

Ref Sec Days Time Type/Units Room Instructor

## ALLIED HEALTH

AH 101 Medical Terminology 3.00 Units  
Instruction in the usage, spelling, pronunciation, and meaning of terminology used to describe the human body.

Associate Degree Applicable  
Course credit transfers to CSU

0002 01 TTH 01:30p-04:20p LEC 3.00 CHS-123 Bray,L  
Note: Ref. No. 0002 - 8 week class: 06/01 - 07/23

## AMERICAN SIGN LANGUAGE

ASL 101 American Sign Language I 4.00 Units

Introduction to American Sign Language as used by the deaf community in the United States. NOTE: This course corresponds to the first year of high school American Sign Language.

Associate Degree Applicable  
Course credit limited transfer CSU & UC.  
Contact a counselor for details.  
DEPARTMENTAL RECOMMENDATION: ENGL 015

0004 01 MTWTH 07:30a-10:20a LEC 4.00 BC-104 Pelletier,A  
Note: Ref. No. 0004 - 6 week class: 06/15 - 07/23

## ANATOMY

ANAT 101 Essentials of Human Anatomy and Physiology 4.00 Units

Lecture and laboratory course emphasizing the basic structural, functional, and developmental stages of the human body. Introductory survey of the human body in one semester. Essentials of structure and function in each of the eleven body systems covered.

Associate Degree Applicable  
Course credit transfers to CSU.

0006 01 MTWTH 10:30a-12:45p LEC 4.00 LADM-224 Jonasson,M  
MTWTH 08:00a-10:15a LAB LADM-225 Jonasson,M  
Note: Ref. No. 0006 - 6 week class: 06/15 - 07/23

ANAT 150 Human Anatomy and Physiology I 4.00 Units

This is a lecture and laboratory course emphasizing an advanced understanding of the structural and functional aspects of the human body. This course is the first in a two semester series. The course covers biochemistry, cytology, cellular metabolism, histology, osteology, articulations, myology, and the integumentary, and nervous systems.

Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
CAN (California Articulation Number) BIOL SEQ B

0008 01 MTWTH 03:30p-05:45p LEC 4.00 LADM-224 Jonasson,M  
MTWTH 01:00p-03:15p LAB LADM-225 Jonasson,M  
Note: Ref. No. 0008 - 6 week class: 06/15 - 07/23

Ref Sec Days Time Type/Units Room Instructor

## ART

ART 102 Art History II: Renaissance Art to Modern Art 3.00 Units

Survey of the arts and history in Western Europe from Renaissance to the Twentieth Century. Required of all art majors and open to non-art majors.

Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
CAN (California Articulation Number) ART 4  
CAN (California Articulation Number) ART SEQ A

0010 01 TWTH 10:30a-01:20p LEC 3.00 PAC-308 Tameda,A  
Note: Ref. No. 0010 - 6 week class: 06/15 - 07/23

## BIOLOGY

BIOL 100 General Biology 4.00 Units

Study of the biological principles including those in cellular biology, human anatomy and physiology, animal and plant structure and function, genetics, evolution, and ecology.

Associate Degree Applicable  
Course credit transfers to both CSU and UC.

0012 01 MTWTH 10:30a-12:45p LEC 4.00 CHS-122 Enyinnaya,E  
MTWTH 08:00a-10:15a LAB LADM-211 Enyinnaya,E  
Note: Ref. No. 0012 - 6 week class: 06/15 - 07/23

0014 02 MTWTH 10:30a-12:45p LEC 4.00 CHS-122 Enyinnaya,E  
MTWTH 01:00p-03:15p LAB LADM-211 Enyinnaya,E  
Note: Ref. No. 0014 - 6 week class: 06/15 - 07/23

## CHEMISTRY

CHEM 101 Introduction to Chemistry 4.00 Units

A one-semester course introducing the study of matter and its properties. Topics include atomic structure, bonding, nomenclature, stoichiometry, chemical reactions, periodic table and organic chemistry. Includes a laboratory component that emphasizes concepts discussed in lecture.

Associate Degree Applicable  
Course credit transfers to CSU.  
Limited transfer to UC; contact a counselor for details.  
CAN (California Articulation Number) CHEM 6  
PREREQUISITE: MATH 090 or eligibility for MATH 095 as determined through the Crafton Hills College assessment process

0016 01 MTWTH 08:00a-10:15a LEC 4.00 CHS-242 Kimbrough,P  
MW 10:25a-02:50p LAB CHS-238 Kimbrough,P  
Note: Ref. No. 0016 - 6 week class: 06/15 - 07/23

0018 02 MTWTH 08:00a-10:15a LEC 4.00 CHS-242 Kimbrough,P  
TTH 10:25a-02:50p LAB CHS-238 Kimbrough,P  
Note: Ref. No. 0018 - 6 week class: 06/15 - 07/23

Ref Sec Days Time Type/Units Room Instructor

**CHILD DEVELOPMENT**

CD 105 Child Growth and Development 3.00 Units

Study of human development from conception through adolescence within cultural and family contexts. Examination of cognitive, physical, social and emotional development. Observational study of children.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0020 01 MW 06:00p-08:50p LEC 3.00 BC-106 Abel,S  
Note: Ref. No. 0020 - 8 week class: 06/01 - 07/23**COLLEGE LIFE**

CHC 100 Student Success and the College Experience 3.00 Units

Introduction to the college experience, including academic and career self-assessment and strategies for success.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

0022	40	MTWTH	08:00a-10:15a	LEC	3.00	CL-219	Brown,R
Note: Ref. No. 0022 - 6 week class: 06/15 - 07/23							
This section is linked to ENGL 914-40. This means students enrolling in CHC 100-40 (directly above) must also enroll and remain enrolled in ENGL 914-40.							

