Addendum

2025-2026

Catalog

CREDIT COURSES

ANTHR 115
Medical Anthropology: Medicine, Healthcare, and Healing
3.0 Units
ANTHR 115 examines how anthropologists study health, illness, and healing across cultures using theoretical frameworks and ethnographic case studies. Students explore the cultural construction of health and disease, medical pluralism, social determinants of health, patient and healthcare-provider interaction, and comparative healthcare systems. Students examine how people experience and respond to illness, the various healing systems (biomedical, traditional, and alternative), and global health issues such as pandemics. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. **Transfer Credit:** UC, CSU.

ARMEN 101
Beginning Armenian I
ARMEN 101 introduces students to the Armenian language, including the alphabet, its letters and their sounds, and the fundamentals of Armenian grammar. Students acquire a practical vocabulary, learn proper pronunciation, and to understand, read, write, and speak simple Armenian. Basic knowledge of the Armenian culture is presented. **Note**: This course may not be taken for credit by students who have completed ARMEN 115, 116, or 117. Students with oral proficiency or who have attended schools where Armenian was the language of instruction should enroll in ARMEN 115. **Prerequisite:** None.

ARMEN 102
Beginning Armenian I
ARMEN 102 continues students' development of fundamental language skills, including comprehension, reading, listening, and more advanced writing skills. Students acquire a practical vocabulary for speaking everyday Armenian, and read simple culturally significant texts in poetry and prose. **Note**: This course may not be taken for credit by students who have completed ARMEN115, 116, or 117.

ART 166
Figure Painting
ART 166 is an intermediate studio art course that focuses on painting the human figure from life. Students combine their knowledge of life drawing and painting to complete a series of figure paintings. Class time includes material demonstrations of techniques in painting, lectures focused on classical and contemporary approaches to the human body, and studio practice from live models. This course also emphasizes color mixing as it relates to figuration and addresses advanced topics in composition and aesthetics. **Note**: A material/lab fee may be required for this course.

ART 193
Raku
ART 193 is an introductory course in ceramics dealing exclusively with the Raku firing process. Projects are drawn from a variety of forming methods that may include coil, slab, pinch, and wheel and are fired by the Japanese Raku process. Students may prepare Raku clays and glazes to use in the execution of their projects. **Note**: A material/lab fee may be required for this course.

ARTH 48
Art History International Field Studies
1.0 to 3.0 Units
ARTH 48 provides college credit for travel and study in foreign countries at the student's own expense in programs provided by agencies approved in advance by the College and under the direction of a Glendale Community College instructor.: This course may be taken 4 times; a maximum of 12 units may be earned. Each repetition must be in a different country and/or area of the world. Lecture 1-3 hours. **Corequisite:** Concurrent registration in 6 or more units or equivalent.

BIOL 115
Human Biology
BIOL 115 is an introductory course covering biological principles as they apply to the human body. The central theme is the structure and function of the human organism. Students study the scientific method and the characteristics of life, homeostasis and the human internal environment, basic body directional terminology, and the organization and functions of the human body including cells, tissues, the major body systems, heredity and aging, and selected major human conditions and diseases. A weekly laboratory allows students the opportunity to gain practical experience in the techniques necessary to study the health sciences. **Note**: A material/lab fee may be required for this course. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent.

BIOL 120
Human Anatomy
BIOL 120 covers the systems of the human body, focusing on both microscopic and gross anatomy. Students learn about the integumentary, skeletal, muscular, nervous, circulatory, respiratory, lymphatic and immune, digestive, urinary, male and female reproductive, and endocrine systems. Students will also learn about the effects of disease and aging on these systems. During laboratory sessions, students will study tissues under the microscope, examining bones of the human skeleton, and using models to illustrate each body system. Dissections of a sheep brain, cow heart, and cow eye are performed to highlight comparative anatomy, and students observe a human cadaver. This course is primarily intended for students majoring in nursing, kinesiology, and other health-related fields. **Note**: A material/lab fee may be required for this course. **Recommended preparation:** BIOL 115 (strongly recommended for students with a limited background in the biological sciences) and ENGL C1000, ENGL C1000E, or ENGL C1000H.

BIOL 121
Human Physiology (*previously Introduction to Physiology*)
BIOL 121 covers the functions, homeostasis, and integration of the organ systems of the human body. Students learn about the organ systems studied including integumentary, nervous, sensory, bone, muscle, endocrine, blood, lymphatic, and immune, cardiovascular, respiratory, urinary, digestive, and reproductive systems. Laboratory activities provide students the opportunity to use scientific methods to predict experimental outcomes, acquire data, analyze it and draw conclusions, and apply concepts learned in both lecture and the laboratory to clinical pathophysiological scenarios. This course is primarily intended for Nursing, Kinesiology, and other health related majors. **Note**: A material/lab fee may be required for this course. **Prerequisite:** BIOL 120 and one of the following: CHEM 101, CHEM 110, or CHEM 120. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H.

BIOL 122
Introduction to Biology
BIOL 122 is a survey course in biological sciences designed to meet the laboratory science or life science requirement for most general education programs. Students learn about scientific methods, molecular and cellular organization and function, genetics, and plant/animal anatomy and physiology. Students also study evolution, a survey of biodiversity, ecology, and the impact of humans on the environment. **Note**: A material/lab fee may be required for this course. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent.

BIOL 123
Evolution
BIOL 123 examines the history of life on earth and the mechanisms that have led to the diversity we see today. Students study a brief history of evolutionary thought, adaptive vs. neutral evolution (natural selection and genetic drift), biogeography, the origin of life, population genetics and speciation, an exploration of the fossil record and modern systematics, and recent work in the fields of sexual selection, behavior, development, and human evolution. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent.

BIOL 123H
Honors Evolution
BIOL 123H examines the history of life on earth and the mechanisms that have led to the diversity we see today. Students study a brief history of evolutionary thought, adaptive vs. neutral evolution (natural selection and genetic drift), biogeography, the origin of life, population genetics and speciation, an exploration of the fossil record and modern systematics, and recent work in the fields of sexual selection, behavior, development, and human evolution. The Honors course will be enhanced in one or more of the following ways: students will complete a research paper and/or presentation on a topic in evolutionary biology not covered in lecture, and/or essay questions on exams based on supplemental readings. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent.

BIOL 131
Regional Natural History
BIOL 131 offers individual and group investigation of the biological environment and the impact of human activities upon it. Students examine the inter-relationship between living organisms and their habitats by special projects. Library research, a scientific paper, and/or an oral presentation may be a part of the course. In field studies, students will investigate a variety of world localities. When taught in Baja California, Mexico, the field portion of the course is based at the Glendale College Field Station in Bahia de los Angeles. **Note**: A material/lab fee may be required for this course. **Recommended preparation:** A biology or ecology course in high school or college and ENGL C1000, ENGL C1000E, or ENGL C1000H.

CABOT 101
Business Office Procedures
CABOT 101 introduces students to general office procedures, including choosing office supplies; processing mail; using postal services; telephone and email techniques; handling travel arrangements; preparing office documents; banking procedures; processing payroll, insurance, and tax records; and job preparation. **Recommended Preparation:** STV 31, STV 33, or CABOT 205 and CABOT 102 or ESL 141.

CABOT 102
English for Business
CABOT 102 helps students develop proficiency in grammar, punctuation, and sentence structure for effective written communication in a business environment. **Recommended Preparation:** ESL 133 and 136.

CABOT 103
Business Vocabulary Development
CABOT 103 helps students develop skills in the proper use of English vocabulary for business communications, including both general and specialized terms relevant to various business professions. **Recommended Preparation:** ESL 141.

CABOT 104
Filing Methods and Systems
CABOT 104 introduces students to the principles and procedures for establishing and using various traditional and electronic filing systems. This includes practice in alphabetic, numeric, geographic, and subject filing methods and covers principles and procedures for storage and retrieval, retention, and transfer and disposal of records. **Recommended Preparation:** CABOT 102 or ESL 141.

CABOT 105
Introduction to Office Correspondence
CABOT 105 teaches students to create effective documents in appropriate styles and formats. These documents include business letters, memos, e-mail messages, telephone messages, and other written communications typically generated by an employee in an entry-level position. Students also prepare short original essays responding to rhetorical works in the fields of business and economics. **Prerequisite:** CABOT 102.

CAM 101 

Geometric Dimensioning and Tolerancing

3.0 Units

CAM 101 is an introductory course in the interpretation and application of geometric dimensioning and tolerancing concepts using the latest revision of the American Society of Mechanical Engineers (ASME) Standard Y14.5. This course is designed for students interested in working in the fields of Computer Aided Drafting (CAD), machining, manufacturing, and quality control. This course includes a hands-on inspection lab component for part features and tolerance verification. Lecture 1.5 hours/Laboratory 4.5 hours. **Prerequisite:** ENGR 102 or equivalent. Course Typically Offered: Fall/Spring. **Transfer Credit**: CSU.

CHEM 101

General Chemistry A

CHEM 101 explores foundational concepts of the composition and behavior of matter. Topics include physical and chemical properties, chemical reactions, stoichiometry, atomic structure, quantum theory, chemical bonding, and the characteristics of solids, liquids, and gases. Emphasis is placed on developing a conceptual framework for understanding matter at the molecular level. This course serves as the first semester of a two-part sequence in general chemistry. **Note**: A material/lab fee may be required for this course. **Prerequisite:** (1) CHEM 110, OR (2) 1-year of laboratory based high school chemistry ("C" or better) and a satisfactory Chemistry Placement Exam score AND placement or completion of a course taught at or above the level of intermediate algebra.

CHIN 101

Beginning Chinese I

CHIN 101 teaches students the fundamentals of Chinese grammar within a cultural context. Students learn to pronounce Chinese (Mandarin) correctly, to acquire a small working vocabulary which they use in conversation and phonetic transcription, and to read and write approximately 150 Chinese characters. **Note**: This course is not intended for students with oral proficiency or who have attended schools where Mandarin Chinese was the language of instruction. **Prerequisite:** None.

CHIN 102

Beginning Chinese II

CHIN 102 continues students' development in the fundamentals of Chinese grammar within a cultural context. Students learn to pronounce Chinese (Mandarin) correctly, to build their conversational and written vocabulary, and to read and write approximately 150 more Chinese characters.

CS/IS 137

C++ and Advanced Topics

CS/IS 137 prepares students for C++ programming in the workplace and other real-world environments. Students learn advanced object-oriented programming concepts and other advanced concepts such as templates and generics, files and streams, and operator overloading. Students also choose advanced projects.

CS/IS 151

Python Programming

CS/IS 151 is a course in programming computers in the Python language for students interested in programming, graphics, and Graphical User Interface (GUI) programming in business, machine learning, and game applications. Students are introduced to the basics of the Python language and review computer science concepts such as data types, decision structures, loops, functions, and object-oriented programming. Lecture 2 hours/Laboratory 3 hours. **Prerequisite:** None.

CS/IS 165

Computer Architecture and Assembly Language

Prerequisite: CS/IS 135 or equivalent.

CS/IS 265
Web Development Project I: Construction (*previously Web Development Project II: Construction*)
CS/IS 265 provides students with the opportunity to execute the plans they created in CS/IS 260 using industry-standard software to build and test the website. File management and version control techniques are evaluated. **Note**: CS/IS 265 & 266 is a two-course sequence that must be taken sequentially as CS/IS 266 builds on the work of CS/IS 265. **Prerequisite:** CS/IS 260 or equivalent.

CS/IS 266
Web Development Project II: Maintenance (*previously Web Development Project III: Maintenance*)
CS/IS 266 provides students with the opportunity to focus on the skills needed to maintain a complex website. Techniques for site rejuvenation and visitor log evaluation software are also covered. **Note**: CS/IS 265 & 266 is a two-course sequence that must be taken sequentially as CS/IS 266 builds on the work of CS/IS 265.

CS/IS 271
Machine Learning Fundamentals
4.0 Units
CSIS 271 provides a comprehensive introduction to the core principles and methodologies of machine learning, with a focus on predictive modeling through logistic and linear regression. Students study the theory and practice of these fundamental algorithms, exploring their underlying assumptions, wide-ranging applications, and potential limitations. Beyond theoretical knowledge, students will gain hands-on experience with the end-to-end process of developing and deploying machine learning models. Lecture 4 hours. **Prerequisite:** STAT C1000, STAT C1000E, STAT C1000H, or MATH 137. **Transfer Credit:** CSU, UC.

CS/IS 280
Concepts Of Programming Languages
Prerequisite: CS/IS 135 or equivalent.

DANCE 103
Hip-Hop Dance History
3.0 Units
DANCE 103 introduces students to the dance styles of East and West Coast Hip-Hop culture. The course explores the evolution of Hip-Hop culture by investigating the cultural and historical impact of the 1960s uprisings and public protests and the development of pride and cultural expression from the 1970s to the present. The influence of hip-hop music, graffiti art, and B-boy/B-girl style is discussed. Students evaluate the development of street dance forms from a geographic, social, political, philosophical, religious, and ethnographical evaluation of urban cultures. Lecture 3 hours. **Prerequisite:** None. Course Typically Offered: Fall/Spring. **Transfer Status:** CSU, UC.

ECT 50
Electronics and Computer Technology Internship
ECT 50 is a discipline-specific course which allows students to earn from 1-3 units for structured, supervised work on-campus or off-campus in the field of electronics under the supervision of a faculty advisor. Students participate in hands-on, discipline-linked work experience that extends their knowledge and understanding of career demands in electronics. **Note**: This course is Pass/No Pass only. **Note**: This course may be taken four times; a maximum of 12 units may be earned. Students must arrange an approved internship prior to enrolling in this class. Course Typically Offered: Fall/Spring/Summer. **Recommended Preparation:** ESL 141.

ECT 100
Analytical Electronics
ECT 100 is a comprehensive study in the mathematics specifically used in the electronics and computer technology field. Topics include the application of DC circuit analysis, AC fundamentals, simultaneous equations, AC circuit analysis statistics of numerical data. Students prepare for the Photovoltaic Installer Examination for certification by the Electronics Technician Association (ETA) International. **Recommended Preparation:** ESL 141.

