

HISTORY/ SOCIAL SCIENCE

UC/CSU APPROVED COURSES

Area A REQUIREMENT: Two years to include US and World History, required for UC/CSU.

WORLD HISTORY

UC/CSU: Fulfills A requirement

Grades: 10

Credits: 10

Prerequisites: None.

Content: This is a yearlong course that is a requirement for graduation and also meets the A through G requirements for entrance to the CSU/UC system. Students will examine the major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They will trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. This course also uses SDAIE strategies that include, but are not limited to, the use of visuals, vocabulary development, small group activities and scaffolding. Students will also develop an understanding of current world issues and relate them to their historical, geographic, political, economic and cultural contexts.

Honors WORLD HISTORY

UC/CSU: Fulfills A requirement

Grades: 10

Credits: 10

Prerequisites: Must have an overall GPA of 3.0 or better in the freshman classes as determined by semester report cards. Teacher and/or counselor recommendation is required.

Content: This is a yearlong course that is a requirement for graduation and also meets the A through G requirements for entrance to the CSU/UC system. Students will examine the major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They will trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. This course also uses SDAIE strategies that include, but are not limited to, the use of visuals, vocabulary development, small group activities and scaffolding. Students will also develop an understanding of current world issues and relate them to their historical, geographic, political, economic and cultural contexts. Students are expected to exhibit more advanced skills in reading, writing and speaking. Because of the increased rigor and higher expectations in this class, students earning a C, B or A in the class will receive a higher grade point for those grades. This class is intended to prepare students for success in A.P. U.S. History.

U.S. HISTORY

UC/CSU: Fulfills A requirement

Grades: 11

Credits: 10

Prerequisites: None.

Content: U.S. History is a yearlong course that is a requirement for graduation and also meets the A through G requirements for entrance to the CSU/UC system. Students will study the major turning points in United States History in the 20th century following a review of the nation's beginnings. This course also uses SDAIE strategies that include, but are not limited to, the use of visuals, vocabulary development, small group activities and scaffolding. The major topics covered are: birth of the nation and the philosophy of government in the Declaration of Independence, industrialization and immigration, the role of religion in U.S. history, the rise of the United States as a world power, World War I, the 20's, the Great Depression and The New Deal, World War II and current political, social and economic issues facing the country since 1945.

U.S. HISTORY-AP

UC/CSU: Fulfills A requirement

Grades: 11

Credits: 10

Prerequisites: Parent/Student signatures acknowledging registration in this course, must have an overall GPA of 3.0 or better and counselor and teacher recommendation from Honors World History or P-World History teacher.

Content: U.S. History AP is a course designed for college bound students who want a challenging and rigorous alternative to the regular U.S. History course taught at GHS, to meet. U.S. History AP surveys the period beginning with the European settlement of the New World and ends with international affairs and domestic changes in the post 1945 period to the present. The course is designed to provide an overview of history and provide students with analytical skills and factual knowledge necessary to deal critically with the major issues in U.S. History. Students will learn to reach conclusions based on historical fact and present evidence clearly and persuasively in essay format. Students will be prepared for and required to take the AP U.S. History Exam in the spring. Students scoring well may earn college credit or advanced placement in college. Students who do not take the exam will have their transcript amended.

U.S. GOVERNMENT & POLITICS

UC/CSU: Fulfills A requirement

Grades: 12

Credits: 5

Prerequisites: None.

Content: A one semester, senior course fulfilling A-G requirements, and is required for graduation. U.S. Gov. and Politics provides students a perspective including both the study of general concepts used to interpret U.S. politics and the analysis of specific examples vis-à-vis current events. This course also uses SDAIE strategies that include, but are not limited to, the use of visuals, vocabulary development, small group activities and scaffolding. Students successfully completing this course will know important facts, concepts and theories pertaining to U.S. government and politics, understand typical patterns of political processes and behavior and their

consequences, and be able to analyze and interpret basic data relevant to U.S. government and politics.

U.S. GOVERNMENT & POLITICS-AP

UC/CSU: Fulfills A requirement

Grades: 12

Credits: 5

Prerequisites: Parent/Student signatures acknowledging registration in this course, must have an overall GPA of 3.0 or better and counselor and teacher recommendation from previous A.P. U.S. History or P-U.S. History teacher.

Content: This AP course will provide students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret US politics and the analysis of specific examples. It also requires familiarity with various institutions, groups, beliefs, and ideas that constitute US politics. Students successfully completing this course will: know important facts, concepts and theories pertaining to U.S. government and politics, understand typical patterns of political processes and behavior and their consequences, and be able to analyze and interpret basic data relevant to U.S. government and politics. Students will be prepared for and required to take the AP Exam in the spring. Students scoring well may earn college credit or advanced placement in college. Students who do not take the exam will have their transcript amended.

ECONOMICS

UC/CSU: Fulfills G requirement

Grades: 12

Credits: 5

Prerequisites: None.

Content: This is a one semester course that is required for all seniors to meet GHS graduation requirements. The course focuses on understanding fundamental economic concepts and application of the tools, including graphs, statistics and equations, the basic economic principles of micro and macro economics, international economics, comparative economic systems, measurements and methods. Students will also have an understanding of operations and institutions of various economic systems.

ECONOMICS-HONORS

UC/CSU: Fulfills G requirement

Grades: 12

Credits: 5

Prerequisites: Parent/Student signatures acknowledging registration in this course, must have an overall GPA of 3.0 or better and counselor and teacher recommendation from previous A.P. U.S. History or P-U.S. History teacher.

Content: This semester course fulfills the requirement to meet GHS graduation requirements. The course focus areas are the same as Economics, but students will be expected to move at a faster pace. They will have an understanding of fundamental economic concepts and application of the tools, including graphs, statistics and equations, the basic economic principles of micro and

macro economics, international economics, comparative economic systems, measurements and methods. Students will also have the opportunity to choose to prepare for the AP exam in Economics, Micro or Macro emphasis.

ENGLISH LANGUAGE ARTS

UC/CSU APPROVED COURSES

Area B REQUIREMENT: Four years of English, required for UC/CSU

ENGLISH LANGUAGE ARTS 1

UC/CSU: Fulfills B requirement

Grades: 9

Credits: 10

Prerequisites: None

Content: English I focuses on mastery of the Common Core State Standards in Reading, Writing, Listening and Speaking, with emphasis on Essential Standards as identified by the Gonzales High School Language Arts Department. This course uses literary analysis to sharpen students' critical and analytical thinking, and exploration of different writing styles. Freshmen analyze short stories, expository pieces, poetry, novels, and drama as they read, write, and collaborate. Core curriculum is supplemented with additional vocabulary generated from college entrance study guides and recommendations by the California Department of Education.