**COMPUTER INFORMATION SYSTEMS**

CIS 101 Introduction to Computer and Information Technology 3.00 Units

Introduction to computer and information technology. Includes an overview and the use of computer software including word processing, spreadsheets, presentation applications and databases. No previous computer experience is required.

This course is also offered as BUSAD-230.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

CAN (California Articulation Number) CSCI 2

0024 01 MW 07:30a-10:20a LEC 3.00 LADM-101 Romano,N  
Note: Ref. No. 0024 - 8 week class: 06/01 - 07/23

Ref Sec Days Time Type/Units Room Instructor

**EMERGENCY MEDICAL SERVICES**

EMS 156 Clinical Externship for the Paramedic 2.00 Units

Coordination of advanced paramedic training within the hospital setting. Opportunity to direct and engage in emergency intervention in traumatic and medical emergencies. This portion of the program will be in a clinical setting in San Bernardino or Riverside County. Fulfills the requirements of Title 22 of the Health and Safety Code for paramedic clinical externship.

Associate Degree Applicable

Course credit transfers to CSU.

PREREQUISITES: EMS 150, EMS 151, EMS 152, EMS 153, EMS 154, and EMS 155

0026 21 ARR 16.4 HRS/WK CLINC 2.00 OFFC-CLNC Staff  
Note: Ref. No. 0026 - 10 week class: 06/12 - 08/14  
Note: Ref. No. 0026 will be held at Clinic in Off-Campus Clinic.**ENGLISH****ENGL 914 Basic English Skills 4.00 Units**

Instruction in basic English grammar as a foundation for writing grammatically correct sentences. Also, includes instruction in the principles of writing effective paragraphs and short compositions, including framing topic sentences, developing appropriate support, and using transitions.

Not Applicable to the Associate Degree

PREREQUISITE: READ 925X2 or eligibility for ENGL 914 as determined through the Crafton Hills College assessment process

0028	40	MTWTH	10:30a-01:20p	LEC	4.00	CL-219	Murphy,R
Note: Ref. No. 0028 - 6 week class: 06/15 - 07/23							
This section is linked to CHC 100-40. This means students enrolling in ENGL 914-40 (directly above) must also enroll and remain enrolled in CHC 100-40.							

ENGL 015 Preparation for College Writing 4.00 Units

Study of the essential skills necessary for effective expository writing.

Associate Degree Applicable

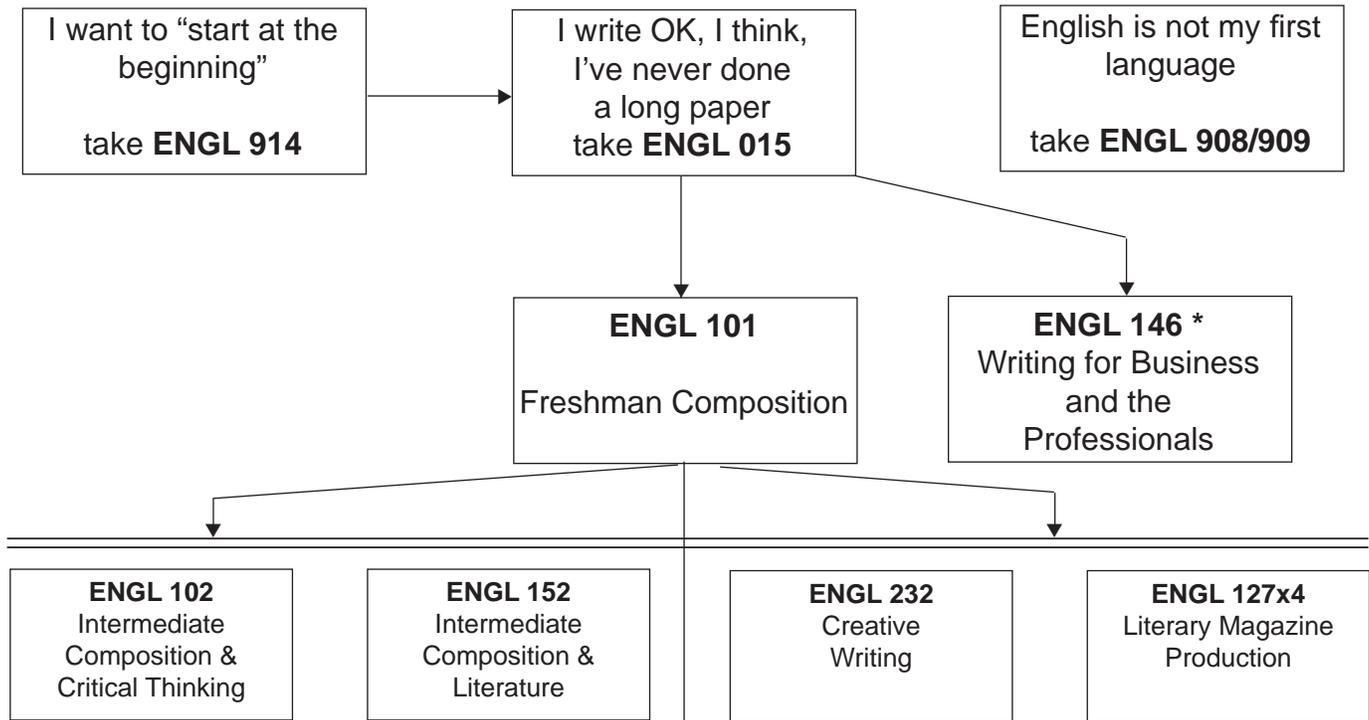
PREREQUISITE: ENGL 914 or eligibility for ENGL 015 as