ECT 110
Electricity and Electronics Principles
ECT 110 presents the principles and application of electricity and electronics. Students will learn about essential laboratory equipment, various electronics components, and designing and troubleshooting electronic circuits. This course provides students with the knowledge and skills to prepare for a career and/or advanced education in this field. **Recommended Preparation:** ECT 100 and ESL 141. Transfer Credit: CSU.

ECT 113
Printed Circuit Boards and Soldering Technology
ECT 113 is a comprehensive course providing functional training in the concepts of high-reliability soldering, solder extraction, and electronics component removal/replacement, including terminal inter-connections using wire-wrap techniques. Students learn rework, repair, and specialized high-technology industrial equipment. This course also encompasses rework, repair, and modification of electronic printed circuit boards. Additionally, automated industrial wave solder processes are studied. **Recommended Preparation:** ESL 141.

ECT 160
Inspection and Codes For Electricians
ECT 160 introduces students to the National Electrical Code (NEC) using national, state, and local codes. The course teaches the duties of the electrical inspector with emphasis on code enforcement, inspection procedures, plan reading, electrical symbols, and terminology. Methods of performing electrical inspections and interpreting electrical systems are based on the current electrical codes and standards. Upon completion, students will understand safety, asbestos abatement awareness, anchoring and supporting for earthquake mitigation, quality artistry, efficient and well-designed electrical systems, and retrofitting. Course Typically Offered: Fall/Spring.

ECT 161
Residential Electronics Systems Integrator (RESI) Training
ECT 161 introduces students to the Residential Electronics Systems Integrator (RESI). Topics include the design of prewiring for home theater and telecommunications equipment interconnection, network installation, and wiring for cable television, satellite and antenna outlets, telephone equipment outlets, audio and video entertainment, and computer equipment. Course Typically Offered: Fall/Spring/Summer.

ECT 162
Introduction to Solar Principles
ECT 162 introduces students to key aspects of solar power, the basics of solar energy, and the concepts behind installing and troubleshooting solar panels. The course prepares students to pass the Photovoltaic Installer examination and to become certified by Electronics Technician Association (ETA) International, so that they can enter the job market as solar technicians in sales, installation, or repair. **Recommended Preparation:** ECT 110 or equivalent.

ECT 163
Energy Management
ECT 163 covers key aspects of energy management and prepares students to enter the job market as energy managers and energy professionals. Students study the concepts of greenhouse gas emissions management and energy savings. Students are also prepared for passing the Certified Energy Management (CEM) examination and becoming certified by the Association of Energy Engineers (AEE).

ECT 167
Contractors License Law
Recommended Preparation: ECT 100, ECT 160, and ENGL C1000, ENGL C1000E, or ENGL C1000H.

ECT 201
Solid State Devices
ECT 201 explores solid-state semiconductor theory, through the use of semiconductor electronics such as diode rectifiers, filtered power supplies, transistor and amplifiers, oscillators, and thyristor devices. Students construct solid-state circuits and perform circuit analysis and diagnostics of electronic parameters using state-of-the-art digital electronic test equipment. Course Typically Offered: Fall/Spring. **Prerequisite:** ECT 110 or equivalent (ECT 110 may be taken concurrently).

ECT 210
Programmable Logic Controllers (PLC)
ECT 210 explores Programmable Logic Controller (PLC) operations, including PLC installation and programming techniques. Students learn to use programming interface in order to troubleshoot applications in industry. Students also practice practical programming and operating skills used in the maintenance of automated systems. Course Typically Offered: Fall/Spring. **Prerequisite:** ECT 110 or equivalent.

EMS 246
Diverse Patient Populations
Prerequisite: EMS 240, EMS 242, EMS 244, and EMS 252. **Corequisite:** EMS 248 and 250.

EMS 248
Cardiology
Prerequisite: EMS 240, EMS 242, EMS 244, and EMS 252. **Corequisite:** EMS 246 and EMS 250.

EMS 250
Trauma Emergencies
Prerequisite: EMS 240, EMS 242, EMS 244, and EMS 252. **Corequisite:** EMS 246 and EMS 248.

ENGR 122
Engineering Graphics
ENGR 122 presents the fundamental principles of graphical communication and drawing in the engineering design process using two professional computer aided design (CAD) packages. Students develop visualization and spatial acuity skills in practical applications of descriptive geometry through 2-D and 3-D CAD modeling. Topics include orthographic projection, glass box theory, auxiliary views, sectioning, dimensioning, and geometric dimensioning and tolerancing (GD&T). **Prerequisite:** MATH 110 or MATH 101E. Course Typically Offered: Fall/Spring.

E**NGR 140**
Materials Science and Engineering
ENGR 140 examines the internal structures of materials and their subsequent behaviors used in engineering applications, including metals, ceramics, polymers, composites and semiconductors. Students learn how to select appropriate materials to meet engineering design criteria and to understand the effects of heat, mechanical stress, imperfections, and chemical environments on material properties and performance.

ENGR 141
Materials Science and Engineering Laboratory
ENGR 141 introduces the different types of materials used in engineering design, examining the relationships between properties and structures. Students use experimental equipment and laboratory report writing activities to directly observe and analyze the characteristics of engineering materials that relate to the lecture course ENGR 140 (Materials Science and Engineering). Course Typically Offered: Fall.

ENGR 180
Surveying
ENGR 180 covers the theory, principles, and practice of plane surveying and includes office computations and design, operation of surveying field equipment, and production of engineering plans and maps. Topics include measurement of distances, angles, and directions, differential leveling, traversing, property and boundary surveys. Students learn topographic surveying and mapping, volume and earthwork calculations, horizontal and vertical curves, land description techniques and global positioning system (GPS). Students may transfer this course to a university civil engineering program or apply it toward a technical career as a land surveyor. **Prerequisite:** MATH 101E or MATH 102+, or equivalent. Course Typically Offered: Spring.

ENGL 107
History of the English Language
3.0 Units
ENGL 107 explores the history of the English language from the time of its formation through its evolution to the present day. Students examine how social and historical events have impacted the various spoken and written Englishes throughout history, globally and in the United States. Using historic- and sociolinguistics, students examine English—a living, changing language—as a means of communication and connection. **Note**: This course may not be taken for credit by students who have successfully completed LING 107. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

ENGL 110
Introduction to World Literature from 1700 to the Present Time
Recommended Preparation: ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent.

ESL 101
College Reading and Composition for Multilingual Writers
4.0 Units
ESL 101 introduces students to college-level reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Students learn to position their ideas in relation to the ideas of others by developing skills in argumentation, source integration, analysis of evidence, information competency, and citation according to academic conventions. Intended for multilingual learners, this course includes exposure to culturally diverse reading materials and multiple genres of writing with specific language support to meet the needs of non-native speakers of English. Lecture 4 hours. **Prerequisite:** Placement is based on ESL Self-Placement Survey or completion of ESL 151. Course Typically Offered: Fall/Winter/Spring /Summer. **Transfer Credit:** CSU, UC. (C-ID ENGL 100)

ESL 127
***Lower-Intermediate Spelling for Non-Native Speakers**
ESL 127 enhances the spelling proficiency of non-native speakers for academic purposes at a lower-intermediate level. Students learn basic spelling patterns connected to vowel and consonant sounds in the English language and apply this knowledge to spell high frequency words. **Prerequisite:** Placement is based on ESL Self-Placement Survey or completion of ESL 111 and ESL 116. **Recommended Preparation:** ESL 123, ESL 125, and ESL 126.

ESL 137
***** Intermediate Spelling for Non-Native Speakers**
ESL 137 increases the spelling proficiency of non-native speakers at the intermediate level. Students learn the relationship between pronunciation, word structure, and spelling while expanding their vocabulary using 500 words commonly used in English from the Academic Word List. **Prerequisite:** Placement is based on ESL Self-Placement Survey or completion of ESL 123 and ESL 126. **Recommended Corequisite:** Concurrent enrollment in ESL 133, ESL 135, and ESL 136.

ESL 155

Oral Communication for Multilingual Speakers (*previously Listening and Speaking V*)

ESL 155 is designed to help advanced non-native English speakers to effectively speak publicly in English. Students are introduced to communication theories and various public speaking and listening comprehension strategies. The course focuses on cross-cultural communication, vocabulary, challenges for non-native English speakers, idioms, and pronunciation in a variety of public speaking environments. Students strengthen their speaking skills by analyzing their accent and non-verbal behavior, practicing in groups, and making informative and persuasive presentations. Speaking topics focus on local and global awareness, social justice and socio-cultural identities. Course Typically Offered: Fall/Winter/Spring/Summer. **Transfer Credit:** CSU/UC.

ESL 159

Editing and Proofreading

ESL 159 provides students with practice in editing and proofreading thesis-based essays and other academic writing, in addition to techniques to improve their syntax and grammar. Students learn increasingly complex mechanical (punctuation) and grammatical structures. Course Typically Offered: Fall/Spring.

ETH S 103

Black Womanist & Feminist Thought

3.0 Units

ETH S 103 explores the rich and complex history, theories, social struggles, and activism of Black womanist and feminist thought. Students employ the critical lens of Black womanism and feminism to analyze the intersections of race, gender, and class and their impact and imposition on the lives of Black women and marginalized communities. This course explores foundational literature, key figures, and contemporary issues within Black womanist and feminist thought, fostering a deep understanding of its importance in addressing past and present social, political, and cultural inequalities. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall. **Transfer Credit:** CSU, UC.

ETH S 121

Ethnic and Racial Minorities

ETH S 121 surveys the major ethnic and racial minorities in the United States to provide students with a better understanding of the socio-economic, cultural, and political practices and institutions that support or challenge racism, racial, and ethnic inequalities. The course also studies historical and contemporary patterns of interaction between intersectional identities of the four core ethnic populations of Asian Americans, Chicanx/Latinx, African Americans, and Native/Indigenous Americans within the United States. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring.

ETH S 132

The African American Experience in the United States

ETH S 132 provides an interdisciplinary survey of African American culture and heritage from the 1600s to the present. Students analyze the economic, political, social, artistic, and intellectual elements of the African American community. Students explore concepts such as specialization, the intersection of class and gender, white supremacy, and liberation while paying particular attention to the significant impact that African Americans have had on American culture as a whole. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent.

FIRE 170

Fire Technology In-Service Update: 27 Hours

0.5 Unit

FIRE 170 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 1.5 hours. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 171 

Fire Technology In-Service Update: 54 Hours

1.0 Units

FIRE 171 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 1 hour. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 172 

Fire Technology In-Service Update: 81 Hour

1.5 Units

FIRE 172 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 4.5 hours. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 173 

Fire Technology In-Service Update: 108 Hours

2.0 Units

FIRE 173 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 6 hours. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 174 

Fire Technology In-Service Update: 135 Hours

2.5 Units

FIRE 174 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 7.5 hours. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 175 

Fire Technology In-Service Update: 162 Hours

3.0 Units

FIRE 175 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 9 hours. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 176 

Fire Technology In-Service Update: 189 Hours

3.5 Units

FIRE 176 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 10.5 hours. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 177 

Fire Technology In-Service Update: 216 Hours

4.0 Units

FIRE 177 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 12 hours. **Recommended Preparation:** FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 178 

Fire Technology In-Service Update: 243 Hours

4.5 Units

FIRE 178 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 13.5 hours. **Recommended Preparation**: FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FIRE 179 

Fire Technology In-Service Update: 270 Hours

5.0 Units

FIRE 179 provides students with updated information in the fields of fire apparatus, specialized emergency operations, current department policies and procedures, and fire suppression and investigation. **Note**: This course is Pass/No-Pass only. Laboratory 15 hours. **Recommended Preparation**: FIRE 119 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

FTVM 46

Field Studies in Film, Television and Media Arts Production

2.0 to 4.0 Units

FTVM 46 provides students with hands-on experience in Film, TV and Media Arts production in the field. Students will travel and study in the United States or foreign countries at their own expense. Each course offering will concentrate on a specific target area or theme, chosen for its cultural or social significance. Each student will create an individual project or participate as a member of a production team that relates to each site or theme, under the direction of a Glendale Community College FTVM instructor. **Note**: This course may be taken 4 times; a maximum of 12 units may be earned. Each repetition must be in a different area of the United States/region, different international target area, or have a different theme. **Note**: This course is pass/no pass only. **Note**: A material/lab fee may be required for this course. Lecture 1 hour/Laboratory 3-9 hours. Course Typically Offered: Summer (Every Other Year).

HIST 100 

Facts, Evidence, and Explanation

3.0 Units

HIST 100 explores research methods and critical analysis historians use to "do history." Students develop historical thinking skills through written assignments such as primary source response papers, review essays, and bibliographies. The research component of this course enhances students' information competency, critical thinking, and communication skills by using resources like online databases, applets, and archives. Lecture 3 hours. **Recommended Preparation**: ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

HIST 117

United States History, 1550-1877

HIST 117 is a survey of the political, cultural, social, and economic development of the United States from the pre-Colonial period through Reconstruction. Students consider how race, class, and gender have impacted the American experience in early United States history by examining topics such as colonization, slavery, the American Revolution, Native Americans, reform movements, industrialization, the Civil War, and Reconstruction. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

HIST 117H 

Honors United States History, 1550-1877

3.0 Units

HIST 117H is a survey of the political, cultural, social, and economic development of the United States from the pre-Colonial period through Reconstruction. Students consider how race, class, and gender have impacted the American experience in early United States history by examining topics such as colonization, slavery, the American Revolution, Native Americans, reform movements, industrialization, the Civil War, and Reconstruction. The Honors course may be enhanced in one or more of the following ways: 1. enriched reading opportunities, including conceptual and scholarly sources, 2. enriched critical thinking opportunities such as oral presentations of research, experiential learning, metacognitive reflection, and service learning. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer. **Transfer Credit:** CSU, UC.