ENGLISH LANGUAGE ARTS 2

UC/CSU: Fulfills B requirement

Grades: 10

Credits: 10

Prerequisites: None

Content: This year-long course focuses on the California High School Exit Exam and mastery of the Common Core State Standards in Reading, Writing, Listening and Speaking, with emphasis on Essential Standards as identified by the Gonzales High School Language Arts Department, and. This course uses literary analysis to sharpen students' critical and analytical thinking, and exploration of different writing styles. Sophomores analyze short stories, expository pieces, poetry, novels, and drama as they read, write, and collaborate. Core curriculum is supplemented with additional vocabulary generated from college entrance study guides and recommendations by the California Department of Education.

ENGLISH LANGUAGE ARTS 2-HONORS

UC/CSU: Fulfills B requirement

Grades: 10

Credits: 10

Prerequisites: Parent/Student signatures acknowledging registration in this course, must have an overall GPA of 3.0 or better and counselor and teacher recommendation from previous English class.

Content: This course focusing on the California High School Exit Exam and mastery of the tenth-grade Common Core State Standards in Reading, Writing, Listening and Speaking, with emphasis on Essential Standards as identified by the Gonzales High School English Language Arts Department. This course uses literary analysis to sharpen students' critical and analytical thinking, and exploration of different writing styles. Sophomores analyze novels, short stories, expository pieces, poetry, and drama as they read write and collaborate. Core curriculum is supplemented with additional vocabulary generated from college entrance study guides and recommendations by the California Department of Education. ELA 2 Honors is designed with greater rigor, depth of analysis, writing and reading. For example, Honors students will read assigned texts at a higher reading level and write to greater length.

**Assigned summer and winter reading are to be expected with this course.*

ENGLISH LANGUAGE ARTS 3

UC/CSU: Fulfills B requirement

Grades: 11

Credits: 10

Prerequisites: None

Content: English Language Arts 3 focuses on mastery of the Common Core State Standards in reading, writing, and speaking & listening. This course seeks to sharpen student's critical and analytical thinking through the exploration and application of different writing styles. Students will explore American literature through novels, short stories, expository pieces, poetry, and drama. Core curriculum is supplemented with additional vocabulary intended to prepare students for the SAT and ACT college tests. Students will also prepare for taking college placement tests for CSUs and California community colleges in the spring.

ENGLISH LANGUAGE ARTS 3-HONORS

UC/CSU: Fulfills B requirement

Grades: 11

Credits: 10

Prerequisites: Parent/Student signatures acknowledging registration in this course, must have an overall GPA of 3.0 or better and counselor and teacher recommendation from previous English class.

Content: Honors English Language Arts 3 focuses on mastery of the Common Core State Standards in reading, writing, and speaking & listening. This course seeks to sharpen student's critical and analytical thinking through the exploration and application of different writing styles. Students will explore American literature through novels, short stories, expository pieces, poetry, and drama. Core curriculum is supplemented with additional vocabulary intended to prepare

students for the SAT and ACT college tests. Students will also prepare for taking the Early Placement Test for CSUs and community colleges in the spring.

**Honors English Language Arts 3 is designed with greater rigor and depth of analysis, and higher expectations of writing and reading. A greater workload and faster pacing, along with summer and winter reading assignments, are to be expected in this course.*

ENGLISH LANGUAGE ARTS 4

UC/CSU: Fulfills B requirement

Grades: 12

Credits: 10

Prerequisites: None

Content: ELA 4 (Expository Reading and Writing Course)

The goal of the Expository Reading and Writing Course is to prepare seniors for the literacy demands of higher education. Through a sequence of rigorous instructional modules, students in this rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They will read closely to examine the relationship between an author's argument or theme and his or her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine the social, political, and philosophical assumptions that underlie the text. By the end of the course, students will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other nonfiction texts.

AP English Language and Composition

UC/CSU: Fulfills B requirement

Grades: 12

Credits: 10

Prerequisites: Parent/Student signatures acknowledging registration in this course, must have an overall GPA of 3.0 or better and counselor and teacher recommendation from previous English class. Successful completion of ELA CAHSEE.

Content: An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing.

Assigned summer and winter reading will be assigned. Students are required to take the AP English Language and Composition test in the spring. A passing score can earn students college credit.

READ 180

UC/CSU: Non college-prep; approved for graduation credit

Grades: 9-10

Credits: 10

Prerequisite: Eligibility determined by assessment

Content: Read 180 is an intensive reading intervention program designed to help students make measurable gains in reading achievement. The instruction includes reading skills, vocabulary development, writing and grammar skills, and “real-life” functional reading skills. This course includes whole-group and small-group instruction with targeted support from a technology component.

CAHSEE ENGLISH SUPPORT

UC/CSU: Non college-prep; approved for graduation credit

Grades: 11-12

Credits: 5, may be repeated for credit

Prerequisite: Non-passing Score on CAHSEE or recommendation of counselor.

Content: This course is intended for junior and senior students who have not passed the English portion of the California High School Exit Exam. The course will include review of reading and writing strategies, and students will have the opportunity to take several practice tests. This course does not fulfill the English requirement for graduation, nor does it meet the A-G requirement in English.

ENGLISH LANGUAGE DEVELOPMENT

ONLY ELD 3

MEETS UC/CSU **B** REQUIREMENT

ELD students must complete at least 10 credits of English Language Arts (see previous department) beyond ELD 3

Four years of English Language Arts are required for graduation.

All ELD courses are for non-native speakers of English, grades 9-12. All entering non-native English speakers will take the California English Language Development Test (CELDT) to determine placement. Progression between levels is based on the student’s annual CELDT score and teacher recommendation.

ENGLISH LANGUAGE DEVELOPMENT 1

UC/CSU: Non college-prep; approved for graduation credit

Grades: 9 - 12

Credits: 10

Prerequisite: CELDT placement test; current ELA teacher recommendation

Content: This course offers standards-based instruction in the development of listening, speaking, reading and writing for the beginning level English learner. Students learn high frequency words, phonic skills, and decoding strategies, then apply them to decodable text. ELD 1 addresses the fundamentals of writing, from sentences to an expository paragraph. Students enrolled in this level will take ELD two periods per day. Students learn to use English effectively in both social and academic settings.

ENGLISH LANGUAGE DEVELOPMENT 2

UC/CSU: Non college-prep; approved for graduation credit

Grades: 9 - 12

Credits: 10

Prerequisite: CELDT placement test; current ELA teacher recommendation

Content: This course offers standards-based instruction in the development of listening, speaking, reading and writing for the early intermediate English Learner. Students will receive instruction in the areas of vocabulary, reading strategy, comprehension & critical thinking, literary analysis, writing, grammar and language functions. Students continue to build reading power and writing skills through increasingly more difficult reading selections and writing assignments. Students enrolled in this level will take ELD two periods a day.