determined through the Crafton Hills College assessment process

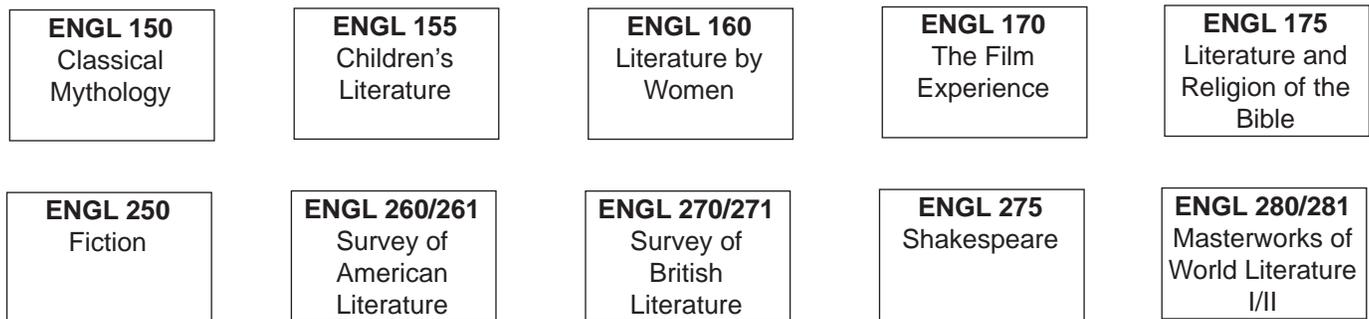
0030 01 MTWTH 07:30a-10:20a LEC 4.00 CL-216 Cowles,R  
Note: Ref. No. 0030 - 6 week class: 06/15 - 07/23  
0032 02 MTWTH 01:30p-04:20p LEC 4.00 CL-217 Race,A  
Note: Ref. No. 0032 - 6 week class: 06/15 - 07/23

Levels and Order of English Classes

The ability to think and reason and communicate using written language is an essential skill. There are several possible starting points for you to enter at the right level. Starting at the right class will let you move from class to class successfully and get to the point you need in the shortest amount of time. A Counselor can show you the skills needed for each class and help you decide.



Literature Classes:



\* Meets associate degree graduation requirement in English but does not fulfill the transfer requirement to CSU OR UC.



**Visit the Writing Center**  
**in the Learning Center**  
**3rd Floor of the Library Building**

Monday - Thursday      9:00 am - 7:00 pm  
 Friday                      9:00 am - 4:00 pm

Ref	Sec	Days	Time	Type/Units	Room	Instructor
ENGL 101	Freshman Composition 4.00 Units					
Instruction in writing compositions from personal, reflective, and argumentative perspectives. Associate Degree Applicable Course credit transfers to both CSU and UC. CAN (California Articulation Number) ENGL 2 CAN (California Articulation Number) ENGL SEQ A PREREQUISITE: ENGL 015 or eligibility for ENGL 101 as determined through the Crafton Hills College assessment process						
0034	01	MTWTH	07:30a-10:20a	LEC 4.00	CL-217	Estus,S
Note: Ref. No. 0034 - 6 week class: 06/15 - 07/23						
0036	02	MTWTH	10:30a-01:20p	LEC 4.00	CL-217	Bartlett,R
Note: Ref. No. 0036 - 6 week class: 06/15 - 07/23						
0038	03	MTWTH	01:30p-04:20p	LEC 4.00	CL-216	Bartlett,R
Note: Ref. No. 0038 - 6 week class: 06/15 - 07/23						
0040	04	MTWTH	06:00p-08:50p	LEC 4.00	BC-105	Race,A
Note: Ref. No. 0040 - 6 week class: 06/15 - 07/23						

ENGL 102	Intermediate Composition and Critical Thinking 4.00 Units					
Instruction in writing compositions reflecting critical thinking and employing rhetorical skills beyond those taught in Freshman Composition (ENGL101), including summary, analysis, evaluation, rebuttal, and argument. Includes instruction in the analysis of argumentative prose, various rhetorical techniques, the principles of inductive and deductive reasoning, and the informal fallacies. Requires substantial analytical reading and writing. Associate Degree Applicable Course credit transfers to both CSU and UC. PREREQUISITE: ENGL 101						
0042	01	MTWTH	10:30a-01:20p	LEC 4.00	CL-216	Estus,S
Note: Ref. No. 0042 - 6 week class: 06/15 - 07/23						

