



Career Technical Education

Building Trades I

12311

Department: Career Technical Education
Graduation Requirement: Electives

Grade Level: 09-12
UC/CSU: None

Credits: 10.0
NCAA: No

This course is designed to give students a basic understanding of woodworking and the many skilled trades which residential and commercial construction utilize. An emphasis is placed on working safely with hand tools, light power tools and larger woodworking equipment. Students will design and fabricate four practical projects to gain knowledge in working with wood. Units to be covered include units of measure, shop safety, properties and selection of woods, design and construction techniques, paint/finish processes, choosing fasteners, tool maintenance, and materials purchasing.
Adopted curricular materials: Career Connections: Project Book 1

Building Trades II

12312

Department: Career Technical Education
Graduation Requirement: Electives

Grade Level: 10-12
UC/CSU: None

Credits: 10.0
NCAA: No

This course offers an extension of the Building Trades I course and is designed to expand students' knowledge of the construction industry. Advanced cabinet making and casework construction will be the primary focus of this course. Students will complete several practical projects and will design and fabricate a custom casework fixture.
Pre-requisite(s): Building Trades I with a grade of C or better and instructor approval
Adopted curricular materials: Career Connections: Project Book 2

Building Trades III

12313

Department: Career Technical Education
Graduation Requirement: Electives

Grade Level: 10-12
UC/CSU: None

Credits: 10.0
NCAA: No

This course is designed to expand students' knowledge of the construction industry by taking them through hands-on units of study. Plumbing, basic electricity, masonry, roofing and framing are units to be explored. Small-scale jobs in each of these areas will give students the breadth to complete larger residential housing units. Working in small teams, students will construct storage sheds. Students will have the opportunity to install these sheds on the clients' property.
Pre-requisite(s): Building Trades I or II with a grade of C or better and instructor approval
Adopted curricular materials: Career Connections: Project Book 3

Business Finance

12010

Department: Career Technical Education
Graduation Requirement: Mathematics

Grade Level: 12
UC/CSU: None

Credits: 10.0
NCAA: No

This course is designed for students to apply math skills to personal and business situations: keeping money records, figuring wage income, commissions, saving and investing money, figuring home and transportation expenses, taxes, sales records, and more. Homework will be assigned on a regular basis. Students completing this course will receive math credit toward graduation.

Pre-requisite(s): Mathematics I

Adopted curricular materials: Mathematics for Business and Personal Finance, McGraw-Hill Education



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Careers with Children

12606

Department: Career Technical Education

Grade Level: 11-12

Credits: 20.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This course, open to all EGUSD students, trains preschool teachers and elementary instructional aides. Students practice guidance, lesson planning and presentation, age appropriate activities and classroom management. Following pre-training, students work with a training site teacher and children to practice skills and explore classroom teaching as a career. Course qualifies students for Early Childhood Education units at local community college and alternative teacher qualification for preschool programs. Community internships may include placement in preschools, daycare centers, infant centers, elementary schools, licensed family daycare homes, and recreational settings.

Adopted curricular materials: Working with Young Children, Eighth Edition, Goodheart/Willcox

Computer Technology

12111

Department: Career Technical Education

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

Graduation Requirement: Technology Proficiency

This course focuses on computer technologies and their uses as applied to academic success. Students will learn keyboarding skills, word processing, computer operations, spreadsheets, database, library research technologies, and telecommunications. Students will be able to apply the skills learned in this course to complete assignments in other courses throughout their school career, by using the computer to conduct research, prepare papers, solve problems, and manage information.

Adopted curricular materials: Century 21 Computer Applications & Keyboarding, South Western

Digital Art/Graphic Design Production

12143

Department: Career Technical Education

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

Graduation Requirement: Technology Proficiency

This course allows students to study and practice several areas of contemporary graphic production and illustration with a strong emphasis on computer-generated art and graphics. This course is intended for art students who can work at an independent and mature level. Students will work with current software, hardware and graphic technologies and will learn about career opportunities in the graphic arts. Basic computer use and operation, as well as the basic elements of art and the principles of design, will be studied. In addition, art history, art appreciation, art criticism and judgment will be included in the course of study.