ENGLISH LANGUAGE DEVELOPMENT 3

UC/CSU: Fulfills B requirement

Grades: 9 - 12

Credits: 10

Prerequisite: CELDT placement test; current ELA teacher recommendation

Content: This course offers standards-based instruction in reading and language arts for the intermediate level English Learner. Students will continue development of English language listening, speaking, reading and writing skills. Students will receive instructions in the areas of vocabulary, reading strategies, comprehension & critical thinking, literary analysis, writing, and grammar and language functions. Students continue to build reading power and writing skills through increasingly more difficult reading selections and writing assignments. Students are enrolled in ELD 3 for one period. ELD 3 meets requirements for admission to the University of California.

TRANSITIONAL WRITING

UC/CSU: Non college-prep; approved for graduation credit

Grades: 10 - 12

Credits: 10

Prerequisite: Previous ELL student transitioning to mainstream ELA courses. Placement based on multiple criteria

Content: This course offers standards-based instruction in writing and language arts for the intermediate level English learner. The course is designed to sustain students who have transitioned to a regular English Language Arts course and need continued support for success. In addition, the class will have an emphasis on the CCSS (Common Core State Standards) in Writing: Written Conventions and Writing Strategies. Students will also receive instruction in the areas of vocabulary, critical thinking, literary analysis, writing, grammar, and language functions. Students may be concurrently enrolled in ELD or Language Arts for one period.

MATHEMATICS

UC/CSU APPROVED COURSES

Area C REQUIREMENT: Three years of Mathematics, starting with Algebra 1, required for UC/CSU

Mathematics I

UC/CSU: Fulfills C requirement

Grades: 9 - 12

Credits: 10

Prerequisites: None

Content: In Math I students will investigate relationships between quantities and algebraic expressions, algebraic equations, and functions. Students will write and solve equations and inequalities in two variables, and work with systems of linear equations. Students will gain an understanding of arithmetic and geometric sequences involving real life applications of equations, tables, graphs. In addition, student will learn constant vs. ratio, decreasing vs. increasing, and rates of growth between terms. Students will also use arithmetic and geometric terms to identify missing terms, rate of change, and recursive and explicit equations. Students will identify rates of change and compare the growth of linear and exponential function. In addition, students will interpret the solution to exponential and linear equations. Students will establish by proof and use the congruence theorems: ASA, SAS and SSS. Students will use the Cartesian coordinate plan to connect algebra to geometry. Students will use transformations to investigate parallel lines, perpendicular lines and functions. Students will analyze data and use statistics to describe the attributes of the data. Students will work with linear modes to develop an understanding of linear regression, correlation coefficients and residual plots.

GEOMETRY

UC/CSU: Fulfills C requirement

Grades: 9 - 12

Credits: 10

Prerequisites: Successful completion of Algebra 1 or teacher recommendation

Content: The content is based on the traditional topics of Geometry; deductive reasoning and formal proofs, parallel lines and parallelograms, congruent and similar triangles, circles, constructions, coordinates, right triangles, area and volume. The course is in line with the Common Core State Standards.

ALGEBRA 2

UC/CSU: Fulfills C requirement

Grades: 9 - 12

Credits: 10

Prerequisites: Successful completion of Geometry or teacher recommendation

Content: Students further their understanding of algebraic concepts and skills and use those skills in problem solving. Students will explore the use of coordinates and functions, transformations, coordinate geometry, conic sections, systems of equations and inequalities, direct and inverse variation, exponential functions, quadratic functions and complex numbers, polynomial and

rational functions. The course will also preview trigonometric functions, ratios and linear programming. The course is in line with the Common Core State Standards.

MATH ANALYSIS/ TRIGONOMETRY

UC/CSU: Fulfills C or G requirement

Grades: 11 - 12

Credits: 10

Prerequisites: Successful completion of Algebra II. A grade of B or better is strongly recommended.

Content: This college-prep course will give the student a background in basic statistics, plane trigonometry, and problem-solving involving trigonometry. Topics include the finding the six basic trigonometric functions in exact and approximate forms, their inverses, use of trig identities including half and double angle formulae, the law of sines and law of cosines applied to triangles, graphing the six basic trigonometric functions, polar coordinates, and complex numbers in polar form. The course also features application problems using many of these concepts.

CALCULUS - AP

UC/CSU: Fulfills C or G requirement

Grades: 11 - 12

Credits: 10

Prerequisites: Successful completion of Math Analysis/Trigonometry. A grade of B or better is strongly recommended. Handheld graphing calculator strongly recommended.

Content: The course follows the course guidelines for AP Calculus (AB). It includes axioms of real numbers and definition of limits, differential calculus and applications, integral calculus and applications, and plane and solid analytic geometry. If time permits, additional topics will be covered, such as calculus of vectors in two and three dimensions, sequences, series and approximations, and elementary differential equations. Students will be required to take the AP exam in the spring.

BUSINESS MATH

UC/CSU: Non college-prep; approved for graduation credit

Grades: 12

Credits: 10

Prerequisite: This class is NOT an elective and can only be taken by seniors that need a third year of math credit and have not met the prerequisites for Algebra II.

Content: This is a problem-solving course, which will encourage students to utilize their logic and previous Algebra skills. Some content areas included are: diagramming, basic probability, number sequences, unit conversions, and Venn diagrams. Also, basic consumer math skills will be taught, such as: computing percentages, banking skills, budget analysis, and purchasing.

CAHSEE MATH SUPPORT

UC/CSU: Non college-prep; approved for graduation credit

Grades: 11-12

Credits: 10

Prerequisite: Non-passing Score on CAHSEE or recommendation of counselor.

Course Content: This course is intended for students who have not passed the mathematics portion of the exit exam. The course will include review of arithmetic skills as well as a review of Algebra I. This course does not fulfill the State's requirement that all students take an Algebra I course. Students should not be enrolled in this class until they have first attempted Algebra I.

Probability and Statistics

(Pending Approval)

Grades: 11-12

Credits: 10

Prerequisites: Completion of Math II or Algebra II with a “C” or better.

Course Content: This course analyzes and interprets categorical and quantitative data. It examines data through both single and multiple measured variables. Data is used to make inferences and conclusions looking at the random process of statistical experiments. The shape of a data distribution might be described as symmetric, skewed, flat, or bell shaped, and it will be summarized by a statistical measuring center (such as mean or median) and a statistic measuring spread (such as standard deviation or interquartile range). Both conditional probability and the rules of probability are used to interpret data and develop mathematical models. Probability is used to calculate expected values, evaluate outcomes of decisions, and solve problems. Technology plays an important role in statistics and probability by making it possible to generate plots, regression functions, correlation coefficients, and to simulate many possible outcomes in a short amount of time.

Integrated Math II

(Pending Approval)

Grades: 10-12

Credits: 10

Prerequisite: Completion of Math I, Math 1B, or Algebra I with a “C” or better.

