HIST 139 History of California 3 Units**

Strongly recommended: ENGL 100.  
A survey of the political, social and economic development of the State of California from early Pre-Columbian American Indian communities and Spanish settlements to the present. 54 lecture hours. CSU UC

40163	Waddington, B.	HRS-ARRG			06/22-07/30
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DISTANCE EDUCATION CLASS After registering go to [www.citruscollege.edu/de](http://www.citruscollege.edu/de)

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

Strongly recommended: ENGL 100. Also, READ 099 if required by reading placement exam or if required by reading 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

40168	Solheim, B.	HRS-ARRG			06/22-07/30
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**Humanities**

**HUM 101 Humanities 3 Units**

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
The humanities are approached on four levels: art, music, literature, and philosophy. Includes the beginnings in Egypt, Babylonia, and Greece and proceeds chronologically to the medieval period. 54 lecture hours. CSU UC

40057	Malley, J.	MTWR	10:15 AM-12:20 PM	LB 104	06/22-07/30
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**HUM 102 Humanities 3 Units**

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
The humanistic studies are approached on four levels: art, music, literature, and philosophy. Begins with the Renaissance and moves to the mid 19th century period. 54 lecture hours. CSU UC

40061	Marzec, M.	TWR	06:00 PM-08:50 PM	LB 306	06/22-07/30
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**Math**

**MATH 017 Basic Math and Study Skills 3 Units**

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

40001	Zhuang, Y.	MTWR	10:15 AM-12:20 PM	MA 230	06/22-07/30
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**MATH 020 Arithmetic Fundamentals 3 Units**

Prerequisite: Placement is based on multiple on multiple assessment measures or completion of MATH 017.  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. 54 lecture hours.

40004	Low, J.	MTWR	08:00 AM-10:05 AM	MA 230	06/22-07/30
40007	Gutierrez, J.	MTWR	01:00 PM-03:05 PM	MA 230	06/22-07/30

**MATH 029 Pre-Algebra 3 Units**

Prerequisite: Placement is based on multiple assessment measures or successful completion of MATH 020.  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
This course is designed to prepare a student for Elementary Algebra. Topics include a review of arithmetic, a study of signed numbers, an introduction to fundamental algebraic concepts, solving equations, and solving applied problems. 54 lecture hours, 36 lab hours.

40012	Trad, M.	MTWR	08:00 AM-11:30 AM	MA 109	06/22-07/30
40278	Odrich, S.	MTWR	01:00 PM-04:30 PM	MA 206	06/22-07/30

**MATH 130 Elementary Algebra 4 Units**

Prerequisite: Placement is based on multiple assessment measures or completion of MATH 029 with min. grade of C.  
Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.  
Fundamental operations with polynomials and rational expressions, products and factoring, linear and quadratic equations in one variable, inequalities, exponents, radicals, graphing linear equations, systems of equations, applications and introduction to functions. 90 lecture hours.

40020	Paek, H.	MTWR	01:00 PM-04:30 PM	MA 125	06/22-07/30
40024	Gong, C.	MTWR	08:00 AM-11:30 AM	MA 108	06/22-07/30
40639	Medrano, E.	HRS-ARRG			06/22-08/13

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

**MATH 150 Intermediate Algebra 5 Units**

Prerequisite: MATH 130.  
Real number properties, first degree equations and inequalities, absolute value equations and inequalities, applications, polynomials, the binomial theorem, factoring, rational expressions, exponents, radicals, complex numbers, quadratic equations, applications, formulas, linear equations and inequalities, variation, functions, linear systems, conics, inverse functions, exponential, and logarithmic functions. 90 lecture hours. NOTE: THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 148 or 149. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150.

40028	Odrich, S.	MTWR	06:00 PM-09:30 PM	MA 109	06/22-07/30
40029	Cummins, S.	MTWR	08:00 AM-11:30 AM	MA 223	06/22-07/30
40279	Zhuang, Y.	MTWR	01:00 PM-04:35 PM	MA 207	06/22-07/30

**MATH 151 Plane Trigonometry 4 Units**

Prerequisite: MATH 131 and MATH 149 or MATH 150.  
Functions, the trigonometric functions, their graphs and identities: laws of sines and cosines; solutions of triangles; trigonometric equations; inverse trigonometric functions; polar coordinates; DeMoivre's Theorem; exponential and logarithmic functions. 72 lecture hours. CSU

40031	Everest, R.	MTWR	01:00 PM-04:00 PM	MA 222	06/22-07/30
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**MATH 165 Introductory Statistics 4 Units**

Prerequisite: MATH 149 or MATH 150.  
Introductory course to statistics and probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi square, and applications in diverse disciplines. 72 lecture hours. CSU UC

40033	Swan, A.	MTWR	01:00 PM-04:00 PM	MA 109	06/22-07/30
40034	Swan, A.	MTWR	08:00 AM-11:00 AM	MA 206	06/22-07/30