## FIRE TECHNOLOGY

FIRET 100	Fire Protection Organization 3.00 Units					
Provides an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. This course is a prerequisite for the Firefighter I Basic Training Academy. Associate Degree Applicable Course credit transfers to CSU. DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and MATH 090 or MATH 090C as determined through the Crafton Hills College assessment process						
0044	01	TWTH	07:30a-10:10a	LEC 3.00	OE2-214A	Sullivan,D
Note: Ref. No. 0044 - 6 week class: 06/15 - 07/23						

Ref	Sec	Days	Time	Type/Units	Room	Instructor
FIRET 101	Fire Prevention Technology 3.00 Units					
This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education. This is a prerequisite course for the Fire Academy. Associate Degree Applicable Course credit transfers to CSU. DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 and MATH 090 or MATH 090C or higher						
0046	01	TWTH	01:30p-04:10p	LEC 3.00	OE2-214A	Estrada,C
Note: Ref. No. 0046 - 6 week class: 06/15 - 07/23						

## HEALTH EDUCATION

HEALTH 102	Biological Principles of Health 3.00 Units					
Examines the nature and scope of healthful living, including the principles of health resources, trends in disease prevalence, infectious and non-infectious diseases and the risk factors associated with them (smoking, substance abuse, improper diet and inactivity). Associate Degree Applicable Course credit transfers to both CSU and UC.						
0048	01	MW	11:00a-03:30p	LEC 3.00	CHS-242	Ledoux,J
Note: Ref. No. 0048 - 6 week class: 06/15 - 07/23						
0050	02	TTH	1 1:00a-03:30p	LEC 3.00	CHS-242	Ledoux,J
Note: Ref. No. 0050 - 6 week class: 06/15 - 07/23						

HEALTH 263	Nutrition and Health 3.00 Units					
Review of the literature on the basic nutrients: Protein, fat, carbohydrate, vitamins, minerals and water, development of the skills necessary to analyze, evaluate, and prescribe a dietary intake for healthy individuals. The relationship between lifestyle factors and disease in America is also examined, along with an in-depth analysis of emotional stress. This course is also offered as PE-263. Associate Degree Applicable Course credit transfers to both CSU and UC. DEPARTMENTAL RECOMMENDATION: MATH 952 or Math 953X2 or eligibility for MATH 090 as determined through the Crafton Hills College assessment process						
0052	01	MTWTH	08:00a-10:15a	LEC 3.00	LADM-121	Ledoux,J
Note: Ref. No. 0052 - 6 week class: 06/15 - 07/23						

Ref Sec Days Time Type/Units Room Instructor

## HISTORY

HIST 100 History of the United States to 1877  
3.00 Units

Survey of American history from the pre-Columbian period to the end of the Reconstruction Era in 1877.

Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
CAN (California Articulation Number) HIST 8  
CAN (California Articulation Number) HIST SEQ B  
DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 as determined through the Crafton Hills College assessment process; Reading: Pass a standardized test of reading comprehension at or above the 12th grade level

0054 01 TWTH 07:30a-10:20a LEC 3.00 BC-101 Perez,M  
Note: Ref. No. 0054 - 6 week class: 06/15 - 07/23

HIST 101 History of the United States 1865 to Present  
3.00 Units

Survey of American history from 1865 to the post-industrial, consumer society of the early 21st century.

Associate Degree Applicable  
Course credit transfers to both CSU and UC.  
CAN (California Articulation Number) HIST 10  
CAN (California Articulation Number) HIST SEQ B  
DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101 as determined through the Crafton Hills College assessment process; Reading: Pass a standardized test of reading comprehension at or above the 12th grade level

0056 01 TWTH 10:30a-01:20p LEC 3.00 BC-101 Perez,M  
Note: Ref. No. 0056 - 6 week class: 06/15 - 07/23

## MATHEMATICS

MATH 952 Prealgebra 4.00 Units

This course prepares students for elementary algebra, MATH 090, providing a transition from arithmetic to algebra, covering operations with signed numbers, solving simple single variable linear equations, combining like terms, ratios, proportions, percents and their applications, perimeter, area, and volume of common geometric figures. Fractions and decimals are reviewed throughout the course.

Not Applicable to the Associate Degree  
PREREQUISITE: MATH 942 or MATH 943X2 or equivalent as determined through the Crafton Hills College assessment process

0058 01 MTWTH 07:30a-10:27a LEC 4.00 LR-348 Leon,R  
Note: Ref. No. 0058 - 6 week class: 06/15 - 07/23

Ref Sec Days Time Type/Units Room Instructor

MATH 090 Elementary Algebra 4.00 Units  
Manipulation of algebraic expressions including ones with integer exponents and factoring, solving increasingly difficult equations and their applications, graphing lines and drawing conclusions from the graph. Introduction of rational expressions. Students are expected to be proficient with the arithmetic of positive and negative numbers including fractions upon entering MATH 090.

This course is also offered as MATH-090C.  
Associate Degree Applicable  
PREREQUISITE: MATH 952 or MATH 953X2 or eligibility for MATH 090 as determined through the Crafton Hills College assessment process

0060 01 MTWTH 07:30a-10:27a LEC 4.00 CHS-237 Ramirez,R  
Note: Ref. No. 0060 - 6 week class: 06/15 - 07/23

0062 02 MTWTH 06:00p-09:00p LEC 4.00 BC-104 McLoughlin,P  
Note: Ref. No. 0062 - 6 week class: 06/15 - 07/23

MATH 095 Intermediate Algebra 4.00 Units

Study of rational exponents and radicals; quadratic, absolute value, rational and radical equations; complex numbers; absolute value inequalities; operations with functions; introduction to exponential and logarithmic functions; graphs of the basic functions and their translations.