HUMAN 106

Culture and Power (*previously Cultures and Meaning*)

HUMAN 106 is an interdisciplinary course that examines the complex relationship between culture and power. Students read, think, discuss and write critically about the concept of modernity, as interpreted from different cultural perspectives. By comparing literary and scholarly texts, students address several intersectional topics including identity formation, the politics of representation, technologies, translations, social transformations, and globalization. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring.

HUMAN 110

Science, Literature, and Human Insight

HUMAN 110 is an interdisciplinary course that explores the relationships among literature, science, and technology. Students read, think, discuss, and write critically about human values, beliefs, and insights as they relate to scientific achievements, considering both the benefits and limitations of technology throughout history. From ancient myths to the future of AI, students grapple with questions of ethics, consciousness, and what it means to be human. This course may be team taught. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Spring.

HUMAN 125
Crosscurrents: American Social Values
HUMAN 125 is an interdisciplinary course that explores the cultural influences of ethnic, racial and gender diversity in the shaping of American society, past and present. Students explore the development and current reality of commonly held American ideals, attitudes and institutions and their role in the unique balance between freedom and responsibility. Using materials from literature, history, and other disciplines, students read, think, discuss, and write critically about American society and speculate critically on its future. This course may be team taught. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

ITAL 102
Beginning Italian II
ITAL 102 is a continuation of Italian 101 and completes the elementary grammar. Students read simplified texts, practice speaking, and explore the cultural heritage and civilization of Italy through analysis and appreciation of level-appropriate Italian literary works.

ITAL 104
Intermediate Italian II
ITAL 104 completes the review of the fundamentals of Italian grammar. Students increase communicative skills through the study of Italian-speaking cultures and literary readings.

LING 104
Phonetics and Phonology
3.0 Units
LING 104 provides a foundation of the science of the sounds used in human speech (phonetics) and how they form meaningful units of speech (phonology). Students explore the features of the sounds represented in the International Phonetic Alphabet (IPA) and the linguistic principals that guide how those sounds come together in human speech. Students use these principles of phonology to analyze various languages. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer. **Transfer Credit:** CSU, UC.

LING 105
Introduction to World Languages
3.0 Units
LING 105 explores the methods used to classify the diversity of world languages into families and types. The course introduces students to tools used for the genetic, typological, and sociolinguistic classification of languages. Students examine historical and structural similarities and differences among languages worldwide. Other topics addressed are language contact, creation, endangerment, and revival; macro-families; and a discussion of current issues. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer. **Transfer Credit:** CSU, UC.

LING 107
History of the English Language
3.0 Units
LING 107 explores the history of the English language from the time of its formation through its evolution to the present day. Students examine how social and historical events have impacted the various spoken and written Englishes throughout history, globally and in the United States. Using historic- and sociolinguistics, students examine English—a living, changing language—as a means of communication and connection. **Note**: This course may not be taken for credit by students who have successfully completed ENGL 107. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring. Transfer Credit: CSU, UC.

MATH 102+
Trigonometry with Support
MATH 102+ is a course in plane trigonometry with a built-in support lab component. The course emphasizes the analytic aspects of the subject. Topics include trigonometric functions of any angle, trigonometric identities, half-angles, trigonometric equations, applications of trigonometric functions, functions, complex numbers, and polar and parametric equations. The support lab topics include plane geometry, solving algebraic equations, simplifying algebraic expressions, coordinate plane, graphing techniques and basics of Trigonometry. Prerequisite: Placement is based on academic background or satisfactory completion of Intermediate Algebra or the equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

MATH 103E
Calculus and Analytic Geometry I
Prerequisite: Placement is based on academic background or successful completion of MATH 110 or MATH 101E. Course Typically Offered: Fall/Winter/Spring/Summer.

MATH 103E+
Calculus and Analytic Geometry I with Support
Prerequisite: Placement is based on academic background or successful completion of MATH 110 or MATH 101E. Course Typically Offered: Fall/Winter/Spring/Summer.

MATH 103EH
Honors Calculus and Analytic Geometry I
Prerequisite: Placement is based on academic background or successful completion of MATH 110 or MATH 101E. Course Typically Offered: Fall/Winter/Spring/Summer.

MATH 107
Linear Algebra
MATH 107 introduces vector spaces, linear transformations and matrices, matrix algebra, determinants, eigenvalues and eigenvectors, and solutions of systems of equations. Students explore solution techniques that include row operations, Gaussian elimination and matrix algebra. Students will also learn specific topics in vector spaces and matrix theory that include inner products, norms, orthogonality, eigenvalues, eigenspaces, linear transformations and applications. **Prerequisite:** MATH 104E, or 104EH. **Recommended Preparation:** MATH 105. Course Typically Offered: Fall/ Winter/Spring/Summer.

MATH 107H
Honors Linear Algebra
MATH 107H introduces vector spaces, linear transformations and matrices, matrix algebra, determinants, eigenvalues and eigenvectors, and solutions of systems of equations. Students explore solution techniques that include row operations, Gaussian elimination and matrix algebra. Students will also learn specific topics in vector spaces and matrix theory that include inner products, norms, orthogonality, eigenvalues, eigenspaces, linear transformations and applications. The honors section of this course features more theory and proof, and one or more projects related to the topics of this course. **Prerequisite:** MATH 104E, or 104EH. **Recommended Preparation:** MATH 105. Course Typically Offered: Fall/ Winter/Spring/Summer.

MATH 110
Precalculus and Trigonometry (*previously Precalculus*)
6.0 Units
MATH 110 is an accelerated precalculus course in algebra and trigonometry that encourages students to connect mathematical theories to the real world. Students explore a wide range of mathematical concepts, including polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs, inverses, zeroes, and diverse applications. Topics also cover inequalities, trigonometric identities, conic sections, polar equations, parametric equations, and systems of equations. Resources and support are available to accommodate different learning styles. **Note**: The maximum number of units given for MATH 110 AND 100, 100+, 101E, 110A, 110B, or 111 is 6 units. Lecture 6 hours. **Prerequisite:** Placement is based on academic background or satisfactory completion of Intermediate Algebra or the equivalent.

MATH 112
Calculus for Business
MATH 112 is a one-semester course in calculus for business, management, and social science majors. Students cover topics that include techniques of differentiating, maximum-minimum problems, curve sketching, derivatives and applications of exponential and logarithmic functions, and techniques of integration. **Prerequisite:** Placement is based on academic background or satisfactory completion of Intermediate Algebra or the equivalent. Course Typically Offered: Fall/ Winter/Spring/Summer.

MATH 112+
Calculus for Business with Support
MATH 112+ is a one-semester course in calculus for business, management, and social science majors. This course has a built-in support lab component. Students cover topics that include techniques of differentiating, maximum-minimum problems, curve sketching, derivatives and applications of exponential and logarithmic functions, and techniques of integration. **Prerequisite:** Placement is based on academic background or satisfactory completion of Intermediate Algebra or the equivalent. Course Typically Offered: Fall/ Winter/Spring/Summer.

MOA 183
Introduction to Health Insurance & Reimbursement
MOA 183 familiarizes students with the tools necessary to understand the process of medical billing, coding, insurance and reimbursement in a medical setting. Students explore various health insurance companies, policies and regulations, the relationship between single payer, Medicare and medical insurance providers, and private health insurance providers. Students also learn various coding standards and the medical claims submission process to support physicians with appropriate reimbursement for their services.

MOA 184
Health Care Delivery Systems
MOA 184 introduces students to healthcare delivery systems, including ambulatory, long-term and managed care, mental health, rehabilitation medicine, hospice and home health. Students explore these topics within United States healthcare system and delivery: regulatory and accreditation requirements, funding and reimbursement, licensing and government regulations, industry issues, and industry growth.

MUSIC 120
Music Appreciation
MUSIC 120 traces the evolution of music over the past 1500 years, with a special emphasis on understanding how to listen for greater enjoyment. Students learn about specific composers and works, families and subgroups of musical instruments, and the basic elements of music, such as form and structure. Students are required to attend at least one classical concert and submit a written report. **Note**: Music majors should enroll in MUSIC 125 and 126. Course Typically Offered: Fall/ Winter/Spring/Summer.

MUSIC 120H
Honors Music Appreciation
MUSIC 120H traces the evolution of music over the past 1500 years, with a special emphasis on understanding how to listen for greater enjoyment. Students learn about specific composers and works, families and subgroups of musical instruments, and the basic elements of music, such as form and structure. Students are required to attend at least one classical concert and submit a written report. **Note**: Music majors should enroll in MUSIC 125 and 126. The honors course will be enhanced in one or more of the following ways: 1. Students will take essay exams that require analysis of music; 2. Students may read and analyze primary source materials regarding aspects of music history; 3. Students may be required to write a research paper on a topic relevant to the content of the course. This paper must be correctly cited and referenced; 4. Students will attend a concert of music and write an analysis on the works performed. Course Typically Offered: Fall/Spring.

MUSIC 125
History and Literature I (Antiquity–1750)
MUSIC 125 explores the rich history of Western European music from antiquity through 1750. Students learn how music was shaped by the cultural, intellectual, and social forces of each era, with a focus on styles, composers, and musical trends. Students will attend two (2) concerts featuring music from the time periods studied and submit two (2) concert reports based on these performances. It is recommended to take MUSIC 125 and MUSIC 126 within the same academic year for a complete overview of music history. A basic understanding of music notation is strongly encouraged to help students follow scores and complete basic music analysis**. Recommended Preparation:** MUSIC 101 or equivalent.

MUSIC 126
History and Literature II (1750–Present)
MUSIC 126 explores the dynamic history of Western European music from 1750 to the present. Students learn how music was shaped by the cultural, intellectual, and social forces of each era, with a focus on styles, composers, and musical trends. Students will attend two (2) concerts featuring music from the time periods studied and submit two (2) concert reports based on these performances. It is recommended to take MUSIC 125 and MUSIC 126 within the same academic year for a complete overview of music history. A basic understanding of music notation is strongly encouraged to help students follow scores and complete basic music analysis**. Recommended Preparation:** MUSIC 101 or equivalent.

MUSIC 148
Small Performing Ensembles
MUSIC 148 is a hands-on course for the study, rehearsal, and performance of literature for small performing ensembles. Students develop performance skills and learn different literature every semester with the ensembles in genres including traditional classical, jazz, opera, world music, and contemporary music. The choice of ensemble is based on each student's identified area of performance study. **Note**: An audition is required. Please contact the instructor before the first class. Students must provide an appropriate instrument. May be taken 4 times for credit.

MUSIC 154
Contemporary Guitar I
MUSIC 154 continues the study of guitar playing in a variety of contemporary styles. Students continue to develop contemporary guitar techniques, triads, extended chords, moveable chords, major scales, and minor scales. Emphasis is placed on reading music beyond the first few frets and playing in different keys. Repertoire is drawn from a variety of contemporary guitar styles including but not limited to country, rock, blues, and jazz. **Note**: This class requires the student to have a full-size guitar in playable condition.

MUSIC 157
Classical Guitar II
MUSIC 157 continues with the study of basic classical guitar techniques, including dynamics, ligado technique, and grace **Note**s. Students become acquainted with the entire fingerboard through scales in higher positions, selected compositions for the guitar from the 18th and 19th centuries, and solo arrangements of familiar songs. Students also discuss and apply chord structure to the fingerboard. **Note**: Students must have a full-size guitar in playable condition.

MUSIC 160
Piano I
MUSIC 160 is designed for students with no prior experience in piano playing. Students learn the basics of music notation, reading and piano technique. Students also learn technical exercises as well as short performance pieces. Course Typically Offered: Fall/ Winter/Spring/Summer.

MUSIC 161
Piano II
MUSIC 161 advances the beginning pianist's fundamental skills. Students learn beginning concepts of interpretation and tone coloring. Students also develop technical proficiency through scales, arpeggios, and chord inversions, reinforcing proper fingerings and hand position. Additionally, students refine their sight-reading abilities and explore strategies for effective practice, memorization, and expressive performance across various musical styles. Course Typically Offered: Fall/ Winter/Spring/Summer.

MUSIC 189
Audio Mixer Programming and Networking
3.0 Units
MUSIC 189 is an intermediate level audio course which provides an overall study of professional digital mixing systems used in the live entertainment industry. Students study audio workflow, programming, and networking standards used by technicians in the entertainment industry. **Note**: This course may not be taken for credit by students who have completed THTR 189. Lecture 2 hours/Laboratory 3 hours. **Recommended Preparation:** MUSIC 181. Course Typically Offered: Spring. **Transfer Credit:** CSU, UC.

MUSIC 202
Musicianship II
MUSIC 202 is a course designed to train the student to recognize, develop, and apply the rhythmic, melodic and harmonic materials studied in Harmony I through ear training, sight singing, dictation, and analysis. Students learn how to perform music in major and minor keys, simple and compound meter, and rhythms containing divisions and subdivisions.

MUSIC 236
Vocal Jazz Ensemble: Traditional
MUSIC 236 is the study and performance of choral literature composed for small vocal jazz ensembles. Students learn and perform traditional jazz and popular repertoire prior to the 1970s as well as traditional seasonal music. Improvisation is emphasized and microphones are used for group and individual tone production. **Note**: An audition is required. Students must demonstrate the ability to match pitch, sing a harmony part, maintain steady rhythm, and produce an acceptable vocal quality. **Note**: May be taken 4 times for credit.

MUSIC 237
Vocal Jazz Ensemble: Contemporary
MUSIC 237 is the study and performance of choral literature composed for small jazz vocal ensembles. Students learn and perform music, focusing on contemporary jazz and pop repertoire from the 1950s or later. Improvisation is incorporated into performances and microphones are used for group and individual tone production. **Note**: An audition is required. Students must demonstrate the ability to match pitch, sing a harmony part, maintain steady rhythm, and produce an acceptable vocal quality. **Note**: May be taken 4 times for credit.