Students are strongly recommended to complete Art I and Computer Technology prior to the class.

Pre-requisite(s): Photography I with a grade of B or better and Instructor recommendation

Adopted curricular materials: Communication Through Graphic Design, Davis Publishing

Parenting and Child Development

12410

Department: Career Technical Education

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This course emphasizes the development of the child from conception through adolescence. Emphasis is on the child's physical, social, emotional, and intellectual development, including special units about child abuse and neglect, discipline, safety, and disabled children. Through observation, study, and activities students will learn to apply the theories and concepts taught. Students are expected to participate in class on a daily basis and to attend one or more off-campus observations and/or field trips.

Adopted curricular materials: The Developing Child, Goodhard-Wilcock



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Electives

Advocacy Multiple Grade Levels

14013

Department: Electives

Grade Level: 09-12

Credits: 0.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This course is designed to provide students with personalized academic guidance along with a connection between the student, teacher, counselor, and the school. Students will learn study skills that can be applied across disciplines and will receive basic academic guidance each year from their assigned advocacy teacher. This course is Pass/No Pass.

Adopted curricular materials: No textbook assigned

College and Career Seminar

07535

Department: Electives

Grade Level: 10-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

In this course, students will revisit their ten-year education and career plan that was initially developed in the Focus on College and Career course during ninth grade. Students will conduct career research including careers in high-demand as well as STEM-related careers and will explore post-secondary options by examining the costs associated with post-secondary education, admissions requirements, majors and minors, and the types of post-secondary degrees that are available. Students will also learn about financial aid and scholarship opportunities. Students will edit their ten-year education and career plan by further developing their post-secondary timeline and fine tuning transferable skills that will better prepare them for post-secondary success. This course earns elective credit.

Pre-requisite(s): Focus on College and Career with a grade of C or better

Adopted curricular materials: Get Focused, Stay Focused, Modules 1, 2, and 3, Academic Innovations

Office Assistant

07508

Department: Electives

Grade Level: 11-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This course introduces students to various tasks assigned under supervision of school personnel. The location of the work and the type of work vary and may include office work, library work, instructional support, etc. Counselors will apprise interested students of the types of aides courses offered at the school site. Juniors and seniors may be student aides for one or two semesters. No more than a total of ten credits of student aide may be used toward graduation. Student aides will be selected from among those who submitted applications with their course selection forms. Applications are available from the counseling secretary. This course is Pass/No Pass. This course may be repeated for a maximum of 10 credits.

Pre-requisite(s): 2.5 grade point average, good attendance, and completed aide application

Adopted curricular materials: No textbook assigned

Student Leadership Development

07511

Department: Electives

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This year-long course focuses on the development of interpersonal and interpersonal leadership skills. Effective oral and written communication will be studied with an emphasis on identifying and implementing effective leadership strategies. Skills such as time management, stress management, positive role modeling, effective group interactions and group facilitation skills will also be emphasized.

Adopted curricular materials: No textbook assigned



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Study Skills

07552

Department: Electives

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This course is designed to teach, develop, and support the study and technical skills which will support students' successful completion of enrolled courses of study. Content will include time and materials management, comprehension techniques such as note-taking, test preparation, and test-taking skills.

Adopted curricular materials: No textbook assigned



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English

English 10 02100

Department: English **Grade Level:** 10-12
Graduation Requirement: English **UC/CSU:** English (b) **Credits:** 10.0
NCAA: Yes

This course is designed toward integrating reading, writing, listening, and speaking, and utilizing higher order thinking skills. This course's standards-based instruction will include literature and expository writing, language mechanics and usage, and vocabulary development in meaningful contexts. Various literary and expository genres such as the short story, novel, drama, poetry, biography, and essay will be studied. Whenever possible, connections will be made between the language arts areas and the 10th grade world history course. Writing instruction, based primarily upon expository text and literature studied in the course, will center on a variety of models and writing as a process as well as writing on demand.