This course is also offered as MATH-095C.  
Associate Degree Applicable  
PREREQUISITE: MATH 090 or Math 090C or eligibility for MATH 095 as determined through the Crafton Hills College assessment process

0064 01 MTWTH 07:30a-10:27a LEC 4.00 BC-105 Ramirez,S  
Note: Ref. No. 0064 - 6 week class: 06/15 - 07/23

0066 02 MTWTH 10:30a-01:27p LEC 4.00 BC-106 Gibson,K  
Note: Ref. No. 0066 - 6 week class: 06/15 - 07/23

0068 03 MTWTH 06:00p-09:00p LEC 4.00 BC-101 Burke,J  
Note: Ref. No. 0068 - 6 week class: 06/15 - 07/23

MATH 095C Intermediate Algebra Part C  
1.50 Units

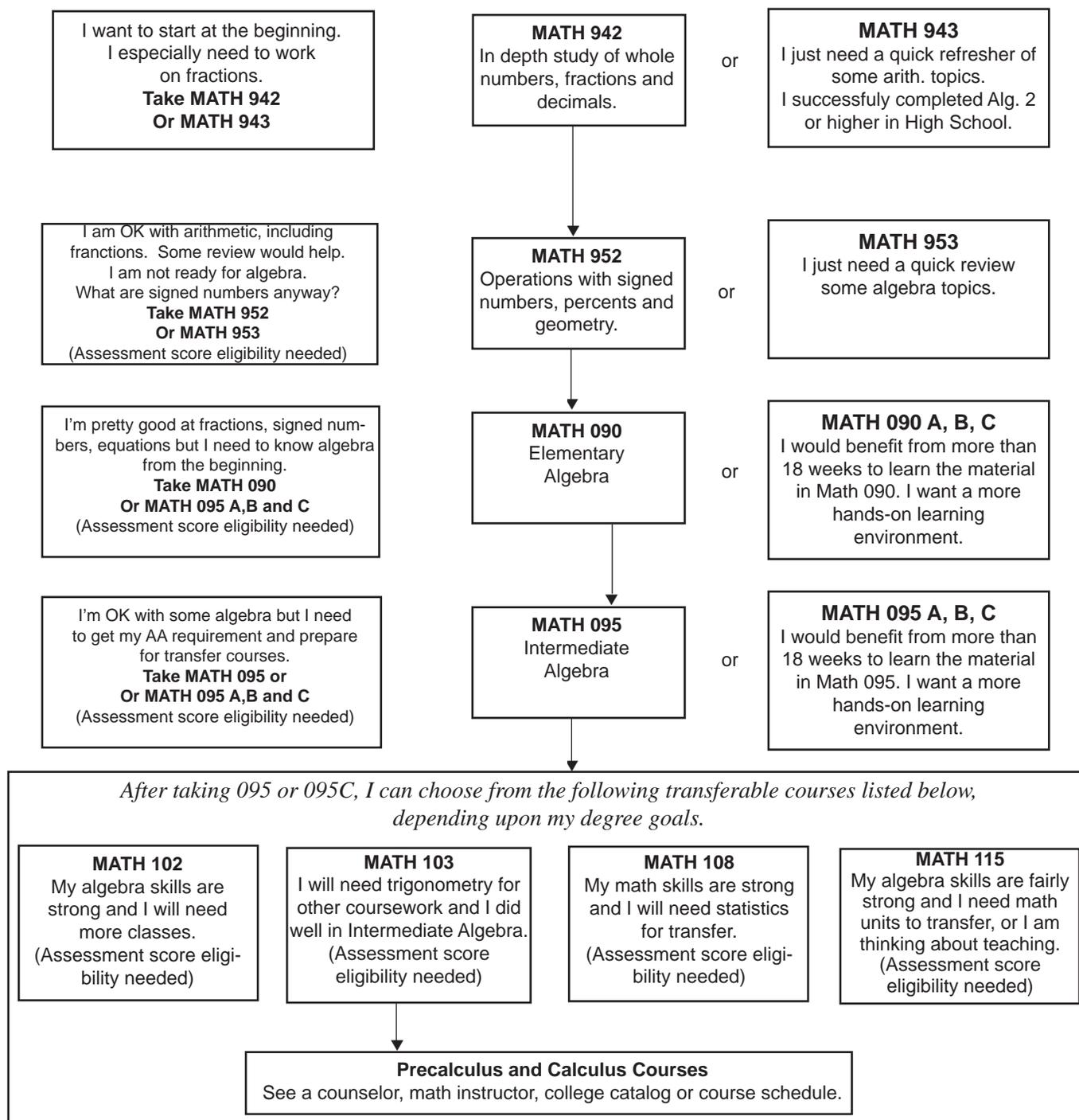
Study of operations with functions; distance and midpoint; introduction to exponential and logarithmic functions; graphs of the basic functions and their translations. MATH 095ABC is the equivalent to MATH 095. Credit cannot be granted for both MATH 095C and MATH 095. All three parts, MATH 095ABC are needed to meet the AA degree requirement.