PHILO 121H
Honors History of Philosophy in the Islamic World
3.0 Units
PHILO 121H introduces students to the traditions and debates of philosophy in the Islamic world. We explore the relationship between philosophy and religion; the nature of divine knowledge (what does God know?) and of human knowledge (what can humans know?); the world's creation (is it eternal or created in time?); and ideals of government and political leadership. Students read selections from multiple religious traditions and from thinkers such as Al-Fārābī, Ibn Sīnā (or Avicenna), Al-Ghazālī, Ibn Rushd (or Averroës), and Maimonides. The course also covers the necessary historical and cultural context: there is no assumption of prior study in philosophy or history. The Honors course may be enhanced in one or more of the following ways: 1. enriched reading opportunities, including conceptual and scholarly sources; 2. enriched critical thinking opportunities, such as oral presentations of research, experiential learning, metacognitive reflection, and service learning. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall. **Transfer Credit:** CSU, UC.

PHILO 123
Introduction To Symbolic Logic
PHILO 123 introduces students to logic, enabling them to analyze and evaluate arguments. Students learn to translate English arguments, use truth tables, create natural deduction derivations, use defined identity relations, acquire an understanding of soundness and validity, and begin to develop a working grasp on logic metatheory. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

PE 108
Group Exercise I
PE 108 offers various modes of moderate to vigorous aerobic exercise set to contemporary music. Students learn a variety of group exercise formats as well as basic physiology, safety protocols and programming for aerobic and muscular fitness.

PE 110
Indoor Cycling I
PE 110 provides instruction in indoor cycling, a low-impact, non-weight-bearing activity that enhances cardiorespiratory fitness, muscular endurance, and overall well-being. Students will engage in structured cycling routines on a stationary bike, incorporating varied intensity levels and movement patterns. Instruction is supported by music, as well as verbal and visual cues, to facilitate technique, pacing, and performance.

PE 111
Indoor Cycling II
PE 111 builds on skills learned in PE 110, providing a progressive program to improve cardiovascular fitness, muscular endurance, and overall well-being. Students will utilize intermediate techniques including sprints, intervals, and hill climbing, while continuing to practice cycling safety, proper bike set-up, and heart rate training.

PE 112
Indoor Cycling III
PE 112 builds on skills and concepts in PE 111 and introduces advanced techniques of indoor cycling to improve cardiovascular and muscular fitness, including steady-state training, intervals, hill climbs, sprints and high-intensity interval training (HIIT). Students learn to target appropriate heart rate zones, arrange various components of training, and program appropriate revolutions-per-minute (RPM) and music tempo for choreographed workouts. Students also design and lead an indoor cycling workout to music, and practice skills needed to become indoor cycling instructors.

PE 150
Basketball I
PE 150 teaches the beginning concepts of basketball as a life-time activity. Instruction includes practice in fundamental techniques, rules of basketball, development of team play, and competitive participation. Students learn fundamental warm-up and cool-down techniques, basketball fundamentals, safety, and the physiological and psychological benefits of playing basketball.

PE 151
Basketball II
PE 151 teaches the intermediate concepts of basketball as a life-time activity. Instruction includes a review of the fundamental techniques, rules of basketball, development of team play and competitive participation. Students also learn several offensive and defensive strategies, game plans, effective offense and defense practice drills, the physiological and psychological benefits of playing basketball, and the psychological considerations of competition.

PE 152
Basketball III
PE 152 teaches the advanced concepts of basketball and the application of practice and game situational strategies. Instruction includes a review of intermediate techniques, rules of basketball, development of team play and competitive participation. Students also learn several offensive and defensive strategies, game plans, effective offense and defense practice drills, the physiological and psychological benefits of playing basketball, and the psychological considerations of competition.

PE 182
Running Aerobics III
PE 182 offers instruction and practice in advanced running aerobics training. Students improve their running skills while training to complete a 10K distance road race. The course emphasizes advanced training techniques such as variable intensity and durations, interval training, and anaerobic conditioning.

PE 202
Golf I
PE 202 introduces students to the fundamentals of golf. Students receive an overview of equipment, rules and etiquette, proper swing technique, and mental aspects of game play, while practicing skills at the golf range or on the course. This course is conducted at an off-campus golf facility. **Note**: Each student must pay a golf course facilities fee and provide their own golf clubs.

PE 203
Golf II
PE 203 offers instruction and practice in intermediate golf and applies the fundamental knowledge and skills developed in PE 202. Students learn intermediate level golf techniques including analysis of the course, shot strategies and problem-solving skills. This course is conducted at an off-campus golf facility. **Note**: Each student must pay a golf course facilities fee and provide their own golf clubs.

PE 204
Golf III
PE 204 offers instruction and practice in advanced golf and applies the intermediate knowledge and skills developed in PE 203. Students learn advanced skill development, strategies of game play, and mental preparation techniques. This course is conducted at an off-campus golf facility. **Note**: Each student must pay a golf course facilities fee and provide their own golf clubs.

PE 215
Martial Arts and Combatives I (*previously Self Defense for Women I*)
PE 215 helps students focus on principles and practical aspects of personal safety. Students learn methods and tactics of practical self-defense, including alternatives for situational defense strategies. Students also practice rigorous conditioning exercises and develops skills in perception, analysis, escape, compromise, avoidance, and deterrence.

PE 216
Martial Arts and Combatives II (*previously Self Defense for Women II*)
PE 216 helps students develop and master principles and practical aspects of personal safety. Students learn methods and tactics of practical self-defense, and builds on fundamental techniques taught in PE 215. Students also receive rigorous conditioning exercises and develop proficiency in skills in perception, analysis, escape, compromise, avoidance, and deterrence.

PE 220
Kickboxing I
PE 220 teaches students the basics of kickboxing as a martial art, a self-defense technique, and an exercise format to improve physical conditioning. Students learn safe practice and proper form for fundamental stance, footwork, punches, kicks, knees and elbows, as well as simple combinations. This course utilizes bag-work for conditioning drills, and emphasizes injury prevention.

PE 221
Kickboxing II
PE 221 builds on the fundamental skills learned in PE 220 and introduces students to intermediate techniques in kickboxing for self-defense, competition and exercise. Students add power and placement to basic punches, kicks, knees and elbows and adapt opponent's movements and evasive techniques. Physical conditioning for injury prevention and performance are emphasized. Students are also introduced to focus pads and mitt-work, as well as safe sparring between training partners.

PE 222
Kickboxing III
1.0 Unit
PE 222 builds on the intermediate skills learned in PE 221 and introduces students to kickboxing trainer techniques for physical and mental health, fitness, and wellness. Students learn to train others in kickboxing movement patterns utilizing focus mitts and other basic training tools, and to assess and improve others' physical conditioning for injury prevention and performance. Laboratory 3 hours. **Prerequisite:** PE 221. Course Typically Offered: Fall/Winter/Spring/Summer. Transfer Credit: CSU, UC

PE 238
Soccer I
PE 238 teaches the beginning concepts of soccer in a recreational environment. Students learn basic skills of soccer: passing, receiving, trapping, dribbling, and control techniques, as well as the fundamental history, rules, etiquette, and safe play pertaining to soccer.

PE 239
Soccer II
PE 239 offers instruction and practice in intermediate soccer techniques and team concepts in a recreational environment. This course builds upon the application of basic skills, team play, and offensive and defensive fundamentals learned in PE 238. Students practice soccer etiquette, discuss team strategies, and apply the rules and regulations of soccer to game situations.

PE 240
Soccer III
PE 240 builds on skills and concepts in PE 239 and introduces advanced concepts of soccer in a recreational environment. Students develop proficiency in skills, strategy, teamwork, and communication, while practicing for advanced competitive game play.

PE 274
Volleyball I
PE 274 teaches the beginning concepts of volleyball in a recreational environment. Students practice the six basic skills of volleyball: passing, setting, hitting, serving, blocking and individual defense, and learn the fundamental history, rules, etiquette, and safety considerations for playing volleyball.

PE 275
Volleyball II
PE 275 builds upon the application of basic volleyball skills, team play, and offensive and defensive fundamentals learned in PE 274. Students practice and refine volleyball skills, and apply rules, etiquette, and team strategies to game-play.

PE 276
Volleyball III
PE 276 builds on intermediate volleyball skills and concepts learned in PE 275. Students continue to refine volleyball skills and apply them to competitive situations in a recreational environment. Students learn advanced tactics, rule interpretations and strategies for team competition.

PSYC 108
Death, Dying, and Loss
3.0 Units
PSYC 108 surveys issues and decisions related to death, dying, and loss throughout the human lifespan. Students explore topics such as historical and cross-cultural perspectives, death socialization, medical ethics, the healthcare system, legal issues, grieving, and after-life concerns. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

PSYC 114
The Psychology of Communication
3.0 Units
PSYC 114 emphasizes the study of psychological processes involved in constructing communication, including perception, motivation, learning, and emotion. Students explore issues involved in giving, receiving, and interpreting verbal and non-verbal behavior in various interpersonal situations. Focus includes the intersection of gender, culture, and social identities and how these factors shape how we communicate with ourselves and other individuals via mass communication and technology. Experiential exercises, including role-playing and small group interactions, provide opportunities to increase awareness of personal communication styles and to develop more effective communication skills, including active listening, conflict resolution, and assertive language. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

PSYC 200
Research Methods for Psychology
PSYC 200 is a lecture and laboratory course focusing on the nature of theory and the principles of descriptive and inferential research. The course analyzes the scientific method, research design, ethical principles, internal and external validity, and scientific writing, and students apply these topics in a laboratory environment. **Prerequisite:** PSYC C1000 and ECON 127, STAT C1000, STAT C1000E, or STAT C1000H. Course Typically Offered: Fall/Spring.

SOC S 110
American Pop Culture
SOC S 110 is an interdisciplinary course that examines how popular culture impacts everyday American life by analyzing various forms, including music, film, television, advertising, sports, fashion, design, toys, magazines, comic books, and cyberculture. Through a contextualized discussion of American popular culture, students assess how historical forces have shaped life in the United States while being introduced to related academic fields, including History, Ethnic Studies, Political Science, and Economics. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring/Summer.

SOC S 110H
Honors American Popular Culture
3.0 Units
SOC S 110H is an interdisciplinary course that examines how popular culture impacts everyday American life by analyzing various forms, including music, film, television, advertising, sports, fashion, design, toys, magazines, comic books, and cyberculture. Through a contextualized discussion of American popular culture, students assess how historical forces have shaped life in the United States while being introduced to related academic fields, including History, Ethnic Studies, Political Science, and Economics. The Honors course may be enhanced in one or more of the following ways: 1. enriched reading opportunities, including conceptual and scholarly sources, 2. enriched critical thinking opportunities such as oral presentations of research, experiential learning, metacognitive reflection, and service learning. Lecture 3 hours. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall/Spring/Summer. **Transfer Credit:** CSU, UC.

SOC S 127
Los Angeles County: History, Politics, And Culture
SOC S 127 examines one of Earth's most culturally diverse places: Los Angeles County. Students explore the county through three contexts: history, portrayal in popular culture, and contemporary issues it faces today. The course examines the roles of Tongva, Spanish, Mexican, and American peoples in the region's development in addition to the diverse populations and cultures that have shaped Los Angeles. Students also investigate how the global community imagines LA. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall (even years only).

SOC S 145
Introduction To Community Volunteerism
SOC S 145 introduces students to community service volunteerism and service learning for college credit. Through several disciplines, students are introduced to the social and psychological factors associated with volunteer service in America and examine possible solutions to problems within the community. The course includes one lecture hour per week and three lab hours of community service work per week. **Recommended Preparation:** ENGL C1000, ENGL C1000E, or ENGL C1000H, or equivalent. Course Typically Offered: Fall.

SOC 141A
Social Work and Human Services Seminar
SOC 141A allows students participating in supervised field experience in a community organization, agency, or institution to attend a weekly class meeting that provides the academic element to the experiential course offering. The knowledge gained from the corequisite course will help students frame their field experience. Students develop skills that would facilitate gaining employment in the human services field. **Note**: This course may not be taken for credit by students who have completed SOC 141 before Fall 2022. **Corequisite:** SOC 141B. **Prerequisite**: SOC 140, PSYC C1000, or SOC 101.

THTR 132
Lighting Power Distribution and Networking
3.0 Units
THTR 132 is the study of power distribution and networking of lighting used in the live entertainment industry. Students receive an in-depth analysis of the common practices within entertainment lighting of the distribution of power and data networking systems used in live events, such as concerts and theatrical performances. Lecture 2 hours/Laboratory 3 hours. **Prerequisite**: None. **Transfer Credit:** CSU, UC.

THTR 189
Audio Mixer Programming and Networking
3.0 Units
THTR 189 is an intermediate level audio course which provides an overall study of professional digital mixing systems used in the live entertainment industry. Students study audio workflow, programming, and networking standards used by technicians in the entertainment industry. **Note**: This course may not be taken for credit by students who have completed MUSIC 189. Lecture 2 hours/Laboratory 3 hours. **Recommended Preparation:** MUSIC 181. Course Typically Offered: Spring. **Transfer Credit:** CSU, UC.

THTR 191 

Entertainment Lighting Practicum

3.0 Units

THTR 191 provides students with hands-on experience in all elements of lighting in live entertainment. Students develop the technical skills required to work as electricians, lighting programmers and light board operators in the entertainment industry. **Note**: Students are expected to be available for crew calls, rehearsals, and performances of GCC productions as assigned by the instructor. Additional materials including an 8" crescent wrench, work gloves and backstage appropriate clothing may be required. Laboratory 9 hours. **Prerequisite:** None. Course Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

THTR 192 

Entertainment Audio Practicum

3.0 Units

THTR 192 provides students with hands-on experience in sound production in live entertainment, including sound board operation, mixing, and live sound reinforcement. Students develop the technical skills required to work as audio engineers and sound technicians in the entertainment industry. **Note**: Students are expected to be available for crew calls, rehearsals, and performances of GCC productions as assigned by the instructor. Additional materials including work gloves and backstage appropriate clothing may be required. Laboratory 9 hours. **Prerequisite:** None. Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

THTR 193 

Entertainment Rigging Practicum

3.0 Units

THTR 193 provides students with hands-on experience in various elements of rigging in live entertainment, including safely and effectively handling rigging equipment and setting up various rigging systems. Students develop the technical skills required to work as rigger in the entertainment industry. **Note**: Students are expected to be available for crew calls, rehearsals, and performances of GCC productions as assigned by the instructor. Additional materials including an 8" crescent wrench, work gloves, and backstage appropriate clothing may be required. Laboratory 9 hours. **Prerequisite:** None. Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

THTR 194 

Entertainment Video Projection Practicum

3.0 Units

THTR 194 provides students with hands-on experience in all elements of video projection in live entertainment, including setting up and operating video projection systems. Students develop the required technical skills to work as video projection technicians in the entertainment industry. **Note**: Students are expected to be available for crew calls, rehearsals, and performances of GCC productions as assigned by the instructor. Additional materials including an 8" crescent wrench, work gloves and backstage appropriate clothing may be required. Laboratory 9 hours. **Prerequisite:** None. Typically Offered: Fall/Spring. **Transfer Credit:** CSU, UC.