Adopted curricular materials: CA StudySync 10, McGraw-Hill Education

English 11 02200

Department: English **Grade Level:** 11-12
Graduation Requirement: English **UC/CSU:** English (b) **Credits:** 10.0
NCAA: Yes

This course provides an integrated language arts approach within an enriched standards-based curriculum focusing on American writers and the study of American literature. Students will examine the literature (which may include short stories, drama, poetry, novels, essays, and biographies) in the context of thematic and/or historical connections. By participating in appropriate reading, writing, and oral language activities, students will broaden their understanding of American culture and literature. This course will prepare students for critical reading and college-level writing.

Adopted curricular materials: CA StudySync 11, McGraw-Hill Education

English 12 02300

Department: English **Grade Level:** 12
Graduation Requirement: English **UC/CSU:** English (b) **Credits:** 10.0
NCAA: Yes

This course offers standards-based integrated language arts instruction designed to address the unique needs of seniors who are preparing for the transition from high school to college and/or career. Students will study representative works of world literature in the context of thematic and/or historical connections to broaden their cultural perspectives. Writing domains emphasized in the course will lend themselves to interdisciplinary topics as well. This course will prepare students for critical reading and college-level writing.

Adopted curricular materials: CA StudySync 12, McGraw-Hill Education

English 9 02000

Department: English **Grade Level:** 09-12
Graduation Requirement: English **UC/CSU:** English (b) **Credits:** 10.0
NCAA: Yes

This course is designed to address the state content standards in reading, writing, listening, and speaking in an integrated approach to English/language arts, utilizing higher order thinking skills. Instruction will include reference skills, study and test-taking skills, writing, reading expository text and literature, language mechanics and usage, and vocabulary development in meaningful contexts. This class will study various and expository literary genres including the short story, novel, drama, poetry, biography, and essay. Writing instruction, based primarily upon expository text and literature studied in the course, will center on a variety of models and writing as a process as well as writing on demand.

Adopted curricular materials: CA StudySync 9, McGraw-Hill Education



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Public Speaking I

02641

Department: English

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: Elective: English (g)

NCAA: Yes

Graduation Requirement: Speech Proficiency

This one-semester elective course is designed for students who would like to gain more poise and confidence in their communication skills. Course content may include individual speeches, such as the personal experience, demonstration, informative, persuasive and impromptu, as well as narrative speaking, oral interpretation of prose and/or poetry, original oratory, and debate. In addition, students will work on group projects that may consist of commercials, the interview, discussion groups that deal with problem solving, and original script writing for a group television program. Students may also be videotaped on occasion, utilizing that medium to critique their speeches and motivate them to become better communicators. This class will satisfy the District's Speech Proficiency requirement.

Adopted curricular materials: No textbook assigned



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Health

Health

15000

Department: Health

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Health

UC/CSU: None

NCAA: No

The course focuses on health promotion, disease prevention, and risk reduction. Units of study will include substance use and abuse, family life, nutrition, first aid/CPR (no CPR at Laguna Creek High School and limited at Valley High School), health related physical fitness, hygiene, mental health/self-esteem, and health-related careers.

Adopted curricular materials: Health, Glencoe



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History/Social Science

American Government

01310

Department: History/Social Science

Grade Level: 12

Credits: 5.0

Graduation Requirement: American Government

UC/CSU: History/Social Science (a)

NCAA: Yes

This course is designed to prepare students to assume their rights and responsibilities as citizens, which is required for graduation. To achieve this, various branches and key agencies of our government, from the local to the national level, will be studied. Civil rights, affirmative action, the ERA, and the criminal justice system will be emphasized. Resource speakers will be utilized to help students understand the major issues which affect government today and the process by which political decisions are made. Adopted curricular materials: Magruder's American Government, Pearson

Economics

01420

Department: History/Social Science

Grade Level: 12

Credits: 5.0

Graduation Requirement: Economics

UC/CSU: Elective: History/Social Science (g)

NCAA: Yes

This course introduces the basic principles of all economic systems with special emphasis on a market-based system. This course is required for graduation. Specific topics include the basic principles of decision-making, scarcity, opportunity, cost, and the principles of supply and demand. These principles are examined from individual, national, and international perspectives. This course is designed to give students the necessary tools to analyze their own personal decision making as well as to evaluate the decisions of an individual firm, or the nation as a whole. Adopted curricular materials: Economics, Principles in Action, Pearson