This course is also offered as MATH-095.  
Associate Degree Applicable  
PREREQUISITE: MATH 095B

0070 01 MTWTH 10:30a-11:10a LEC 1.50 LR-348 Sidhum,Y  
MTWTH 11:15a-12:20p LAB LR-348 Sidhum,Y  
Note: Ref. No. 0070 - 6 week class: 06/15 - 07/23

## Levels and Order of Mathematics Classes

The ability to think and reason using mathematical concepts is an essential skill. There are several starting points for you to enter at the right level. Starting at the right class will let you move successfully from class to class and to get to the point you need in the shortest amount of time. Start with the assessment test in the Counseling Center. Based on your eligibility determined on the assessment, choose the statement that best describes you, meet with a counselor to discuss the path and to be sure all prerequisites are cleared and follow that path. A counselor can also show you a sheet with the skills needed for each class and help you interpret the assessment scores. They also have a more detailed sheet explaining the differences between MATH 102, 108 and 115.



**Visit the Learning Center, 3rd Floor of the Library • Free tutoring for all Math Classes**  
7:30 am to 10 pm, Monday - Thursday -AND- 7:30 am to 4 pm, Friday

Ref	Sec	Days	Time	Type/Units	Room	Instructor
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**MATH 102** College Algebra 4.00 Units  
 Study of logarithms, sequences, series, mathematical induction, the Binomial Theorem, graphing conic sections, inverse functions, operations with radicals, systems of quadratic equations, and solving systems of three or more linear equations in three or more variables by matrices, and determinants; introduction to graphing rational functions, and the theory of equations.

Associate Degree Applicable  
 Course credit transfers to CSU.  
 Limited transfer to UC; contact a counselor for details.  
 CAN (California Articulation Number) MATH 10  
 PREREQUISITE: MATH 095 or eligibility for MATH 102 as determined through the Crafton Hills College assessment process

0072	01	MTWTH	10:30a-01:27p	LEC 4.00	CHS-237	Greene,R
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Note: Ref. No. 0072 - 6 week class: 06/15 - 07/23

**MATH 108** Statistics 4.00 Units  
 Introduction to probability, descriptive and inferential statistics, with application to the natural sciences, business, economics, and behavioral sciences.

This course is also offered as PSYCH-108.  
 Associate Degree Applicable  
 Course credit transfers to both CSU and UC.  
 CAN (California Articulation Number) STAT 2  
 PREREQUISITE: MATH 095 or MATH 095C or eligibility for MATH 108 as determined through the Crafton Hills College assessment process  
 DEPARTMENTAL RECOMMENDATION: MATH 117

0074	01	MTWTH	07:30a-10:27a	LEC 4.00	CL-218	Pfahler,D
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Note: Ref. No. 0074 - 6 week class: 06/15 - 07/23

## MICROBIOLOGY

**MICRO 150** Medical Microbiology 5.00 Units  
 Study of microbiology, emphasizing the biology of microorganisms including bacteria, fungi, protozoans, helminths, and viruses. Introduces fundamental principles of medical microbiology including microbial cultivation, metabolism, genetics, growth, and control. Principles of epidemiology, disease transmission and a survey of communicable diseases are also included.

Associate Degree Applicable  
 Course credit transfers to CSU.  
 Limited transfer to UC; contact a counselor for details.  
 CAN (California Articulation Number) BIOL 14  
 PREREQUISITE: CHEM 101

0076	01	MTWTH	10:30a-12:45p	LEC 5.00	LADM-304	Casale,W
		MTWTH	08:00a-10:15a	LAB	LADM-201	Casale,W
		MTWTH	01:00p-03:15p	LAB	LADM-201	Casale,W

Note: Ref. No. 0076 - 6 week class: 06/15 - 07/23  
 Both laboratory meeting times are required of all students enrolled in Micro 150.

Ref	Sec	Days	Time	Type/Units	Room	Instructor
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## MUSIC

**MUSIC 103** Appreciation of American Popular Music 3.00 Units

Study of American popular music.  
 Associate Degree Applicable  
 Course credit transfers to both CSU and UC.

0078	70	ARR	HRS/WK	LEC 3.00		McConnell,M
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Note: Ref. No. 0078 - 6 week class: 06/15 - 07/23  
 This class is an online course with no on-campus meetings.  
 Participation in this online class requires that students have access to a computer that is connected to the Internet and has a CD-ROM drive and speakers or headphones. For complete information refer to the online page in this schedule.

## OCEANOGRAPHY

**OCEAN 101** Elements of Oceanography 3.00 Units

Study of the basic principles of oceanography, including geology, physics, chemistry, and biology of the oceans. Topics include the structure of the earth and sea floor, the physics and chemistry of the ocean, atmospheric wind and ocean circulation, waves, currents, tides, marine plants and animals, ecological concepts, and environmental concerns. Tools of oceanographic inquiry include maps, remote sensing, Geographic Information Systems, Global Positional Systems, and field trips.

Associate Degree Applicable  
 Course credit transfers to CSU.  
 Limited transfer to UC; contact a counselor for details.

0080	01	MTWTH	01:00p-03:15p	LEC 3.00	LADM-121	Hughes,R
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Note: Ref. No. 0080 - 6 week class: 06/15 - 07/23

## PHILOSOPHY

**PHIL 103** Introduction to Logic: Argument and Evidence 3.00 Units

Introduction to the techniques of critical thought, including language analysis, inductive and deductive logic, symbolic logic and the development of the scientific method.