Course Content: The Integrated Math II course is split into 9 parts. The first half of the course covers algebra through quadratics in depth. It looks at multiple representations of quadratics, features of graphing quadratics, solving and interpreting quadratic equations, and looking at features of quadratics through problem solving practices. Quadratic, linear, and exponential functions are compared in multiple forms and representations. The second half of the course takes a geometric approach to shapes and figures. The focus is on triangles and circles in all of their properties. Transformations and dilations are used to develop arguments, conjectures and proofs. Trigonometry is examined in terms of functions, proportionality, scaling, and similarity. The pythagorean theorem and properties of circles are constructed while writing and deriving equations with real world contexts. Finally the course wraps up with a study of probability. Data is viewed and organized in venn diagrams, two-way tables, and various representations of probability and conditional probability. The design of Math II follows a constructivist Common Core model followed from foundations established in Integrated Math I.

Integrated Math IA

(Pending Approval)

Grades: 9-12

Credits: 10

Prerequisite: None

Course Content: In Math I students will investigate relationships between quantities and algebraic expressions, algebraic equations, and functions. Students will write and solve equations and inequalities in two variables, and work with systems of linear equations. Students will gain an understanding of arithmetic and geometric sequences involving real life applications of equations, tables, graphs. In addition, student will learn constant vs. ratio, decreasing vs. increasing, and rates of growth between terms. Students will also use arithmetic and geometric terms to identify missing terms, rate of change, and recursive and explicit equations. Students will identify rates of change and compare the growth of linear and exponential function. In addition, students will interpret the solution to exponential and linear equations. There is a particular pedagogical focus on developing mathematical skills through varied resources and classroom discussion.

Integrated Math IB

(Pending Approval)

Grades: 9-12

Credits: 10

Prerequisite: None

Course Content: Students will establish by proof and use the congruence theorems: ASA, SAS and SSS. Students will use the Cartesian coordinate plan to connect algebra to geometry. Students will use transformations to investigate parallel lines, perpendicular lines and functions. Students will analyze data and use statistics to describe the attributes of the data. Students will work with linear modes to develop an understanding of linear regression, correlation coefficients and residual plots. There is a particular pedagogical focus on developing mathematical skills through varied resources and classroom discussion.

SCIENCE

UC/CSU APPROVED COURSES

Area D REQUIREMENT:Two years of Laboratory Science (1 year of Life Science and 1 year of Physical Science) are required for UC/CSU, three years are recommended.)

BIOLOGY I

UC/CSU: Fulfills D requirement/Life Science

Grades: 9 -10

Credits: 10

Prerequisites: Must be concurrently enrolled in Math 1 and Language Arts 1(Not Math 1A, B or Read 180).

Course Content: Biology is a laboratory-based course that is aligned with Common Core Standards for Life Science. The course explores a wide range of topics within each of its four thematic units:

- Structures and Processes of Living Organisms
- Energy and Dynamics of Ecosystems
- Inheritance and variation of traits
- Unity and diversity of living organisms

AGRICULTURAL BIOLOGY

UC/CSU: Fulfills D requirement/Life Science

Grades: 9-10

Credits: 10

Prerequisites: Must be concurrently enrolled in Math 1 and Language Arts 1(Not Math 1A, B or Read 180).

Content: Agricultural Biology is a laboratory-based course that is aligned with Common Core Standards for Life Science. Using agriculture as the leaning vehicle, the course explores a wide range of topics within each of its four thematic units:

- Structures and Processes of Living Organisms
- Energy and Dynamics of Ecosystems
- Inheritance and variation of traits
- Unity and diversity of living organisms

CHEMISTRY

UC/CSU: Fulfills D requirement/Physical Science

Grades: 11-12

Credits: 10

Prerequisites: Successful completion of two years of college prep science, concurrent enrollment in Math II or higher math course.

Content: Chemistry is a laboratory and lecture course that provides an in-depth study of matter and its properties. This course studies the facts, formulas and principles of chemistry as well as their underlying concepts. There is an emphasis on the development of critical thinking and problem solving skills. Students must have adequate reading, writing, and mathematical skills. This course in line with the Common Core State Standards.

AGRICULTURAL CHEMISTRY

UC/CSU: Fulfills D requirement/Physical Science

Grades: 11-12

Credits: 10

Prerequisites: Successful completion of two years of college prep science, at least one year in Agriculture.

Content: Agriculture Chemistry is a laboratory science course designed for the college bound student with career interests in agriculture. Students will be involved in hands on laboratory study and receive an in-depth look at various concepts in chemistry including: chemistry and its relationship to agriculture, matter and energy, the periodic table, bonding, chemical reactions, moles, gases and gas laws. This course is in line with the Common Core State Standards.

PHYSICS

UC/CSU: Fulfills D requirement/Physical Science

Grades: 10-12

Credits: 10

Prerequisites: Concurrent enrollment in Geometry, grade of C or better in Biology and Math 1 or instructor recommendation

Content: Chemistry is a laboratory and lecture course that provides an in-depth study of matter and its properties. This course studies the facts, formulas and principles of chemistry as well as their underlying concepts. There is an emphasis on the development of critical thinking and problem solving skills. Students must have adequate reading, writing, and mathematical skills. This course is in line with the Common Core State Standards.

AP ENVIRONMENTAL SCIENCE

UC/CSU: Fulfills D requirement

Grades: 10-12

Credits: 10

Prerequisites: Parent/Student signatures acknowledging registration in this course, Grade of C or better in life/physical college prep science and attendance at course meeting in the spring prior to enrollment.

Content: This course is a laboratory-based, interdisciplinary course that includes the fields of ecology, biology, ocean and atmospheric sciences, climatology, chemistry, geology, physics, toxicology, geography, economics, politics, and ethics. This course is designed to be the equivalent of a college environmental science course in the wide range of topics studied, and in the depth, specificity and detail of course material. The course culminates with taking the National College Board AP Exam which can result in college credit.

ENVIRONMENTAL SCIENCE

UC/CSU: Fulfills D requirement

Grades: 11-12

Credits: 10

Prerequisite: This class is designed for students that have not met the prerequisites for a college-prep science course and require a third year of science.

Content: This Senior Environmental Science is a non-AG science elective course. It is designed to allow all students the opportunity to meet the Gonzales High School graduation requirement of three years of science credits. The course focuses on the study of ecology as a basis for learning and practicing all the various disciplines and California Science Content Standards of Earth Systems, Biology and Chemistry. This is a non-college preparatory class.

FOREIGN LANGUAGE

UC/CSU APPROVED COURSES

Area E REQUIREMENT: Two years of the same language other than English (LOTE) required for UC/CSU. Three years is highly recommended for UC.