US History

01210

Department: History/Social Science

Grade Level: 11-12

Credits: 10.0

Graduation Requirement: US History

UC/CSU: History/Social Science (a)

NCAA: Yes

This course focuses on the study of modern American history, in accordance with the state framework. This is an 11th grade social science course. The class begins with a review of United States history from the nation's beginnings to the start of the 20th century. Connecting with past learning will highlight the initial segment of the class. The primary focus of the course will be 1900 America to the present. Students will participate in the examination of: the Progressive Era, the Jazz Age, world wars and cold wars, depression, civil rights, Watergate, and America today. An in-depth investigation of historical events and periods, the fostering of multicultural awareness, the recognition of ethical, civic, and democratic values present in American history, and the development of a historical perspective in relation to contemporary events represent the major aspects of the course. Literature, music, art, primary readings, videos, simulations and other activities will be used to enhance the subject. Adopted curricular materials: American Anthem: Modern American History, Holt/Rinehart/Winston

World Geography

01010

Department: History/Social Science

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Geography

UC/CSU: History/Social Science (a)

NCAA: Yes

This course introduces students to the world's geographic regions and allows them to relate that knowledge to events in today's rapidly changing world. Contemporary issues confronting the world today, such as world trade, problems of developing nations, urbanization, environmental pollution, and conservation of the world's resources are addressed. Students develop certain basic geography skills. These include map reading and place name identification along with the interpretation of charts and diagrams. As students gain a global perspective of geography, they become increasingly aware of their role as a global citizen today. Adopted curricular materials: World Geography & Cultures, Glencoe



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World History

01110

Department: History/Social Science

Grade Level: 10-12

Credits: 10.0

Graduation Requirement: World History

UC/CSU: History/Social Science (a)

NCAA: Yes

This course explores how the connection between the past and the future will continue to form our lives. In World History, students again recognize the growing interdependence of people and cultures throughout the world. Students examine major turning points in the shaping of the modern world from the late eighteenth century to the present. Literature is incorporated to shed light on the life and times of the people and helps explain how and why things turned out as they did in the world today. Adopted curricular materials: Modern World History: Patterns of Interaction, McDougal Littell



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Mathematics

Applied Mathematics

03019

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics

UC/CSU: Mathematics (c)

NCAA: No

This year-long college-preparatory course supports key Mathematics I standards and introduces key Mathematics II standards. Designed for students who seek a better grasp of mathematical concepts before enrolling in Mathematics II, this course makes explicit connections between the Standards for Mathematical Practice and the Content Standards through performance tasks and project-based learning. This course prioritizes the usefulness in learning mathematics as students apply their knowledge using a variety of avenues such as surveys and art.

Pre-requisite(s): Mathematics I

Adopted curricular materials: No textbook assigned

Mathematics I

03015

Department: Mathematics

Grade Level: 08-12

Credits: 10.0

Graduation Requirement: Mathematics I

UC/CSU: Mathematics (c)

NCAA: Yes

This course is the first course in a series of three that uses an integrated approach to cover the following domains: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. The problem situations, models, and technology used will foster connections to the eight standards of mathematical practice, which develop concepts from multiple perspectives.

Mathematics I topics focus on the interconnectedness of function elements, tables, graphs, and equations; comparison and contrast and decision-making using Algebraic models; proving Geometric theorems about two-dimensional figures; and modeling using mathematical probability. Technology will be used to introduce and expand upon all areas of focus.

Adopted curricular materials: Integrated Mathematics 1, Houghton-Mifflin Harcourt

Mathematics I A

03012

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: Elective: Mathematics (g)

NCAA: Yes

This 10-credit course is the first in a two-part course which integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I B, these two courses are the equivalent of Mathematics I. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice which develop conceptual understanding from multiple perspectives. Mathematics I A topics focus on the interconnectedness of function elements, tables, graphs, and equations; comparing and contrasting and decision-making using Algebraic models, and modeling using mathematical probability. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I A. This course earns five elective credits and five mathematics credits.