Associate Degree Applicable  
 Course credit transfers to both CSU and UC.  
 CAN (California Articulation Number) PHIL 6  
 DEPARTMENTAL RECOMMENDATIONS: ENGL 101; Reading: Pass a standardized test of reading comprehension at or above the 12th grade level

0082	01	MTWTH	01:30p-03:45p	LEC 3.00	LADM-304	Linfield,L
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Note: Ref. No. 0082 - 6 week class: 06/15 - 07/23

Ref	Sec	Days	Time	Type/Units	Room	Instructor
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## PHYSICAL ED

PE 263 Nutrition and Health 3.00 Units

Review of the literature on the basic nutrients: Protein, fat, carbohydrate, vitamins, minerals, and water, development of the skills necessary to analyze, evaluate, and prescribe a dietary intake for healthy individuals. The relationship between lifestyle factors and disease in America is also examined, along with an in-depth analysis of emotional stress.

This course is also offered as HEALTH-263.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

DEPARTMENTAL RECOMMENDATION: MATH 952 or MATH 953X2 or eligibility for MATH 090 as determined through the Crafton Hills College assessment process

0084	01	MTWTH	08:00a-10:15a	LEC 3.00	LADM-121	Ledoux,J
Note: Ref. No. 0084 - 6 week class: 06/15 - 07/23						

## PHYSICS

PHYSIC 100 Introduction to Physics 4.00 Units

Introduction to the ideas, concepts, and theories of physics including mechanics, waves, heat, electromagnetism, and atomic and nuclear structure. This course does not require students to have extensive knowledge of mathematics.

Associate Degree Applicable

Course credit transfers to CSU.

Limited transfer to UC; contact a counselor for details.

0086	01	MTWTH	10:30a-12:45p	LEC 4.00	LADM-121	Adams,M
		MTWTH	08:00a-10:15a	LAB	LADM-115	Adams,M
Note: Ref. No. 0086 - 6 week class: 06/15 - 07/23						
0088	02	MTWTH	10:30a-12:45p	LEC 4.00	LADM-121	Adams,M
		MTWTH	01:00p-03:15p	LAB	LADM-115	Hughes,B
Note: Ref. No. 0088 - 6 week class: 06/15 - 07/23						

## PSYCHOLOGY

PSYCH 100 General Psychology 3.00 Units

Survey of the nature and scope of psychology including the topics of neurophysiology, sensation, perception, learning, memory, cognition, intelligence, language, emotion, motivation, personality, psychopathology, treatment and social psychology.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

CAN (California Articulation Number) PSY 2

DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101;

MATH 090; Reading: Pass a standardized test of reading comprehension at or above the 12th grade level

0090	01	TWTH	10:30a-01:20p	LEC 3.00	CL-218	Staff
Note: Ref. No. 0090 - 6 week class: 06/15 - 07/23						

Ref	Sec	Days	Time	Type/Units	Room	Instructor
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PSYCH 108 Statistics 4.00 Units  
Introduction to probability, descriptive and inferential statistics, with application to the natural sciences, business, economics, and behavioral sciences.

This course is also offered as MATH-108.

Associate Degree Applicable

Course credit transfers to both CSU and UC.

PREREQUISITE: MATH 095 or eligibility for MATH 108 as determined through the Crafton Hills College assessment process

DEPARTMENTAL RECOMMENDATION: PSYCH 117

0092	01	MTWTH	07:30a-10:27a	LEC 4.00	CL-218	Pfahler,D
Note: Ref. No. 0092 - 6 week class: 06/15 - 07/23						

## RESPIRATORY CARE

RESP 050 Introduction to Respiratory Care 2.00 Units

Introduction and orientation to the field of respiratory care.

Associate Degree Applicable

0094	01	TTH	08:00a-09:50a	LEC 2.00	CHS-123	Franklin,B
Note: Ref. No. 0094 - 8 week class: 06/01 - 07/23						

RESP 051X4 Cardiopulmonary Resuscitation: Basic Life Support Healthcare Provider 1.00 Unit

Instruction in basic life support.

Associate Degree Applicable

Note: RESP 051X4 may be taken 4 times

COREQUISITE: Acceptance into Respiratory Care Program

0096	01	M	08:00a-11:50a	LEC 1.00	CHS-123	Franklin,B
		M	01:00p-04:50p	LEC	CHS-123	Franklin,B
		TWTH	08:00a-11:50a	LAB	CHS-123	Bell,R
					CHS-127	Bryson,K
						Franklin,B
		TWTH	01:00p-04:50p	LAB	CHS-123	Bell,R
					CHS-127	Bryson,K
						Franklin,B

Note: Ref. No. 0096 - 1 week class: 08/10 - 08/13

RESP 209AX2 Clinical Refresher: Advanced Clinical Application I 2.50 Units

Continued clinical application of advanced-level skills learned in the laboratory and theory classes.

Graded on Credit/No Credit basis only.

Associate Degree Applicable

PREREQUISITE: RESP 204

0098	01	ARR	2 HRS/WK	LEC 2.50	OFFH-HOSP	Bell,R
		ARR	14 HRS/WK	CLINC	OFFH-HOSP	Bell,R

Note: Ref. No. 0098 - 9 week class: 06/01 - 07/30

Note: Ref. No. 0098 will be held at Area Hospitals in Off-Campus Hospital.