CREDIT PROGRAMS

Administration of Justice

AS Degree and Certificate

Students must complete all required courses for a minimum of 30 units.

Required Courses: ADMJ 101, 103, 110, 118, 120, 134.

Select a minimum of twelve units from the following: ADMJ 107, 116, 117, 129, 160, 165, 170, 201

Administrative Medical Assistant
AS Degree and Certificate
This program prepares students with the essential knowledge and skills needed to succeed in a medical office or clinic setting. The curriculum covers key administrative functions, including patient reception and scheduling, medical documentation and word processing, insurance validation and coding, supply and equipment management, and electronic health record maintenance. Students will also develop professional communication skills, learn to navigate HIPAA regulations, and gain hands-on experience in multitasking within a fast-paced healthcare environment. Completers will be prepared to effectively support physicians and healthcare teams in delivering quality patient care. Students must complete all required courses for a minimum of 29 units.

Architectural Drafting & Design
AS Degree and Certificate
This program prepares students to enter employment as an architectural drafter and designer in the building construction field, permit technician, and interior designer. Students will receive training in traditional and computer aided drafting, residential and commercial building design, interior design, building codes, and print reading. Students must complete all required courses for a minimum of 33 units.
Required Courses: ARCH 101, 102, 103, 105, 106, 120, 125, 130, 135, 250.
Select one course from the following: ARCH 141, 229, 251.

Armenian Language
AA Degree and Certificate
This program provides a rigorous academic preparation in the Armenian Language. Students are prepared to transfer to baccalaureate degree programs in Armenian or Near Eastern Languages, as well as Music, Linguistics, Art History and related fields. This degree or certificate also meets the needs of those in the community who wish to gain aptitudes in foreign languages or may enter the job market in fields that may require knowledge of a foreign language such as Armenian. Students develop competency in the ability to comprehend, speak, read, and write in Armenian, while at the same time learn to think critically by analyzing works of literature and other manifestations of culture. Students must complete all required courses for a minimum of 18 units.

AS-T - Biology
Required Core: BIOL 101, 102;
List A: CHEM 101, 102; MATH 103E, 103E+, or 103EH;
Select one of the following options:
Option 1 (10 units): PHY 101 and 102
Option 2 (8 units): PHY 105 and 105
Required Units for Major: 32-35 units*

Computer Networking
Certificate
Students must complete all required courses for a minimum of 18-20 units.
Required Courses: CS/IS 190, 194, 196, 197.
Select two courses from the following: CS/IS 172, 174, 186, 193, 240, 242.

Dietetic Services Supervisor
AS Degree and Certificate
This program prepares students to supervise food and nutrition departments in healthcare such as acute care, convalescent, skilled nursing, retirement homes, as well as schools, and other non-commercial foodservice operations. The curriculum focuses on the fundamentals of nutrition, modified diets, culinary arts, sanitation, and sound food service management practices. Students must complete all required courses for a minimum of 23 units.

Digital Content Specialist
AS Degree and Certificate
This program provides students with the creative and technical skills to create, edit, optimize, and distribute digital content including web graphics, photographic images, and video. Students learn to develop, deploy, and manage web servers and optimize digital content for deployment on client side websites. The program provides the skills required for employment as a Digital Content Creator and Digital Content Manager, while providing skills to support Photographers, Graphic Designers, and Video Editors. Students must complete all required courses for a minimum of 21 units.
Required Courses: ART 250, 251; CS/IS 260; FTVM 132; PHOTO 100, 111, 130.

Documentary Film Production
AA Degree and Certificate
Students must complete all required courses for a minimum of 22-24 units.
Required Courses: FTVM 46, 108, 120, 130, 132, 271; MCOMM 101.
Select one course from the following: FTVM 135, 139.

Engineering Technology-CAD (*previously Engineering Technology-CAD & Design*)
AS Degree and Certificate

Entrepreneurship/Small Business I 

Certificate
This certificate is designed for students who wish to start or manage a small business. It teaches fundamental knowledge of the basic business disciplines necessary for a successful entrepreneurship. **Program Learning Outcomes:** Upon completion of this program, students will be able to understand and apply the business skills necessary to start or manage a successful small business; create a written business plan. Students must complete all required courses for a minimum of 8 units.
Required Courses: ENTRE 101, 102.
Select one course from the following: ENTRE 103; BUSAD 158.
*This certificate is not financial aid eligible

Financial Planning & Investment I 

Certificate
This certificate is designed for students who are interested in the business aspects of financial planning or investments. Students will understand the terminology of finance and express themselves analytically using time value of money concepts, liquidity analysis, profitability analysis, and equity management concepts, apply the tools of investing to determine the appropriateness of an investment, and develop and prepare a personal income statement and balance sheet. **Program Learning Outcomes:** Upon completion of this program, students will be able to understand and express themselves analytically using the terminology of finance; apply the tools of investing to determine the appropriateness of an investment; develop and prepare a personal income statement and balance sheet. Students must complete all required courses for a minimum of 9-11 units.
Required Courses: BUSAD 131, 134.
Select one course from the following**:** ACCTG 101; BUSAD 120, 135, 136.
*This certificate is not financial aid eligible

Fire Technology
AS Degree and Certificate
This degree is designed to prepare in-service and pre-service students for a career in firefighting in local, state, and federal fire agencies. This also provides the employed firefighter an opportunity for professional educational development. Students must complete all required courses for a minimum of 27-30 units.
Required Courses: FIRE 101, 102, 103, 104, 105, 106.
Select nine units from the following: EMT 140; FIRE 108, 112, 114, 116, 117, 118, 119.

Health Science
AS Degree
This degree provides a strong foundation for students preparing for careers in the allied health fields, such as nursing, physical therapy, optometry, and occupational therapy, among others. The required courses prepare students for advanced coursework in certificate or professional degree programs or for transfer to four-year institutions. Students must complete all required courses for a minimum of 20 units.
Required Course: BIOL 120.
Select one course from the following: BIOL 115, 121, 122.
Select one course from the following: CHEM 110, 120.
Select one course from the following: COMM 100, C1000, 103.
Select one course from the following: ANTHR 102, 102H; NUTR 125; PSYC C1000, C1000H, 106; SOC 101, 101H.

Healthcare Administration
AS Degree and Certificate
This degree prepares students for management and leadership roles in health services and related organizations and systems. Students explore key issues facing healthcare delivery and learn strategies for managing effective and efficient operations. The curriculum covers public and private sector healthcare organizations, including hospitals, long-term care facilities, group practices, health maintenance organizations, health insurance and benefits administrations, and public health agencies. Emphasis is placed on organizational dynamics, healthcare policy, and administrative functions across diverse care settings. Students must complete all required courses for a minimum of 25 units.

Human Resources Assistant I 

Certificate
This certificate is designed for students who are preparing to work in a Human Resources department in private industry or in a governmental agency (e.g. city, county, state, school district, etc.). **Program Learning Outcomes:** Upon completion of this program, students will be able to apply the principles and methods involved in the recruitment, selection and placement of employees with regard to affirmative action programs, training, experience and aptitudes; model techniques of effective customer and employee relations. Students must complete all required courses for a minimum of 9 units.
Required Courses: BUSAD 144, 145.
Select one course from the following**:** BUSAD 101, 110.
*This certificate is not financial aid eligible

Information Technology Technician
Certificate
This certificate is designed to prepare students for a career in Information Technology. Students receive hands-on instruction on how to operate, install, configure, troubleshoot, upgrade, and maintain computer systems and computer networks. Students will become fully prepared to take the A+, Server+, and Network+ certification tests. Students must complete all required courses for a minimum of 18-20 units.

Insurance Professional I 
Certificate
This certificate is designed for students who already have a two-year or higher degree and/or have employment experience in an insurance office or an insurance-related business. This coursework will help prepare students for positions above entry-level, such as appraiser, agent, estimator, senior administrative assistant, broker, underwriter, and senior sales associate. Completion of this program will also help prepare students for insurance certifications. This program is approved by the Insurance Education Association (IEA). Students learn to describe elements of a contract, insurance contracts, and conditions commonly found in property and liability insurance policies. **Program Learning Outcomes:** Upon completion of this program, students will be able to discuss loss exposures, personal risk insurance, and types of personal insurance policies, as well as, define commercial insurance and commercial insurance policies; describe and apply insurance concepts such as principles of indemnity, valued policy, and liability limits; describe elements of a contract, insurance contracts, and conditions commonly found in property and liability insurance policies. Students must complete all required courses for a minimum of 14 units.
Required Courses: BUSAD 111, 112, 113, 114, 115, 116.
*This certificate is not financial aid eligible

Interior Architecture & Design 
Certificate
This certificate combines design-oriented studio activities with the study of design theory and presentation skills. Students learn to formulate and demonstrate a basic understanding of interior design concepts and to analyze a client's needs, goals, and requirements to prepare an interior design solution of a space or structure. Common occupations for students who complete this certificate include drafter/designer in an architecture office, interior design project developer, interior design consultant, staging designer for movie production/residential and commercial projects, and furniture designer. **Program Learning Outcomes:** Upon completion of this program, students will be able to create design solutions relevant to the needs of clients, environmental sustainability, safety, cultural and societal needs; present final design project through verbal and visual media to a range of audiences and clients; prepare working drawings and specifications for non-load bearing interior construction with adherence to applicable industry standards. Students must complete all required courses for a minimum of 18 units.
Required Courses: ARCH 101, 109, 141, 142, 143, 250.

International Business I 
Certificate
This certificate presents the business concepts necessary to compete in the International Global Marketplace. It prepares students to import, export, and/or establish an overseas business presence. This program is designed for both the individual entrepreneur and the established company executive. **Program Learning Outcomes:** Upon completion of this program, students will be able to evaluate cross-cultural issues of marketing a product or service; explain the functions of the U.S. Customs Agency and other regulatory agencies; describe the documentation required by each agency. Students must complete all required courses for a minimum of 9 units.
Required Courses: BUSAD 101, 170, 178.
*This certificate is not financial aid eligible

AA-T Journalism
Required Core: JOURN 192, 103; MCOMM 101;
List A: Select one (3 units) JOURN 104; MCOMM 120;
List B: Select 2 (6-8 units)COMM 104, 120; ECON 101, 102, or 102H; ENGL C1001; PHILO 117; PHOTO 100 or 101; POLS C1000, 102, STAT C1000, C1000E, C1000H, or ECON 127.
Required Units for Major: 18.5-20.5 units*

Kinesiology
AA-T Degree
The AA-T in Kinesiology provides students with a strong academic foundation in the field and preparation for upper division baccalaureate study. Students who have completed the AA-T in Kinesiology will have satisfied the lower division requirements for transfer into Kinesiology or a similar major for many campuses in the California State University system. **Program Learning Outcomes:** Upon completion of this program, students will discover career and educational opportunities in kinesiology and formulate a plan to peruse these options; demonstrate oral and written communication skills that meet the professional and scientific standards in kinesiology; perform motor skills that use concepts, theories, and methods in kinesiology to bridge the gap between theory and practice; apply and assess universal risk management tools used to promote safe practices in physical activity.
Required Core: KIN 100; BIOL 120, 121.
Select a maximum of one (1) course from any three (3) of the following areas for a minimum of three units:
Combatives: PE 131, 215, 217, 218, 220, 221;
Dance: DANCE 110, 111, 115, 116, 120, 121, 124, 125, 126, 127, 128, 129, 131, 133, 138;
Fitness: DANCE 190, 194; KIN 167, 168; PE 101, 102, 108, 110, 111, 132, 134, 135, 180, 181, 295, 296;
Individual Sports: PE 140, 141, 202, 203, 261, 262, 256, 257;
Team Sports: PE 150, 151, 210, 211, 238, 239, 274, 275.
List A: Select two courses from the following (6-9 units)
CHEM 101 or 120; HLTH 102, 104; PHY 105; PSYC C1000 or C1000H; SOC 101 or SOC 101H; STAT C1000, C1000E, or C1000H.
Required Units for Major: 21-26.5

Machinist
AS Degree and Certificate
Students must complete all required courses for a minimum of 21 units.
Required Courses: ENGR 101, 102; MACH 101, 102, 103, 104; MTLGY 150.