Adopted curricular materials: Integrated Mathematics 1, Volume 1; Houghton Mifflin Harcourt

Mathematics I B

03013

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Mathematics I

UC/CSU: Mathematics (c)

NCAA: Yes

This 10-credit course is the second in a two-part course which integrates the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics. Coupled with Mathematics I A, these two courses are the equivalent of Mathematics I. The problem situations, models, and technology used will foster connections to the eight Standards for Mathematical Practice which develop conceptual understanding from multiple perspectives. Mathematics I B topics focus on exponential relationships, geometric transformation and congruence, the properties of lines, angles, and triangles, along with the applications of these properties; and quadrilaterals and coordinate proof. In addition, students will be provided with online and in-class intervention to fill in any gaps in mathematical knowledge needed for success in Mathematics I B. This course earns five elective credits and five math credits.

Pre-requisite(s): Mathematics I A

Adopted curricular materials: Integrated Mathematics 1, Volume 2; Houghton Mifflin Harcourt

UC/CSU = College Approved, Grad Req = Graduation Requirement, NCAA = Student Athletes Eligible Course



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Mathematics I Support

03016

Department: Mathematics

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This course is designed for the Mathematics I student who is performing below grade level due to learning gaps. The content taught in this course aligns with the Mathematics I scope and sequence and provides students with the opportunity to receive additional instruction in standards that are essential to success in high school math. Students will be provided with both online and in-class intervention to support mastering the Mathematics I standards along with standards from previous grade levels.

Co-requisite: Concurrent enrollment in Mathematics I

Adopted curricular materials: ST Math or IXL Math (digital / on-line curriculum)



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Science

Biology

04100

Department: Science

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Life Science

UC/CSU: Science (d)

NCAA: Yes

This laboratory course is designed as a general survey of living organisms. This course starts with coverage of the substances and processes common to all living things and ends with the complex relationships that exist between organisms and the environment. An emphasis is placed on lab work. Current technology and career topics will be included. Homework consisting of reading, writing, lab reports, etc. will be assigned.

Pre-requisite(s): General Science

Note: Incoming freshman students only who have completed Honors Science 8 with a grade of C or better and Mathematics 8 or higher with a grade of C or better.

Adopted curricular materials: Biology, Dynamics of Life, Glencoe

General Science

04030

Department: Science

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Physical Science

UC/CSU: Elective: Science (g)

NCAA: Yes

This course includes earth science, geology, meteorology, astronomy, oceanography, chemistry, forces, work, energy, waves, alternate energy sources, and nuclear energy. Students are expected to work in both lab and lecture situations. Homework consisting of reading, writing, lab reports, etc. will be assigned. This course meets the physical science requirement for CSU admission, not UC.

Adopted curricular materials: Earth Science, Prentice Hall



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Visual/Performing Arts

Art I 06010

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 10.0

Graduation Requirement: Visual/Performing Arts

UC/CSU: Visual/Performing Arts (f)

NCAA: No

This course introduces students to the fundamentals of drawing, painting, sculpture, print making, art history, art appreciation and aesthetic judgment. Prior experience in art is not necessary to enroll in this course. Projects in the class will emphasize the elements and principles of design and the technical skills of drawing, painting, and sculpture. Student projects may include the use of glass etching, charcoal, ink, pastels, tempera, watercolor, and plaster. Printmaking projects may include linoleum block prints, silk screen painting, and dry point etching.

Adopted curricular materials: Discovering Drawing, Davis Publishing

Digital Photo 06603

Department: Visual/Performing Arts

Grade Level: 09-12

Credits: 5.0

Graduation Requirement: Electives

UC/CSU: None

NCAA: No

This course explores the history of traditional and digital photography, composition, elements of art, principles of design, cameras, computer software such as Adobe Photoshop, visualization of imagery, creative options, secrets of scanning, basic darkroom type techniques, subject treatment, and the publishing of images. This is a basic course in the art of digital photography. Students will be introduced to terminology as well as development of aesthetic judgment.

Adopted curricular materials: No textbook assigned