SPANISH I

UC/CSU: Fulfills E requirement

Grades: 9 - 11

Credits: 10

Prerequisites: None, intended for students with no prior experience speaking Spanish

Content: The emphases of this course are to learn to understand and speak Spanish on a basic level, to deal with practical situations often encountered in the Spanish-speaking world, and to learn about cultural differences, vocabulary, correct sentence structure, and grammar.

SPANISH II

UC/CSU: Fulfills E requirement

Grades: 9 - 12

Credits: 10

Prerequisites: Successful completion of Spanish I or instructor approval.

Content: Students continue the skill building process begun in Spanish I. Students are encouraged to speak Spanish in class and practice their speaking, listening, reading, and writing skills. In this class students are introduced to most of the language's grammatical structures. The focus is on learning through interactive activities using games, skits, technology and more to engage the students.

SPANISH for SPANISH SPEAKERS-1

UC/CSU: Fulfills E requirement

Grades: 9 - 11

Credits: 10

Prerequisites: Intended for Spanish Speakers with no formal education in their native language, must take a written assessment

Content: Students continue the skill building process begun in Spanish for Spanish Speakers I. Students will elevate their Spanish speaking and listening skills and practice their reading, and writing skills, with emphasis on grammar. In this class students are introduced to most of the language's grammatical structures. The focus is on learning through interactive activities using games, skits, technology and more to engage the students.

SPANISH for SPANISH SPEAKERS-2

UC/CSU: Fulfills E requirement

Grades: 9 - 12

Credits: 10

Prerequisites: Successful completion of Spanish for Spanish Speakers 1 or instructor approval.

Content: Students continue the skill building process begun in Spanish for Spanish Speakers I. This course uses literary analysis to sharpen students' critical and analytical thinking in Spanish, and exploration with writing. Students read Spanish literature including short stories, expository

pieces, and poetry to further develop cultural literacy and language fluency. Students will have the option to prepare to take the AP Spanish Language exam.

SPANISH III

UC/CSU: Fulfills E or G requirement

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of two years of high school Spanish or instructor approval.

Content: The focus of the course is on speaking and understanding Spanish in different situations and exploring various cultural subjects and traditions. All skills are enhanced through selected readings, and written and oral projects that prepare students for further language study, travel abroad and becoming bilingual. The majority of class time is spent in the target language.

AP Spanish Language

UC/CSU: Fulfills E or G requirement

Grades: 11 - 12

Credits: 10 w/ weighted GPA

Prerequisites: Successful completion of Spanish 3, Spanish for Spanish Speakers 2 or instructor approval.

Content: This course is a continuation of the study of Spanish language and culture with additional preparation for the AP Spanish language exam. There is enhancement of higher level speaking, listening, grammar, reading and composition. The class format is full immersion in the Spanish language. Students will be prepared for and expected to take the AP Spanish Language Exam in the spring. Students scoring well may earn college credit or advanced placement in college.

VISUAL and PERFORMING ARTS

UC/CSU APPROVED COURSES

Area F REQUIREMENT: One year long course of Visual or Performing Arts required for UC/CSU

BEGINNING ART I-2

UC/CSU: Fulfills F requirement

Grades: 9 - 12

Credits: 10

Prerequisites: None, but students should have a desire to explore and practice art

Content: Recommended as an introductory course to all other visual arts classes. This beginning course in art fundamentals emphasizes the use of the elements and principles of design in the creation of art. Students use formal critique processes with written analysis of aesthetics, historical art, and cultural perspectives. Specific projects in drawing and painting provide students structure to build technical skills while challenging them to express individual creativity. This year long course emphasizes drawing and composition and the basic elements of art as they relate to black and white drawing.

ADVANCED ART 3-4

UC/CSU: Fulfills F or G requirement

Grades: 10 - 12

Credits: 10 (may be repeated)

Prerequisites: Art I grade of C or better and instructor approval based upon student art portfolio.

Content: This is an advanced course in design principles, techniques, and social historical perspectives building upon skills learned in Art I. The use of color and various painting techniques will be emphasized along with a further study of art history. In alignment with UC/CSU entrance requirements this course also engages students in written analysis of aesthetics, historical, and cultural perspectives. Projects change from year to year to make the class repeatedly challenging and interesting.

DRAMA I

UC/CSU: none

Grades: 9 - 12

Credits: 10

Prerequisites: None. This is a performance-based class and will require outside of school commitments.

Content: This course is designed as an introduction to theater and acting on stage. Students will study improvisation, monologues, and scenes, with emphasis on voice and diction. Students will examine scripts and evaluate characterization, themes, and plot. Although there are only a few written assignments, most homework requires memorization of lines and blocking and adequate preparation for presentation of monologues and scenes, which are videotaped and critiqued. Students are also required to attend at least one play per semester and give a written review of the performance. This is a performance based class where participation on stage is mandatory

ROP PROFESSIONAL ACTORS TRAINING

UC/CSU: F requirement

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Drama I with a C or better and teacher approval; This is a performance-based class and will require outside of school commitments.

Content: This course is designed with the intent for students to be acting on stage. Students will perform improvisation, monologues, and scenes. Student will also be exposed to other areas of stage craft including

Homework requires memorization of lines and blocking and adequate preparation for presentation of monologues and scenes, which may be performed for an audience or videotaped for critique. This is a performance based class where participation on stage is mandatory

BEGINNING GUITAR

UC/CSU: Fulfills F requirement

Grades: 9 - 12

Credits: 10

Prerequisites: None. This is a performance-based class and will require outside of school commitments.

Content: Students will discover the world of music through hands-on work with a guitar, and the course focuses on basic instruction on playing guitar. Musical terminology, rhythmic figures and basic reading skills will be learned to further enhance this experience. Renting an instrument for the class may be required. Students will be qualified for the advanced ensembles after one year.

ADVANCED GUITAR

UC/CSU: Fulfills F or G requirement Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Beg. Guitar with a C or better and instructor approval

Content: Students will discover the world of music through hands-on work with a guitar. It provides continued study of guitar literature, with stress on a larger and more challenging repertoire of music. Music terminology, rhythmic figures and basic reading skills will be learned to further enhance this experience. Advanced Guitar is considered a performing group. Students are required to participate in all performances, festivals and field trips. Renting an instrument for the class may be required. The course may be repeated for additional credit.

BEGINNING CHOIR

UC/CSU: Fulfills F requirement

Grades: 9 - 12

Credits: 10

Prerequisites: None, but students should have a desire to sing and study music. This is a performance-based class and will require outside of school commitments.

Content: Students will discover the world of music through vocal music, and focus on basic instruction of singing. Musical terminology, rhythmic figures and basic reading skills will be learned to further enhance this experience. Beginning Choir is considered a performing group. Students are required to participate in all performances, festivals, field trips, and after school rehearsals. Students will be qualified for the advanced ensembles after one year.