Management I 

Certificate
This certificate offers students exposure to the five essential functions of a manager: planning, organizing, staffing, leading, and controlling, providing students with a foundation in strategic and operational management practices. Students will develop listening skills crucial for effective leadership and teamwork, enabling them to foster stronger interpersonal relationships and facilitate better decision-making processes. The skill award equips students with the necessary tools to plan, deliver, and evaluate various types and lengths of speeches and oral presentations, fostering confidence in their communication abilities and preparing them to convey ideas persuasively to diverse audiences.
Program Learning Outcomes: Upon completion of this program, students will be able to understand the five functions of a manager: planning, organizing, staffing, leading and controlling; learn to listen effectively; plan, present, and evaluate speeches and other oral presentations. Students must complete all required courses for a minimum of 9 units.
Required Courses: BUSAD 110, 141.
Select one course from the following: BUSAD 152; COMM C1000.
*This certificate is not financial aid eligible

Marketing I 
Certificate
This certificate is designed for students who need the marketing basics and are planning beginning careers in marketing, advertising, retailing, and sales. Students will learn to recognize and develop an appreciation for customer need, understand and apply the four P's of marketing: Product, Price, Place (distribution), and Promotion, and develop a basic marketing plan and implement a strategy. **Program Learning Outcomes:** Upon completion of this program, students will be able to recognize and develop an appreciation for customer need; understand and apply the four P's of marketing: Product, Price, Place (distribution), and Promotion; develop a basic marketing plan and implement a strategy. . Students must complete all required courses for a minimum of 9 units.
Required Course: BUSAD 162.
Select one course from the following: BUSAD 163, 165.
Select one course from the following: BUSAD 166, 169.
*This certificate is not financial aid eligible

Medical Coding Specialist (*previously Medical Coding Assistant*)
AS Degree and Certificate
This program prepares students with the knowledge and skills to assign medical codes accurately using current classification systems. Students learn coding for diagnoses and procedures, healthcare insurance and reimbursement, and documentation review. Emphasis is placed on applying coding guidelines in various healthcare settings, preparing graduates for entry-level coding roles in the medical field. Students must complete all required courses for a minimum of 31 units.

Physical Science: Astronomy
AS Degree
This degree provides students with a comprehensive education in the physical sciences, emphasizing foundational principles of astronomy. Students will develop a strong understanding of the physical properties of celestial objects, examining planetary systems, stellar structure and evolution, galaxies, and the large-scale structure of the universe. Through a blend of theoretical coursework and practical, hands-on experiences, students will gain proficiency in observational techniques, quantitative reasoning, and data interpretation essential to analyzing cosmic phenomena. The curriculum incorporates a wide-ranging exposure to various physical science courses, enhancing overall scientific literacy. Graduates will be equipped with essential skills in astronomical instrumentation and technologies, ready for transfer to four-year institutions, participation in research opportunities, and successful careers in diverse STEM-related fields. Students must complete all required courses for a minimum of 18-20 units.
Required Courses: ASTRO 102, 110, 120.
Select one course from the following: GEOL 101, 101H; OCEAN 115.
Select one course from the following: CHEM 101, 110.
Select one course from the following: PHY 101, 105, 110.

Physical Science: Chemistry
AS Degree
This degree provides students with a comprehensive education in the physical sciences, emphasizing foundational principles of chemistry. Students will develop a strong understanding of chemical and physical properties of matter, exploring key concepts such as atomic structure, chemical bonding, molecular interactions, and reaction mechanisms. Through a combination of theoretical coursework and hands-on laboratory experiences, students will build skills in conducting precise chemical experiments, quantitative reasoning, and interpreting data to address real-world challenges. The curriculum incorporates a broad exposure to various physical science courses, fostering enhanced scientific literacy. Graduates will be proficient in essential laboratory techniques and instrumentation, well-prepared for transfer to four-year institutions, involvement in research opportunities, and successful careers in environmental science, medicine, materials science, and other STEM-related fields. **Program Learning Outcomes:** Upon completion of this program, students will be able to explain the difference between evidence and theory in science and cite an example in their explanation; use instruments and computers to accurately measure, graph, and analyze physical situations; demonstrate the understanding of common conceptual situations in the physical sciences and be able solve quantitative problems. Students must complete all required courses for a minimum of 19-21 units.
Required Courses: CHEM 101, 102.
Select one course from the following: PHY 101, 105, 110.
Select one course from the following: GEOL 101, 101H; OCEAN 115.
Select one course from the following: ASTRO 110, 120.

Physical Science: Earth Science
AS Degree
The degree provides students with a comprehensive education in the physical sciences, emphasizing foundational principles of Earth Science. Students will develop a strong understanding of Earth's dynamic processes, exploring core areas such as geology, meteorology, oceanography, and environmental science. Through theoretical coursework complemented by extensive hands-on field and laboratory experiences, students will enhance their quantitative reasoning skills, conduct detailed investigations, and analyze data to address geological and environmental challenges. The curriculum offers broad exposure to various physical science disciplines, fostering a deeper scientific literacy. Graduates will master essential field equipment, mapping technologies, and data analysis tools, preparing them effectively for transfer to four-year institutions, participation in research opportunities, and successful careers in STEM-related fields. **Program Learning Outcomes:** Upon completion of this program, students will be able to apply scientific method of thinking to analyze and critically evaluate relevant literature and information; communicate effectively in a variety of ways, such as scientific writing, visualization of data and ideas, or through oral communication; analyze results from data and measurements, form and test hypotheses, and solve quantitative problems; apply interdisciplinary concepts to solve real-world problems while demonstrating enthusiasm for continuous learning in scientific inquiry. Students must complete all required courses for a minimum of 18-20 units.
Required Course: GEOL 102
Select one course from the following: CHEM 101, 110.
Select one course from the following: GEOL 101, 101H; OCEAN 115.
Select one course from the following: ASTRO 110, 120.
Select one course from the following: GEOL 111, 112; OCEAN 116.
Select one course from the following: PHY 101, 105, 110.

Physical Science: Physics
AS Degree
This degree provides students with a comprehensive education in the physical sciences, emphasizing foundational principles of physics. Students will develop a strong understanding of the laws governing motion, forces, energy, and matter. Students explore essential topics including classical mechanics, electromagnetism, thermodynamics, and modern physics, integrating theoretical knowledge with practical skills. Through rigorous coursework complemented by hands-on laboratory experiences, students build quantitative reasoning abilities, develop precision in experimentation, and master the interpretation of scientific data. The curriculum includes exposure to a wide range of physical science courses, enhancing students' overall scientific literacy. Graduates are well-prepared for transfer to four-year institutions, participation in scientific research, and careers across various STEM-related fields. Students must complete all required courses for a minimum of 19-21 units.
Required Courses: CHEM 101, 110.
Select one course from the following: GEOL 101, 101H; OCEAN 115.
Select one course from the following: ASTRO 110, 120.
Complete one of the two options:
Option 1 - PHY 101 and PHY 102 or 103.
Option 2 - PHY 105, 106.

Social Justice: Gender Studies
AA-T Degree
Required Core: ETH S 121; SOC 104, 130.
Select three courses from at least two of the following areas (only one course from Area 4 may be used)
Area 1: History of Government - HIST 111, 111H, 115;
Area 2: Arts and Humanities - ARTH 118; ENGL 111;
Area 3: Social Science – ANTHR 114; COMM 115; ETH S 110; PSYC 105, 113, 131; SOC 108;
Area 4: Quantitative Reasoning and Research Methods – ECON 127; STAT C1000, C1000E, C1000H; PSYC 200; SOC 200;
Area 5: Major Preparation – ETH S 120, 123, 125, 132; HLTH 106.
Required Units for Major: 18-20

Social Media Marketing II 

Certificate
This certificate offers foundational coursework in social media marketing basics for students seeking careers in social media marketing planning and buying. **Program Learning Outcomes:** Upon completion of this program, students will evaluate the effectiveness of social media advertising campaigns based on performance metrics; develop a comprehensive social media marketing plan for a specific target audience; design engaging multimedia content for social media platforms. Students must complete all required courses for a minimum of 15 units.
Required Courses: BUSAD 162, 163, 165, 166.
Select one course from the following: BUSAD 101; CS/IS 255, 260.
*This certificate is not financial aid eligible

Sociology
AA-T Degree
The AA-T in Sociology provides students with a strong academic foundation in the field and preparation for upper division baccalaureate study. Students who have completed the AA-T in Sociology will have satisfied the lower division requirements for transfer into Sociology or a similar major for many campuses in the California State University system.
Required Core: SOC 101 or 101H, 102;
Select one course from the following (4-5 units): ECON 127; STAT C1000, C1000E, or C1000H.
List A: Select two courses from the following (6-7.5 units) ETH S 121; PSYC 104 or 104H, 131, 200; SOC 103, 104, 114, 131, 200.
List B: Select one course from the following (3 units): Any List A course not already used above. ANTHR 102 or 102H; ECON 170; ETH S 110, 120, 123, 125, 132, 165; GEOG 102, 106, 170, 171; HIST 111 or 111H, 117, 118 or 118H, 152; POLS C1000, 115, 170, 171; PSYC C1000 or C1000H, 105; SOC 105, 108, 140, 171; SOC S 101, 105, 110, 120, 130.
Required Units for Major: 19-21.5

Theatre Arts
AA-T Degree
The AA-T in Theatre Arts provides students with a strong academic foundation in the field and preparation for upper division baccalaureate study. Students who have completed the AA-T in Theatre Arts will have satisfied the lower division requirements for transfer into Theatre Arts or a similar major for many campuses in the California State University system. **Program Learning Outcomes:** Upon completion of this program, students will be able to analyze the historical, cultural, and social contexts of theatrical productions; evaluate the creative and technical elements of theatrical productions, including acting, directing, and design to assess the effectiveness of a production; synthesize issues pertaining to the theatre arts from a local, national, and global perspective, preparing them for multiple pathways for future study and career opportunities; create original theatrical works, such as scripts, performances, and designs that translates conceptual ideas into artistic expression.
Required Core: THTR 101 or 102, 100 or 103;
Select one course from the following (3-4 units) THTR 160, 161, 162, 163, 164, 180, 181, 182, 183, 184.
List A: Select three courses from the following (9-10 units) THTR 104, 107, 109 and 110, 123, 171, 172, 173; Any course from the following, not taken in the Required Core: THTR 160, 161, 162, 163, 164, 180, 181, 182, 183, 184.
Required Units for Major: 18-20

Theatre Arts: Acting (*previously Theatre Arts Option 2: Acting*)
AA Degree
This degree provides students with foundational training in acting, voice, movement, character development, and script analysis. Whether looking to transfer to a four-year university or for a pathway into the entertainment industry, students gain practical experience and critical skills through hands-on performances and coursework. This program emphasizes creativity, collaboration, and professional growth, offering a dynamic and supportive environment for aspiring actors to hone their craft and build their portfolios. **Program Learning Outcomes:** Upon completion of this program, students will be able to apply fundamental acting techniques, including voice, movement, and character development, in staged performances; evaluate scripts, character motivation, and thematic elements while providing constructive critiques of personal and peer performances; identify fundamental acting techniques, theatrical terminology, and key historical developments in theatre; recognize theatre as a collaborative art form and effectively contribute to ensemble work. Students must complete all required courses for a minimum of 25 units.
Required Courses: THTR 101, 103, 104, 107, 111.
Select three units from the following: (Movement and Devised Works) DANCE 125, 145, 190; THTR 112, 113.
Select four units from the following: (Theatre Performance): THTR 160, 161, 162, 163, 164.
Select three units from the following: ENGL 125; HUMAN 117; MUSIC 135, 170; THTR 102, 106, 109, 110, 140, 155.

Theatre Arts: General (*previously Theatre Arts Option 1: General*)
AA Degree
This degree provides a balanced combination of practical training and academic study. Students engage in acting, directing, stage design, and technical theatre while developing skills in script analysis, theatre history, and performance techniques. Participation in productions gives valuable hands-on experience and fosters team-building, collaboration, communication, and critical thinking. This program prepares graduates for entry-level roles in the arts or transfer to a four-year institution. **Program Learning Outcomes:** Upon completion of this program, students will be able to apply skills and knowledge of theatre in preparation for transferability or vocation; analyze a play from script to performance; identify theatre terms and occupations; identify theatre as a collaborative art form. Students must complete all required courses for a minimum of 25 units.
Required Courses: THTR 101, 171.
Select one course from the following (Acting): THTR 100, 103.
Select four units from the following (Production): THTR 160, 161, 162, 163, 164, 180, 181, 182, 183, 184.
Select a minimum of twelve units: DANCE 130, 145; HUMAN 117; THTR 102, 104, 106, 107, 109, 110, 111, 112, 113, 121, 123, 124, 140, 155, 172, 173.

Three-Dimensional Art *(previously Visual Arts: Three Dimensional*)

AA Degree

This degree offers students a comprehensive education in three-dimensional art practices. The program is designed to develop both the technical skills and the critical thinking needed to excel in the field of 3-D art. Students will explore a range of media, materials, and processes, preparing them for transfer to a four-year institution or for professional practice in the arts. **Program Learning Outcomes:** Upon completion of this program, students will learn and apply key 3-D art concepts in a variety of mediums, materials and techniques, while prioritizing proper handling and safety precautions; describe, interpret, and critique artworks by exploring their meaning, history, and connections to Contemporary Art; develop artist statements, resumes, portfolios, and exhibition skills to professionally present your work in Contemporary Art contexts; make original art that demonstrates strong craftsmanship, creative material use, and thoughtful ideas. Students must complete all required courses for a minimum of 18 units.

Required Courses: ART 130, 138.

Select one course from the following: ARTH 101, ARTH 101H, ARTH 102, ARTH 102H.

Select three courses from the following: ART 152, 157, 179, 180, 181, 186, 187, 190, 280.

Two-Dimensional Art (*previously Visual Arts: Two Dimensional*)

AA Degree

This degree provides a comprehensive foundation in two-dimensional visual arts, preparing students for transfer to four-year institutions or for professional practice in the arts. The program emphasizes technical skill development and creative exploration in disciplines such as drawing, painting, and printmaking. Students will gain proficiency in traditional and contemporary 2-D art practices, develop a critical understanding of visual language, and build a professional portfolio showcasing their artistic abilities. Through hands-on studio experience and art theory courses, graduates will be equipped with the skills necessary to excel in advanced art studies or to pursue a career in the visual arts. **Program Learning Outcomes:** Upon completion of this program, students will learn and apply key 2-D art concepts in a variety of mediums, materials and techniques, while prioritizing proper handling and safety precautions; describe, interpret, and critique artworks by exploring their meaning, history, and connections to Contemporary Art; develop artist statements, resumes, portfolios, and exhibition skills to professionally present your work in Contemporary Art contexts; make original art that demonstrates strong craftsmanship, creative material use, and thoughtful ideas. Students must complete all required courses for a minimum of 18 units.