Ref	Sec	Days	Time	Type/Units	Room	Instructor
RESP 230				Advanced Theory of Respiratory Care I 2.25 Units		
<p>Advanced assessment, diagnosis, and treatment of diseases and conditions as they relate to the practice of respiratory care.                      This course is also offered as RESP-201.                      Associate Degree Applicable                      PREREQUISITE: Acceptance into Respiratory Care Program                      COREQUISITE: RESP 231, RESP 232, RESP 233</p>						
0100	01	TTH	08:00a-09:50a	LEC 2.25	CHS-127	Lockridge,H
<p>Note: Ref. No. 0100 - 9 week class: 06/01 - 07/30</p>						

Ref	Sec	Days	Time	Type/Units	Room	Instructor
RESP 231				Advanced Respiratory Care Skills Laboratory I 3.00 Units		
<p>Advanced assessment, diagnosis, and treatment of diseases and conditions as they relate to the practice of respiratory care in the simulated patient-care environment.                      This course is also offered as RESP-202.                      Associate Degree Applicable                      PREREQUISITE: Acceptance into Respiratory Care Program                      COREQUISITE: RESP 230, RESP 232, RESP 233</p>						
0102	01	W	08:00a-11:50a	LEC 3.00	CHS-127	Staff
		W	01:00p-04:50p	LAB	CHS-127	Staff
<p>Note: Ref. No. 0102 - 9 week class: 06/01 - 07/30</p>						

Ref	Sec	Days	Time	Type/Units	Room	Instructor
RESP 232				Physiologic Basis of Respiratory Disease I 2.50 Units		
<p>Applied cardiopulmonary, renal, and neuropathophysiology related to the diagnosis and treatment of diseases the therapist will encounter in the clinical setting.                      This course is also offered as RESP-203.                      Associate Degree Applicable                      PREREQUISITE: Acceptance into Respiratory Care Program                      COREQUISITE: RESP 230, RESP 231, RESP 233</p>						
0104	01	TTH	10:00a-12:15p	LEC 2.50	CHS-127	Brainard,C
<p>Note: Ref. No. 0104 - 9 week class: 06/01 - 07/30</p>						

Ref	Sec	Days	Time	Type/Units	Room	Instructor
RESP 233				Advanced Respiratory Clinical Application I 3.00 Units		
<p>Clinical application of advanced-level skills learned in the laboratory and theory classes.                      This course is also offered as RESP-204.                      Associate Degree Applicable                      PREREQUISITE: Acceptance into Respiratory Care Program                      COREQUISITE: RESP 230, RESP 231, RESP 232</p>						
0106	01	ARR	2 HRS/WK	LEC 3.00	OFFC-CLNC	Bell,R
		ARR	14 HRS/WK	CLINC	OFFC-CLNC	Bell,R
<p>Note: Ref. No. 0106 - 9 week class: 06/01 - 07/30                      Note: Ref. No. 0106 will be held at Clinic in Off-Campus Clinic.</p>						

## SOCIOLOGY

Ref	Sec	Days	Time	Type/Units	Room	Instructor
SOC 100				Introduction to Sociology 3.00 Units		
<p>Survey of concepts and theories of society and culture, social organizations, social stratifications, social change and social policy.                      Associate Degree Applicable                      Course credit transfers to both CSU and UC.                      CAN (California Articulation Number) SOC 2                      DEPARTMENTAL RECOMMENDATIONS: Eligibility for ENGL 101; MATH 095 or MATH 095C</p>						
0108	01	TWTH	07:30a-10:20a	LEC 3.00	CHS-122	Shelby,P
<p>Note: Ref. No. 0108 - 6 week class: 06/15 - 07/23</p>						

## SPANISH

Ref	Sec	Days	Time	Type/Units	Room	Instructor
SPAN 101				College Spanish I 5.00 Units		
<p>Introductory course beginning the development of the student's listening, speaking, reading and writing skills in Spanish. NOTE: This course corresponds to the first year of high school Spanish.                      Associate Degree Applicable                      Course credit limited transfer CSU &amp; UC.                      Contact a counselor for details.                      CAN (California Articulation Number) SPAN 2                      CAN (California Articulation Number) SPAN SEQ A</p>						
0110	01	MTWTH	08:00a-11:45a	LEC 5.00	PAC-309	Lin Shull,C
<p>Note: Ref. No. 0110 - 6 week class: 06/15 - 07/23</p>						

## SPEECH COMMUNICATION

Ref	Sec	Days	Time	Type/Units	Room	Instructor
SPEECH 100				Elements of Public Speaking 3.00 Units		
<p>Introductory study and training in public communication.                      Associate Degree Applicable                      Course credit transfers to both CSU and UC.                      CAN (California Articulation Number) SPCH 4                      DEPARTMENTAL RECOMMENDATION: Eligibility for ENGL 101 or concurrent enrollment in ENGL 015</p>						
0112	01	TWTH	07:30a-10:20a	LEC 3.00	BC-106	Hogrefe,R
<p>Note: Ref. No. 0112 - 6 week class: 06/15 - 07/23</p>						
0114	02	TTH	06:00p-08:50p	LEC 3.00	BC-106	O'Shaughnessy,V
<p>Note: Ref. No. 0114 - 8 week class: 06/01 - 07/23</p>						