ADVANCED CHOIR

UC/CSU: Fulfills F or G requirement

Grades: 9 - 12

Credits: 10

Prerequisites: Successful completion of Beginning Choir with a C or better and instructor approval. This is a performance-based class and will require outside of school commitments.

Content: Students will expand their knowledge of the world of music through vocal music. It provides continued study of choral literature, with stress on a larger and more challenging repertoire of music. Music terminology, rhythmic figures and basic reading skills will be learned to further enhance this experience. Advanced Choir is considered a performing group. Students are required to participate in all performances, festivals, field trips and after school rehearsals. The course may be repeated for additional credit.

BEGINNING BAND

UC/CSU: Fulfills F requirement**Grades: 9 - 12****Credits: 10**

Prerequisites: None, but students should have a desire to sing and study music. This is a performance-based class and will require outside of school commitments.

Content: Students will discover the world of music through hands-on work with a concert band instrument, and focus on basic instruction on playing wind instruments. Musical terminology, rhythmic figures and basic reading skills will be learned to further enhance this experience. Beginning Band is considered a performing group. Students are required to participate in all performances, festivals, field trips and after school rehearsals. Instruments being offered are Flute, Clarinet, Saxophone, Trumpet, Horn, Trombone, Baritone and Tuba. Renting an instrument for the class may be required. Students will be qualified for the advanced ensembles after one year.

ADVANCED BAND**UC/CSU: Fulfills F or G requirement****Grades: 9 - 12****Credits: 10**

Prerequisites: Successful completion of Beg. Band, C or better and instructor approval. This is a performance-based class and will require outside of school commitments.

Content: Students will discover the world of music through hands-on work with a concert instrument. It provides continued study of band literature, with stress on a larger and more challenging repertoire of music. Music terminology, rhythmic figures and basic reading skills will be learned to further enhance this experience. Advanced Band is considered a performing group. Students are required to participate in all performances, festivals, field trips and after school rehearsals. Instruments being offered are Flute, Clarinet, Saxophone, Trumpet, Horn, Trombone, Baritone, Tuba Electric Bass, Mallet Percussion and Combined Percussion. Renting an instrument for the class may be required. The course may be repeated for additional credit.

JAZZ BAND**UC/CSU: Fulfills F or G requirement****Grades: 9 - 12****Credits: 10**

Prerequisites: Successful completion of Adv. Band, C or better and instructor approval. This is a performance-based class and will require outside of school commitments.

Content: Jazz Band is for the most advanced instrumental musicians. The Jazz Band performs intermediate to advanced level literature from various selected eras of musical histories including Ragtime, Dixieland, Swing, Big Band, Boogie-Woogie, Latin Jazz, Modern Jazz and Rock. In addition to the techniques of rehearsal and performance, the students learn the theory and history of the music performed. Jazz Band is considered a performing group. Students are required to participate in all performances, festivals and field trips. Renting an instrument for the class may be required. The course may be repeated for additional credit.

MARCHING BAND

UC/CSU: None-Graduation Credit Only

Grades: 9 - 12

Credits: 5

Prerequisites: Successful completion of Adv. Band or instructor approval, This is a performance-based class and will require outside of school commitments.

Content: Marching Band is designed for students interested in the competitive sport of marching band and color guard. This course is open to musicians and color guard artists (flag, rifle, saber, dance, drill, or banner). Other performers may be added at the discretion of the director. Students are expected to perform at a wide variety of events, including school concerts, sporting events (Fall & Spring), parades, and regional competitions. Travel, competitions, performances and rehearsals are required and held outside of regular school hours. Students may earn 5 units per year of physical education credit toward graduation. All musicians must be concurrently enrolled in at least one of the following: Beginning, Advanced, or Jazz Band.

PHYSICAL

EDUCATION and HEALTH

DOES NOT MEET APPROVAL FOR UC/CSU

TWENTY (20) CREDITS REQUIRED TO MEET GRADUATION REQUIREMENTS

FRESHMAN CORE PHYSICAL

EDUCATION and HEALTH

UC/CSU: None-Graduation Credit Only

Grades: 9

Credits: 10

Prerequisites: Required course for all freshmen, fulfills graduation requirement.

Content: Instruction is in the basic fundamentals of a variety of team, individual and lifelong sports over a period of one year. Emphasis is on cooperation, sportsmanship (The Pillars of Character), teamwork, physical fitness, and proper attire for the activity. Each unit is 3 weeks long.

Health Education provides students the opportunity to understand factors that relate to the development and maintenance of a healthy lifestyle. Class activities are designed to help students evaluate their physical, mental and social health in order to make wise decisions regarding personal/social values, drugs, tobacco and alcohol use. Units of study are correlated to the National Health Education Standards.

Students will take the State Physical Fitness Standards Test and must pass five out of the six standards to pass the test. Students who do not pass fitness test are required to enroll in physical education until test is passed.

The class is graded on participation, appropriate dress, personal progress, unit projects and objective testing on related subjects.

PHYSICAL EDUCATION 10-12

UC/CSU: None-Graduation Credit Only

Grades: 10-12

Credits: 10

Prerequisites: Successful completion of Core PE or instructor approval

Content: This course will provide students with opportunities to expand their capabilities for individual learning and develop proficient movement skills in each area of physical education that include: individual and team sports, cooperative learning, nutrition and fitness, games and dance. Students are given the opportunity to explore a variety of physical activities they can enjoy and participate in for a lifetime. The class is graded on participation, appropriate dress, performance assessments and objective testing. Physical education dress code policy: Grey t-shirt, black shorts/sweats, and sneakers.

ATHLETIC PE

UC/CSU: None-Graduation Credit Only

Meets P.E. requirement

Grades: 11 - 12

Credits: 10

Prerequisites: None.

Content: Weight training techniques will be taught to help improve performance in all interscholastic sports for varsity athletes. Special attention will be paid to athletes who want to improve their physical abilities inherent to their specific sport in season. All athletes will also work on endurance through running and other aerobic conditioning.

CAREER TECHNICAL EDUCATION (including ROP)

Career Technical Education (CTE) gives students the opportunity to be college-prepared and career-ready for the 21st century. Courses designated with “ROP” after the course title are part of the Regional Occupational Program which provides specialized training in entry-level job skills or advanced training for college entrance. Gonzales High offers courses in 4 of 15 industry sectors: Agriculture and Natural Resources; Arts, Media and Entertainment; Hospitality, Tourism, and Recreation; Education, Child Development and Family Services. Eligible students may be able to attend off-site classes at local ROP programs with prior permission from GHS and space availability of desired program.

All ROP and CTE (Career Technical Education) courses, like all courses at GHS, are open to students regardless of race, color, national origin, sex or disability.