Required Courses: ART 130, 150.

Select one course from the following: ARTH 101, 101H, 102, or 102H.

Select three courses from the following: ART 131, 151, 152, 160, 164, 166, 170, 179, 280; PHOTO 100, 101.

Unix/Linux Systems Administrator

Certificate

This certificate prepares students for a Unix/Linux operations and system administrator position. Students install and configure the Unix/Linux operating system to meet the demands of business requirements and information technology needs. Students should have a basic understanding of computer systems and networking before enrolling in this certificate. Students must complete all required courses for a minimum of 20 units.

Required Courses: CS/IS 172, 174, 190, 240.

Select two courses from the following: CS/IS 193, 196, 197, 242, 270.

Verdugo Fire Academy
Certificate
This certificate is designed to prepare students to become entry-level firefighters in local and state fire agencies in California. This fundamental intensive training course includes all learning domains from the California Fire Marshal's office, which includes instruction in structural, commercial and industrial firefighting. Upon completion of this program, students will be able to discuss the skills required for fire prevention techniques; discuss the aspects of fire behavior; discuss the skills required for fire-fighting tactics and strategy; and discuss the skills required for the use of equipment used in fire protection. The Verdugo Fire Academy is a State Board of Fire Services and California State Fire Marshal's accredited Regional Training Program (ARTP) sponsored by Glendale Community College and the Glendale Fire Department. Students receive a variety of California State Fire Marshal certificates upon graduation from the Academy including state and international certification as a Firefighter 1. Students must complete all required courses for a minimum of 35 units.
Required Courses: FIRE 116, 117, 118, 119.

Web Development
AS Degree and Certificate
This program provides students with a comprehensive introduction to web development, covering essential front-end and back-end technologies. Students learn HTML, CSS, and JavaScript to build interactive, responsive websites, along with fundamental programming concepts. The degree also introduces server-side development, databases, and version control. As part of the program, students complete a hands-on project, developing a fully functional web application. Students must complete all required courses for a minimum of 23 units.
Required Courses: CS/IS 260, 261, 262, 265, 266.
Select twelve units from the following: CS/IS 172, 190, 234, 240, 255; ENTRE 101, 102.

Welding
AS Degree and Certificate
This degree is designed to train students in all fundamental processes of welding including Oxy/Acetylene, Metal Inert Gas (MIG), Arc, and Tungsten Inert Gas (TIG). Students prepare to successfully pass the American Welding Society (AWS) certification exams and enter this in-demand workforce. Students must complete all required courses for a minimum of 20-21 units.
Required Courses: ENGR 102; WELD 117, 122, 123, 124; MTLGY 150.
Select one course from the following: WELD 118, 121.
Select one course from the following: WELD 125, 126.

NONCREDIT COURSES

ABSE 10
BASIC READY AND WRITING (*previously BASIC ENGLISH*)
ABSE 10 is a beginning composition and reading course. This course covers the basics of sentence and paragraph composition including mechanics, grammar, and spelling. Reading techniques, vocabulary development, comprehension, and analysis skills will be introduced. Lecture 12-64 hours. This course is Pass/ No Pass only. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 15
VOCABULARY (*previously VOCABULARY DEVELOPMENT*)
ABSE 15 introduces common roots, prefixes, suffixes, and word usage as well as the use of context clues to determine word meanings. This course is designed to meet the needs of students who wish to improve their vocabulary and to earn elective high school credit. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the course results in 5 high school credits. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 20
BASIC MATH
ABSE 20 is a math course designed for students looking to review or master fundamental arithmetic, covering whole number operations, fractions, decimals, percentages, and an introduction to signed numbers. Lecture 32-64 hours. **Note**: This course is Pass/ No Pass only. **Recommended Preparation**: ESL 30 or equivalent.

ABSE 21
ARITHMETIC 1A
Recommended Preparation: ESL 30 or equivalent.

ABSE 22
ARITHMETIC 1B
Recommended Preparation: ABSE 21 or equivalent and ESL 30 or equivalent.

ABSE 23
ALGEBRA 1A
Recommended Preparation: ABSE 22 or equivalent and ESL 30 or equivalent.

ABSE 24
ALGEBRA 1B
Recommended Preparation: ABSE 23 or equivalent and ESL 30 or equivalent.

ABSE 25
GEOMETRY 1A
Recommended Preparation: ABSE 24 or equivalent and ESL 30 or equivalent.
ABSE 26
GEOMETRY 1B
ABSE 26 is the second half of a one-year high school level geometry course. In this course, students explore similarity and trigonometric ratios in right triangles, investigate and prove geometric theorems, and extend their knowledge of area and volume formulas for three-dimensional shapes. This course is designed to meet the needs of students who wish to continue their study of geometry and to earn high school credit in mathematics. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the course results in 5 high school credits. **Recommended Preparation:** ABSE 25 or equivalent and ESL 30 or equivalent.

ABSE 27
APPLIED MATHEMATICS
ABSE 27 is designed to help students use mathematical principles and computations in everyday living and business transactions. This course may be taken as a high school elective in mathematics and earn high school credit. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the course results in 5 high school credits. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 35
INTEGRATED MATHEMATICS 2A
ABSE 35 focuses on algebraic functions, operations with polynomials, quadratic models, and complex numbers. This course is designed to meet the needs of students who wish to continue their study of Integrated Mathematics and earn high school credit in mathematics. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the course results in 5 high school credits. **Recommended Preparation**: ABSE 19 or equivalent and ESL 30 or equivalent.

ABSE 36
INTEGRATED MATHEMATICS 2B
ABSE 36 covers topics such as geometric proofs, transformations, right triangle trigonometry, circle properties, and probability. This course is designed to meet the needs of students who wish to continue their study of Integrated Mathematics and earn high school credit in mathematics. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of this course results in 5 high school credits. **Recommended Preparation:** ABSE 35 or equivalent and ESL 30 or equivalent.

ABSE 37
INTEGRATED MATHEMATICS 3A
ABSE 37 focuses on the integration of algebra and geometry through graphing representations and coordinate proofs. Student explore modeling in two and three dimensions; algebraic theorems; polynomial and rational functions, expressions and equations. This course is designed to meet the needs of students who wish to continue their study of Integrated Mathematics and to earn high school credit in mathematics. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the course results in 5 high school credits. **Recommended Preparation:** ABSE 36 or equivalent and ESL 30 or equivalent.

ABSE 38
INTEGRATED MATHEMATICS 3B
ABSE 38 focuses on the integration of algebra and geometry through examining the mathematical measures of circles. Student also explore geometric and logarithmic sequences, as well as statistical measures. This course is designed to meet the needs of students who wish to continue their study of Integrated Mathematics and to earn high school credit in mathematics. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of this course results in 5 high school credits. **Recommended Preparation**: ABSE 37 or equivalent and ESL 30 or equivalent.

ABSE 60
HIGH SCHOOL EQUIVALENCY (HSE) PREPARATION
ABSE 60 is an individualized course designed to prepare students to take the GED (General Educational Development) or the HiSET (High School Equivalency Test) examination. This course covers all five areas of the examinations: reading, writing, social studies, science, and mathematics and includes small group instruction. Additionally, this course can be taken by students who need to refresh their college readiness academic skills. Lecture 16-32 hours. **Note**: This is course is Pass/ No Pass only. **Recommended Preparation**: ESL 30 or equivalent.

ABSE 61
LEARNING LAB AND SUPPORT FOR HIGH SCHOOL AND HIGH SCHOOL EQUIVALENCY
ABSE 61 is a learning lab designed for both high school and high school equivalency students who want additional instructional assistance in a specific subject area or help with a particular assignment or project. Students may receive academic support in writing, mathematics, as well as all high school subjects. Laboratory 6-160 hours. **Note**: This course is Pass/No Pass only. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 62
SOCIAL STUDIES FOR THE GED/HiSET
ABSE 62 is designed to prepare students to take the Social Studies section of the GED or HiSET high school equivalency test. This course applies critical thinking skills to interpret social studies-related texts, documents, maps, charts, tables, graphs, and political cartoons, and implement key test taking strategies. The course includes United States history, civics and government, geography and economics. Lecture 9-32 hours. **Note**: This course is Pass/ No Pass only. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 63
SCIENCE FOR THE GED/HiSET
ABSE 63 is a preparation course that teaches students to think critically while learning more about the Life, Physical, Earth, and Space Sciences. This course focuses on the understanding of the scientific method, comprehension of science related texts, and the use of data and statistics in science. Students will receive the necessary skills to successfully pass the science section of the GED/HiSET. Lecture 9-32 hours. **Note**: This course is Pass/ No Pass only. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 64
MATHEMATICAL REASONING FOR THE GES/HiSET
Recommended Preparation: ABSE 20 and ABSE186 or ESL 30.

ABSE 65
GRAMMAR AND USAGE FOR THE GED/HiSET
ABSE 65 is a noncredit English course designed for adult learners who want to improve their grammar skills, and, thereby, improve their reading and writing skills. This course focuses on major principles of basic grammar and sentence instruction and is designed to provide students with the necessary skills to successfully pass the grammar and usage section of the GED/HiSET. Lecture: 8-32 hours. **Note**: This course is Pass/No Pass only. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 110
ENGLISH 9A
ABSE 110 helps students develop strategies for reading various texts including fiction, non-fiction, technical, and informational writings. It also presents strategies for writing, including multiple genres with appropriate use of conventions. This course is designed to meet the needs of students who wish to study the first semester of 9th grade English (9A) and earn high school credit in English. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of this course results in 5 high school credits. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 111
ENGLISH 9B
ABSE 111 helps students develop strategies to read, analyze, and respond to various texts including fiction, non-fiction, technical, and informational writings. It also presents strategies for writing, including multiple genres with appropriate use of conventions. This course is designed to meet the needs of students who wish to study the second semester of 9th grade English (9B) and earn high school credit in English. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of this course results in 5 high school credits. **Recommended Preparation:** ABSE 110 or equivalent and ESL 30 or equivalent.

ABSE 120
BASIC MATHEMATICS REVIEW
ABSE 120 is a contextualized math course which prepares students for a successful transition to college, apprenticeships, and employment. Students study numeracy, fractions, decimals, percentages, unit conversion, ratios, and proportions. Lecture 20 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. This course is Pass/ No Pass only. **Recommended Preparation:** ESL 30 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

ABSE 121
BASIC ALGEBRA REVIEW
ABSE 121 offers students a review of algebraic reasoning and modeling. Students study integers, scientific notation, slope, linear functions and equations, graphing techniques, and quadratic equations. Students build on algebraic vocabulary and develop problem-solving skills. Lecture 20 hours. **Note**: This is a noncredit open-entry, open-exit course. This course is Pass/No Pass only. **Recommended Preparation:** ESL 30 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

ABSE 122
BASIC STATISTICS REVIEW
ABSE 122 students review the basic concepts of data analysis and statistical computing. Students learn weighted averages, distribution of data, interpretation of data graphs, counting strategies and probability. Students develop basic statistics vocabulary and contextualized problem solving. Lecture 20 hours. **Note**: This is a noncredit course with open-entry and open-exit. This course is Pass/No Pass only. **Recommended Preparation:** ESL 30 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

ABSE 147
WORLD GEOGRAPHY 1A
ABSE 147 includes information about the world and its resources, surveys the basic principles of geography, and explores how such physical factors as climate and natural resources influence the cultural, economic and political life of people in the United States, Canada, Latin America, Europe, Russia, and Eurasia. This course is designed for students who wish to earn elective high school credit for the first semester of World Geography. The course presents Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the entire course results in 5 high school credits. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 148
WORLD GEOGRAPHY 1B
ABSE 148 includes information about the world and its resources, surveys the basic principles of geography, and explores how such physical factors as climate and natural resources influence the cultural, economic and political life of people in Africa, Asia, Australia, and Antarctica. The course is designed for students to earn elective high school credit for the second semester of World Geography. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the entire course results in 5 high school credits. **Recommended Preparation:** ABSE 147 or equivalent and ESL 30 or equivalent.

ABSE 149
ART HISTORY 1A
ABSE 149 gives an overview of art and architecture from early civilizations up to the Renaissance. The course includes the art of Europe, Asia, Africa, and the Americas. This course is designed for students who wish to earn elective high school credit for the first semester of Art History. Laboratory 100 hours. **Note**: This is a self-paced course in an open-entry, open-exit lab environment. Successful completion of the course results in 5 high school credits. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 186
ESSENTIALS IN READING AND PARAGRAPH WRITING
ABSE 186 is designed for students who want to improve their reading and paragraph writing skills for college and career readiness. Focus is on reading and comprehension strategies, vocabulary development, fluency, and responsive writing in the form of a well-structured paragraph. Lecture 18-64 hours. **Note**: This course is Pass/No Pass only. **Recommended Preparation:** ESL 30 or equivalent.

ABSE 187
PREPARATION FOR COLLEGE READING AND COMPOSITION
ABSE 187 is designed for students who want to strengthen their critical reading comprehension and responsive essay writing skills for college and career readiness. This course leads students through reading analysis and the writing process: planning, organizing, writing, evaluating, and revising essays. This course includes incorporating and citing evidence from source materials. Lecture 18-64 hours. **Note**: This course is Pass/No Pass only. **Recommended Preparation:** ABSE 186 or equivalent and ESL 30 or equivalent.