AGRICULTURE and NATURAL RESOURCES SECTOR

INTRODUCTION TO AGRICULTURE

UC/CSU: None-Graduation Credit Only Grades: 9 - 12

Credits: 10

Prerequisites: None; however, students should have an interest in agriculture

Content: The Introduction to Agriculture course is designed to expose students various facets of the Agriculture Industry. This content of this course will include, but is not limited to: introduction to the FFA, plant propagation and health, basic irrigation, animal breeds and anatomy, woodworking, cold metal, and welding. This course will also combine fundamentals of academics to include communications, career planning and management, technology, problem solving and critical thinking, health and safety practices, ethics as well as legal responsibilities, leadership development and teamwork through active participation in the FFA, personal responsibility and flexibility as it applies to specific job skills. Students enrolled in this course are registered as members of the California FFA Association. **FFA is an integral part of this class, therefore participation in the FFA and student Supervised Agricultural Experience (SAE) projects will be required and graded.**

INTRODUCTION TO AGRICULTURAL WOOD

UC/CSU: None-Graduation Credit Only

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Intro to Ag or instructor approval

Content: This course is designed to give the first-year agriculture student a strong foundation in the use of basic agriculture wood shop skills. Student will be using hand woodworking tools along with modern tools, drafting and wood safety working habits. Student will be expected to design and construct projects and compile appropriate data as per project throughout the year. This is a FFA-based class.

INTRODUCTION TO AGRICULTURAL MECHANICS

UC/CSU: None-Graduation Credit Only

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Intro to Ag or instructor approval

Content: This course is designed to give the first year agriculture student a strong foundation in the use of basic agriculture mechanics shop skills. Tools, materials and safety will be reviewed in detail when each unit is taught. Proper skills involving hands-on learning will be stressed. This basic course includes rope work, wood and metal working, welding and cutting processes, electrical, concrete and plumbing. This is a FFA-based class.

AGRICULTURAL CONSTRUCTION (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Intro to Ag Mech/Intro to Ag Wood/Intro to Ag or instructor approval

Content: Students will learn advanced skills in agricultural construction fields. Topics will include oxy-welding, cutting, and arc welding process. Other topics will include wood working equipment and drafting. Equipment operation, safety, design, and the building of agricultural structures will be covered. This is a FFA-based class.

ADVANCED AGRICULTURAL MECHANICS (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Ag Construction or instructor approval

Content: Students will experience advanced welding and the construction of various projects. Instruction in welding (Arc, MIG and TIG) as well as cutting with plasma torch, and oxy-fuel, and safety will be covered in detail. Students will be expected to design (draft) and construct projects and compile appropriate data as per project with metal. This is a FFA-based class and is articulated with Hartnell College. Students who take this course are eligible to receive college-level units. Please talk to your instructor for more information.

ENVIRONMENTAL HORTICULTURE (ROP)

UC/CSU: Fulfills G Requirement

Grades: 10-12

Credits: 10

Prerequisites: Successful completion of Ag. Biology or Intro to Ag

Content: ROP Environmental Horticulture is designed to provide students with the theories and principles related to environmental horticulture science. This course is intended to successfully prepare those students who plan on majoring in agricultural sciences at a 4-year college or university. Studies will be made in the following areas; greenhouse structures and equipment, nursery soils, fertilizers and special nutrients, propagation practices, pruning and grafting, landscape planning and maintenance; pest control and chemical principles; and marketing of ornamental plant products.

THE ART & HISTORY OF FLORAL DESIGN (ROP)

UC/CSU: Fulfills F Requirement

Grades: 10 - 12

Credits: 10

Prerequisites: Preferred successful completion of Intro to Ag

Content: This course provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including tempera, pencil, flowers, tile, and a variety of papers. Students are also introduced to the elements and principles of visual art design such as line, shape/form, color, balance, and emphasis using a series of floral-based projects to explore the connections, relations, and application to visual arts design. Students will research and study floral trends to understand and develop an appreciation for floral design within historical and cultural, formal and casual, ceremonial and traditional, including an understanding that floral designs are affected by society, culture, history, politics, and economic influence. Various assignments based on abstract two and three dimensional designs, historical culture and theory, color theory, and analytical critiques of various floral art works using design vocabulary in conjunction with development of technical skills in floral art will serve as a foundation for more complex works such as multi-part floral designs and creative expression through wedding consultations.

ADVANCED FLORAL DESIGN (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 11 - 12

Credits: 10

Prerequisites: Successful completion of Art & History of Floral Design or instructor approval

Content: This course in floristry is for students interested in pursuing a career in floral design, flower shop management, growing field crops or other related fields. Students are taught proper identification and use of tools and equipment, the care of indoor plants, the art of floral design and basic shop management skills necessary to operate a shop. Students are taught to properly design corsages, centerpieces, everyday arrangements, wedding bouquets, funeral pieces, and the different phases of planning and staging of events or corporate parties. Flower materials to be used, but not limited to, fresh flowers and foliage, silks or dries, or other textures that may be required to complete a project.

ANIMAL CARE (ROP)

UC/CSU: Non college-prep; approved for graduation credit

Grades: 10 - 12

Credits: 5 (may be repeated for credit)

Prerequisites: Enrollment requires counselor/instructor approval; this course will require outside of school commitments.

Content: This course meets outside of the regular school day and provides students with training in skills for the targeted job classifications related to livestock production and marketing. This course will include at least 50 hours of group instruction with a minimum of 6 hours per calendar week caring for livestock. Group instruction may include field trips and teacher supervised activity at the county fair. Additional training may be provided in the community classroom.

AGRICULTURAL ANIMAL SCIENCE (ANATOMY & PHYSIOLOGY) (ROP)

UC/CSU: Fulfills G Requirement (pending UC-approval for 15/16)

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Ag. Biology

Content: This course is intended to successfully prepare those students who plan on majoring in Agricultural Sciences at a college or university. Students will learn principles in animal anatomy & physiology focusing on the areas mammalian production, anatomy, physiology, reproduction, nutrition, respiration, and genetics. At the same time, students will learn skills and scientific knowledge required for entry-level jobs in the animal services industry. Guest lectures, such as, veterinarians, vector control officials, and animal health technicians will also be provided to add knowledge of current practices that are faced in the animal health fields. Students will gain practical experience in veterinary medicine by conducting hands-on activities with both small and large animals.

ARTS, MEDIA and ENTERTAINMENT SECTOR

BROADCAST NEWS (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Introduction to Media Careers or instructor's approval

Content: High school students will master the basics of three-point lighting, video camera techniques, teleprompting, research, script writing, computer graphics, animation, editing and performance techniques. They will help produce the daily broadcast aired to students and staff at their school sites.