ESL 71 

ESL FOR HEALTHCARE WORKERS

ESL 71 is for students interested in working in healthcare settings. Students learn healthcare vocabulary and basic medical terminology, practice interpersonal communication and role plays, and develop confidence in using English in healthcare settings. This course prepares ESL students at intermediate Level 3 and above as a pre-course or for co-enrollment in other healthcare courses. Lecture 45-112 hours. **Note**: This course is Pass/No Pass only. Prerequisite: Placement is based upon performance on a division placement assessment or completion of ESL 20 or ESL 25. Course Typically Offered: Fall/Winter/Spring/Summer.
*Effective Winter 2026

LLS 60 

DIGGING DEEPER: EXPLORING THE PEOPLE-PLANT CONNECTION

LLS 60 focuses on the people-plant connection as students learn about our innate desire to connect with nature. Students explore the benefits of interacting with plants including stress reduction, improved cognitive function, better physical health and increased social connection. This class will feature hands-on activities to enhance the sensory experience. Lecture 16 hours. **Note**: This class is Pass/No pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

PARED 10

INFANT CARE AND OBSERVATION 1 (*previously INFANT I*)

PARED 10 is an introduction to parenting, caregiving, and an exploration of child growth and development through observation and interaction with children from 0-8 months of age. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, caregiver/infant bonding, and effective communication. Caregivers and parents may attend class with one or more children of the designated age. Lecture 12-32 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.
*** Changes are effective in Winter 2026.**

PARED 11

INFANT CARE AND OBSERVATION 2 (*previously INFANT 2*)

PARED 11 is an introduction to parenting, caregiving, and child growth and development with children from 9-16 months of age. Through observation and interaction, students gain basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, caregiver/infant bonding, and effective communication. Caregivers and parents may attend class with one or more children of the designated age. Lecture 12-32 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer. *
***Changes are effective in Winter 2026.**

PARED 12

TODDLER CARE AND OBSERVATION 1 (*previously TODDLER I*)

PARED 12 is an introduction to caregiving and an exploration of child growth and development of children 17-23 months of age. Through observation and interaction, students gain basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers/parents may attend class with one or more children of the designated age. Lecture 12-32 hours. **Note**: This course is Pass/No pass only. Course Typically Offered: Fall/Winter/Spring/Summer.
*** Changes are effective in Winter 2026**.

PARED 13

TODDLER CARE AND OBSERVATION 2 (*previously TODDLER II*)

PARED 13 is an introduction to caregiving and an exploration of child growth and development of children from 23 to 29 months of age. Through observation and interaction, students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 12-32 hours. **Note**: This course is Pass/ No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 20

TWO-YEAR-OLDS CARE AND OBSERVATION (*previously TWO-YEAR-OLDS*)

PARED 20 is an introduction to caregiving and exploration of child growth and development through observation and interaction with two-year-old children. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 18-48 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 21

TWO OR THREE-YEAR-OLDS CARE AND OBSERVATION (*previously TWO OR THREE-YEAR-OLDS*)

PARED 21 is an introduction to parenting, caregiving, and an exploration of child growth and development through observation and interaction with two- and three-year-old children. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 18-48 hours. **Note**: This course is Pass/ No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 22

TWO-, THREE-, OR FOUR-YEAR OLDS CARE AND OBSERVATION *(previously TWO, THREE, OR FOUR-YEAR-OLDS*)

PARED 22 is an introduction to parenting, caregiving and exploration of child growth and development through observation and interaction with two, three, or four-year-old children. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Lecture 18-48 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 30

THREE-YEAR-OLDS CARE AND OBSERVATION (*previously THREE-YEAR-OLDS*)

PARED 30 is an introduction to parenting, caregiving and an exploration of child growth and development through observation and interaction with three-year-old children. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 18-48 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 31

THREE- AND FOUR-YEAR-OLDS CARE AND OBSERVATION (*previously THREE OR FOUR-YEAR-OLDS*)

PARED 31 is an introduction to parenting, caregiving, and an exploration of child growth and development through observation and interaction with three- and four-year-old children. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 18-48 hours. **Note**: This course is Pass/ No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026**.

PARED 41

PRE-KINDERGARTEN CARE AND OBSERVATION (*previously PRE-KINDERGARTEN*)

PARED 41 is an introduction to caregiving, parenting, and exploration of child growth and development through observation and interaction with four- to six-year-old children. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 24-64 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 50

MULTI-AGE CARE AND OBSERVATION (*previously MULTI-AGE*)

PARED 50 is an introduction to parenting, caregiving, and the exploration of child growth and development through observation and interaction with children from birth through six years of age, with homeschooling multi-age sections including children up to nine years old. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 18-48 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 51

FATHERING SKILLS

PARED 51 focuses study on the father's role in providing care for children from birth through the kindergarten years. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Fathers attend class with one or more children of the designated age. Lecture 12-32 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026**.

PARED 54

WORKING PARENTS CHILD OBSERVATION AND CARE (*previously WORKING PARENTS*)

PARED 54 is an introduction to caregiving and the exploration of child growth and development through observation and interaction with children from birth to six years of age, with special attention given to the challenges of caregiving while working full-time. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Caregivers and parents may attend class with one or more children of the designated age. Lecture 12-32 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 60

POSITIVE PARENTING (*previously POSITIVE PARENTING SKILLS*)

PARED 60 is designed for parents and caregivers who seek instruction in positive caregiving, communication, and behavior management methods and skills to redirect inappropriate behavior in children and adolescents of all ages. Students gain a basic knowledge of developmental theories, the physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. Lecture 12-32 hours. **Note**: This class may be offered as "for adults only" or "for adults and children." **Note**: This course is Pass/No pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026**.

PARED 70

WORKING WITH FAMILIES AND CHILDREN (*previously THE POLITICS & PRACTICE OF PARENT ASSOCIATIONS*)

PARED 70 is designed for students who wish to develop a foundational knowledge of working with families or children in a school setting, community setting, business, or nonprofit. Practical experience is gained in areas of volunteerism, designing family events, serving on a nonprofit committee, budget creation and management, newsletter publishing, advertising, community outreach, fundraising, and managing social media accounts and websites. Students must be simultaneously enrolled in any other Glendale College Parent Education course. This class is for adults only. Lecture 18-48 hours. **Note**: This course is Pass/No Pass only. **Corequisite:** Students must be simultaneously enrolled in any other Glendale College Parent Education course. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026**.

PARED 102

PARENTING SPECIAL NEEDS CHILD (*previously PARENTING THE CHILD WITH SPECIAL NEEDS*)

PARED 102 is designed for caregivers and parents who seek assistance in caregiving skills that encourage the optimum development of a child with a special need. Students gain a basic knowledge of developmental theories and the typical and atypical physical, cognitive, social, and emotional stages of development, effective communication, behavior management, and positive guidance. This course may be offered as "adults only" or as "with children in attendance". If children are in attendance, caregivers and parents may attend class with one or more children aged birth to age six years of age. A child's aide may also attend class. Lecture 12-32 hours. **Note**: This course is Pass/ No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

PARED 103

ANGER MANAGEMENT AND DISCIPLINE

PARED 103 prepares students to be more effective caregivers through learning to manage their own anger and developing behavior management strategies. Lecture 12-16 hours. **Note**: This class is for adults only. This course is Pass/ No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

*** Changes are effective in Winter 2026.**

STV 33

WORKPLACE WRITING: FROM EMAILS TO LETTERS (*previously BUSINESS LETTER WRITING*)

STV 33 is a dynamic course designed to elevate students' writing skills to craft professional emails, memos, and business letters. Students will discover key differences between each form of correspondence and gain expert tips on formatting, tone, and language that ensures clarity and professionalism. From mastering email etiquette and security practices to learning the five-step writing process, this course equips participants with the tools for impactful, clear, and concise communication in today's business environment. Lecture/Demonstration 48 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

STV 34
FILING FUNDAMENTALS
STV 34 provides students with comprehensive knowledge and practical skills in various filing systems, including alphabetic, numerical, and subject-based methods. Students will gain expertise in organizing and managing documents through the proper application of indexing rules, essential for effective document handling in a professional environment. Additionally, the course prepares students for employment tests that assess accuracy and information management, commonly required for positions across various industries. Lecture/ Demonstration 32 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

STV 72
GOOGLE WORKSPACE FUNDAMENTALS
STV 72 introduces students to using and configuring a Google account, security settings, Gmail, Google Calendar, Google Voice, Google Drive, Google Docs, Google Sheets, and Google Forms. Students create a Google account, change account settings, use all features available in Gmail, create calendars and appointments in Google Calendar, create a forwarding telephone number service in Google Voice, and create a channel as well as content in Google's YouTube. Lecture 32 hours. **Note**: This course is Pass/No Pass only. Course Typically Offered: Fall/Winter/Spring/Summer.

STV 95
QUICKBOOKS AUTOMATED ACCOUNTING
STV 95 is an automated accounting program that uses QuickBooks software. In this introductory course, students input basic business information and transactions, such as entering customers/vendors and chart of accounts, writing checks, entering/paying bills and making deposits. Lecture/Demonstration 32 hours. **Note**: This course is Pass/ No Pass only. **Recommended Preparation:** ESL 30 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

STV 97
SAGE 50 AUTOMATED ACCOUNTING
STV 97 is an automated accounting program that uses Sage 50 accounting software. This introductory course teaches students to input basic business information and transactions, such as entering customers/vendors and account charts, writing checks, entering/paying bills and making deposits. Lecture/Demonstration 32 hours. **Note**: This class is Pass/No Pass only. **Recommended Preparation:** ESL 30 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

STV 160
ARTIFICIAL INTELLIGENCE IN THE WORKPLACE
STV 160 provides an introduction to the fundamental concepts and practical applications of Artificial Intelligence (AI) in both professional and personal settings. Students explore the technology behind AI, how it is used in industries, and how to interact effectively with AI-powered tools to succeed in the new workplace environment. Lecture/Demonstration 16 hours. **Note**: This course is Pass/No Pass only. **Recommended preparation:** ESL 30 and STV 70 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.
***Effective Winter 2026**

STV 162 

CYBERSECURITY FOR THE SMALL OFFICE / HOME OFFICE

STV 162 introduces students to basic cybersecurity practices for securing small office and home office environments. Topics include basic computer security, VPNs, multi-factor authentication, protecting data with encryption, password managers, social engineering awareness, and user account security. Students gain practical skills to be used in the workplace to protect their data, devices, and online identity from common cyber threats. Lecture/Demonstration 16 hours. **Note**: This course is Pass/No Pass only. **Recommended preparation:** ESL 30 and STV 70 or equivalent. Course Typically Offered: Fall/Winter/Spring/Summer.

***Effective Winter 2026**

STV208 

HOME CAREGIVER/AIDE II

STV 208 is the second part of two courses designed to provide workforce preparation for personal care assistance in the home. This course is for students seeking training in the health field for immediate entry-level employment. In addition, this course equips students with foundational health skills for entry into more advanced health career programs. Lecture 48 hours. **Note**: This course is Pass/No pass only. **Prerequisite:** STV 206. **Recommended Preparation:** ESL 30. Course Typically Offered: Fall/Winter/Spring/Summer.

***Effective Winter 2026**

STV 213 

ADMINISTRATIVE MEDICAL ASSISTING II

STV 213 is the second part of Administrative Medical Assisting which gives students a comprehensive understanding of all medical front office duties. Emphasis in this course is on mastering basic billing and coding and integrated electronic health record (EHR) software. Lecture 60 hours. Laboratory 60 hours. **Note**: Students should be able to keyboard at a minimum rate of 20 wpm. **Note**: There is a recommended co-requisite of ESL 70 for all who need support with medical terminology. **Note**: This course is Pass/No pass. **Prerequisite:** STV 212. **Recommended Preparation:** ESL 30 and ESL 70. Course Typically Offered: Winter/Summer.

***Effective Winter 2026**

STV 216 

CLINICAL MEDICAL ASSISTING II

STV216 is the second part of the Clinical Medical Assisting program. Students learn diagnostic testing, medical administration, and emergency procedures for work in the clinical back office of a medical practice. Lecture 96 hours. **Note**: This course requires the student to take and pass a CPR training. This course is Pass/No pass only. **Prerequisite:** STV215. **Recommended Preparation**: ESL 30 and ABSE 20. Course Typically Offered: Winter/Summer.

***Effective Winter 2026**

NONCREDIT PROGRAMS

Dental Front Office Clerk
Certificate of Completion
This program prepares students for front office work in a dentist's office. Students learn medical terminology, billing, transcription, and customer service. Students learn to utilize PractiSoft dental software to bill providers and manage a small dental practice. Students must complete all 228 required hours to earn the certificate. **Program Learning Outcomes:** Upon completion of this program, students will be able to interact with patients in person and over the telephone in a professional and courteous manner; complete medical insurance billing accurately; use a variety of databases and electronic health records (HER) systems to document dental and medical records accurately; maintain patient confidentiality and secure medical/dental charts according to current legal standards.
Required Courses: STV 35, 40, 210.

High School Diploma
This program allows students to earn credits towards completion of an Adult High School Diploma. Students will acquire the knowledge, skills, and abilities needed to successfully complete the required high school courses and earn a diploma. It is required that at least 20 (400 hours) of the total 160 (3200 hours) high school credits must be completed at Glendale Community College.
*Each ABSE course in this program has a total of 5 credits
English (40 credits): ABSE 110, 111, 112, 113, 114, 115, 116, 117.

World History (10 credits): ABSE 40, 41.

United Stated History (10 credits): ABSE 42, 43.

American Government (5 credits): ABSE 44.

Economics (5 credits): ABSE 45.

Science (includes Life and Physical Science - 20 credits): ABSE 30, 31, 32, 33.

Mathematics (includes Algebra I or higher - 20 credits): ABSE 18, 19, 23, 24, 25, 26, 28, 29, 35, 36, 37, 38.

Health (5 credits): ABSE 34.

Humanities (Art, Music, or Foreign Language - 10 credits): ABSE 149, 150.

Electives (any of the courses not taken above can be used as an elective - 35 units): ABSE 15, 146, 147, 148.

Reading Competency - One of the following:
- Pass the High School Equivalency Language Arts Exam (GED minimum score of 145, HiSET minimum score of 8)
- Score 249 or above on the CASAS Reading GOALS assessment

Writing Competency:
- Pass the High School Equivalency Language Arts/Writing Exam (GED minimum score of 145, HiSET minimum score of 2)

Mathematics Competency - One of the following:
- Pass the High School Equivalency Mathematics Exam (GED minimum score of 145, HiSET minimum score of 8)
- Score 236 or above on the CASAS Mathematics GOALS assessment