INTRODUCTION TO MEDIA CAREERS (ROP)

UC/CSU: None-Graduation Credit Only Grades: 10 - 12

Credits: 10

Prerequisites: None; however, students should have an interest in Design, Media, and Visual Arts pathway

Content: In this class students will learn how to operate a camcorder, sound and lighting equipment as well as learn established industry practices for shooting and editing video. Video assignments will include public service announcements, advertisements, interviews, music videos and animation. Students will edit their videos using industry-standard computer editing software, such as Final Cut Pro. Students will learn the editing techniques required to produce professional results- including but not limited to- generating titles, masks, and mattes, compositing, applying filters and green screen effects. As reasonably possible, the latest hardware will be used in class including digital cameras, microphones, video production hardware, and still and motion cameras such as GoPro cameras and drones.

PROFESSIONAL ACTOR'S TRAINING (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Drama I or instructor's approval; This is a performance-based class and will require outside of school commitments.

Content: This course is designed with the intent for students to be acting on stage. Students will perform improvisation, monologues, and scenes. Student will also be exposed to other areas of stagecraft including costumes and lighting. Homework requires memorization of lines and blocking and adequate preparation for presentation of monologues and scenes, which may be performed for an audience or videotaped for critique. This is a performance-based class where participation on stage is mandatory.

TECHNICAL WRITING (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 10 – 12

Credits: 10

Prerequisites: Instructor's approval before enrollment; this course will require outside of school commitments.

Content: Students in this course carry the responsibility for producing the school yearbook. Elements of production include layout, graphics, photography, copywriting, advertising, sales, and contract negotiations for publications. Deadlines must be met and students are required to attend a minimum number of extracurricular activities.

EDUCATION, CHILD DEVELOPMENT and FAMILY SERVICES SECTOR

CAREERS IN EDUCATION (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 11 – 12

Credits: 10

Prerequisites: Enrollment requires counselor/instructor approval.

Content: This entry-level course is designed to provide students with knowledge of career opportunities in the field of teaching and other school site educational professions. Career preparation standards, which include basic academic, safety, communication, interpersonal and problem-solving skills are integrated throughout the course. Active class participation is enhanced by field work at school sites under the guidance of a mentor teacher. All students are required to observe and/or participate in a variety of settings and classrooms at the elementary and middle school sites.

CAREERS IN TEACHING (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 11 – 12

Credits: 10

Prerequisites: Successful completion of Careers in Education; enrollment requires counselor/instructor approval.

Content: This advanced, one-year course helps prepare students for entry into college or university teacher training programs. Students work in small teams to design educational lessons that will be taught in a variety of settings/classrooms at the elementary and/or middle school sites. Instruction in advanced lesson planning, student learning interventions, exploration of learning styles, integration of special populations (SPED, ELL), and project-based learning will be emphasized. Career preparation standards, which include intermediate academic, safety, communication, interpersonal and problem-solving skills are integrated throughout the course.

HOSPITALITY, TOURISM, and RECREATION SECTOR

INTRODUCTION TO CULINARY ARTS (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 9 - 12

Credits: 10

Prerequisites: None; however, students should have an interest in Food Service and Hospitality pathway

Content: Prepare for an entry-level position in the restaurant/food industry. Instruction will include food preparation, nutrition and health, food safety and sanitation, meal management, and career exploration as

it relates to the food industry. Ample lab time for food preparation is provided. Lab instruction includes planning, preparation, cooking and presentation techniques for a wide variety of food.

ADVANCED CULINARY ARTS (ROP)

UC/CSU: None-Graduation Credit Only

Grades: 10 - 12

Credits: 10

Prerequisites: Successful completion of Introduction to Culinary Arts or instructor approval

Content: The course provides advanced training in culinary arts. Instruction will cover the following areas - advanced food preparation, menu planning and preparation, service of foods and beverages; sanitation and safety, pricing, purchasing, operating controls for food service, and equipment safety. In addition, students will become proficient in food handling and sanitation as it applies to the National Restaurant Association Education Foundation. Students will develop competencies in academic core reinforcement, leadership, management, career awareness and employability as they apply to the world of work.

ELECTIVES: NON-DEPARTMENTALIZED

MATHEMATICS, ENGINEERING AND SCIENCE ACHIEVEMENT (MESA)

UC/CSU: None but is weighted by CSU/UC

Grades: 9-10

Credits: 10

Prerequisites: A current grade of C or better in science and math class.

Content: This course is designed for all students with a career interest in engineering, sciences, technology and/or mathematics. This course is hands-on and involves problem-solving and experimentation using the properties of basic physics. Students will work both independently and in teams to solve different types of problems and practice varied skill building. The course is centered on extensive exposure to critical thinking and using the scientific method as it relates to the world around us.

STUDENT LEADERSHIP

UC/CSU: None-Graduation Credit Only

Meets Elective requirement

Grades: 9 – 12

Credits: 10

Prerequisites: Recommended for student body officers, class representatives and other interested students with instructor approval.

Content: Student leadership is for those interested in learning leadership skills, improving their school and community, and representing student interests. This course will assist in acquiring leadership abilities

through the organization and coordination of proposed activities, which will make Gonzales High School an enjoyable and meaningful experience for the entire student body and staff.

The objective is to develop responsibility, initiative, creativity, leadership, and school pride; to allow students the opportunity to participate in and plan activities; to successfully run an effective and democratic government; to better understand the importance of good leadership; to become familiar with parliamentary procedures; to appreciate and implement legally required ASB policies.

*Students will be required to attend a minimum number of GHS activities and sports events.

Computer Science & Software Engineering

UC/CSU: None-Graduation Credit Only

Meets Elective requirement

Grades: 10 – 12

Credits: 10

Prerequisites: None

Content: Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSE helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. This course aligns with the AP Computer Science Principles course.

TEACHER'S ASSISTANT/ OFFICE AIDE

UC/CSU: None-Graduation Credit Only

Grades: 11 – 12

Credits: 5 (may not be repeated for more than 10 credits)

Prerequisites: Permission of teacher, counselor and principal.

Content: Students can work as an assistant to a teacher, office personnel, or in the library for credit. Required tasks differ according to position. Students can only be a TA, or OA for two semesters total for credit during high school.

LIBRARY TECHNOLOGY AIDE

UC/CSU: None-Graduation Credit Only

Grades: 11 – 12

Credits: 5 (may not be repeated for more than 10 credits)

Prerequisites: Permission of counselor, principal and Library Information and Technology Specialist.

Content: Students work to assist in the library for credit. Required tasks may include assisting teachers with technology set-up and assisting with other technology needs on campus.

SCIENCE DEPARTMENT LAB AIDE

UC/CSU: None-Graduation Credit Only

Grades: 11 – 12

Credits: 5 (may not be repeated for more than 10 credits)

Prerequisites: Permission of Science Department Chair and Grade of B or better in college prep science coursework.

Content: Students work to assist the entire science department with classroom lab set-up, clean-up, the care of aquariums and tanks, cleaning and organizing equipment and possibly assisting during the lab.