



LIVE OAK HIGH SCHOOL

COURSE DIRECTORY

AND

REGISTRATION INFORMATION

TABLE OF CONTENTS

Overview of Registration Process	1
High School Graduation Requirements	2 - 3
College/University Testing Requirements	4

Course Descriptions/Subject Areas

Social Studies/Subject Area A	6-8
English/Subject Area B	8 - 10
Math/Subject Area C	10 - 12
Science/Subject Area D	13 - 15
World Language/Subject Area E	16 - 17
Visual or Performing Arts/Subject Area F	18 - 20
Electives and CTE/Subject Area A – G	20 - 22
Physical Education	22
Special Education	23 - 24

OVERVIEW OF REGISTRATION PROCESS

January - February

Counselors and students:

- Review transcript documents
- Review high school graduation requirements
- Complete course requests for following school year

February

- Registration Information Night the second week in March at 6:00 p.m. is an evening event where students and their families can meet with teachers and counselors to select courses that best match a student's college or career goals
- Students and parents are invited to get information about registration for courses, graduation requirements, college admissions and registration timelines
- Teachers, counselors and administrators are available to answer questions about course sequences and electives within each department. Teachers are the course content experts and can answer all questions specific to their department's courses

February - March

Students' course selections are tallied and staffing needs identified.

March

Parents and students receive verification on Aeries of the courses selected. Students and parents may request an adjustment to the selected courses. However, based on space availability, not all requests for adjustments can be honored.

August

During student orientation, students receive their class schedules. If a course placement error has been made, students may go to the counseling office to review schedule adjustment options.

Morgan Hill Unified School District High School Graduation Requirements

Morgan Hill Unified School District's default curriculum is considered basic academic preparation for college, trade school, military and career readiness. In order to be eligible to apply to any school in the University of California (UC) or California State University (USC) systems as a freshman, you must take certain classes in high school known as the "A-G requirements." The MHUSD default curriculum covers all the A-G requirements. Students who complete the default curriculum of College Prep (CP) courses with grades of C or higher will be eligible to apply to four-year universities. This default curriculum also provides excellent preparation for career paths and the world of work.

- ❖ Morgan Hill Unified Default Curriculum Aligned with A-G Requirements
 - A. Social Studies (3 years, 30 credits – World History, US History, Civics/Econ)
 - B. English (4 years, 40 credits – Adv Eng 9, Adv Eng 10, Adv Eng 11, Adv Eng 12)
 - C. Math (3 years, 30 credits Int Math 1, Int Math 2, Int Math 3)
 - D. Science (3 years, 30 credits – Biology, Chemistry, Physics with Earth Science interwoven)
 - E. World Language (2 years, 20 credits or equivalent via AP Exam, SAT II subject test required – see below)
 - F. Visual and Performing Arts (1 year, 10 credits)
 - G. College Prep Elective (30 credits)
 - H. PE – Physical Education (2 years, 20 credits - including PE 9 and the CA Fitness test)
 - I. Career Technical Education (CTE) (1 year, 10 credits)
 - J. Total of 220 credits

Language Equivalency

Students who read, write and speak a language other than English may be eligible for a waiver from coursework. Students who are fluent in another language should speak with their counselor regarding receiving language equivalency. Upon passing any of the exams below, students can receive language equivalency for graduation and submit language requirement for university purposes.

AP Courses

Live Oak High School is proud to offer its students the opportunity to take Advanced Placement courses in a variety of curricular areas including English, Social Studies, Mathematics, Science, World Languages, and Fine Arts. AP courses give our students the opportunity to experience rigorous college-level coursework while in high school.

Our AP classes enhance students' writing skills, teach them how to think critically, and improve their problem-solving abilities. Our students are encouraged to pursue AP courses in the curricular areas that interest them or in which they excel.

AP Exams are available in Spanish, French, Chinese, Japanese, German and Italian. Students interested in demonstrating proficiency via an AP exam should see a counselor and sign-up for the appropriate AP exam in March. AP exams are available only once a year in May. AP exams are ordered and proctored at Live Oak. The approximate fee is \$94 per exam. Students can obtain more information about AP exams at <http://apcentral.collegeboard.com>

CTE Courses

Career Technical Education (CTE) provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong

learners. In total, about 12.5 million high school and college students are enrolled in CTE across the nation. CTE prepares these learners for the world of work by introducing them to workplace competencies, and makes academic content accessible to students by providing it in a hands-on context. In fact, the high school graduation rate for CTE concentrators is about 90% – 15 percentage points higher than the national average.

 <div style="text-align: center;"> CTE Pathways Live Oak High School 2019-2020 </div>   							
Industry Sector	Arts, Media & Entertainment	Building & Construction Trades	Agriculture & Natural Resources	Agriculture & Natural Resources	Hospitality, Tourism & Recreation	Information & Communication Technologies	Gavilan Community College Alignment
Pathway	Production & Managerial Arts	Cabinetry, Millwork & Woodworking	Agriscience	Agricultural Business	Food Service & Hospitality	Software & Systems Development	Multimedia/Articulated
Intro. Course <i>(only in 3 year pathway)</i>		Woodworking	Ag Biology	Ag Biology			Administration of Justice/High Step
Concentration Course	Adv Multimedia	Woodworking 2	Soil Chem	Soil Chem	Adv Foods	Int. Math 3 Software Development	Drone Technology/High Step
Capstone Course	Video Production	Construction Technology	Vet Science	Ag Sales & Service/ Art & History of Floral Design	Culinary	AP Computer Science	
Certifications/ Leadership/CTS0	SkillsUSA, Precision Exams	SkillsUSA, Precision Exams	FFA, ICEV Certifications	FFA, ICEV Certifications	ServSafe, SkillsUSA(Planned)	SkillsUSA, Precision Exams	Mission Community College Alignment
Field Trips/Job Shadowing	MHUSD & MH Chamber Job Shadow Event	MHUSD & MH Chamber Job Shadow Event	MHUSD & MH Chamber Job Shadow Event	MHUSD & MH Chamber Job Shadow Event	MHUSD & MH Chamber Job Shadow Event	Computer History Museum, Google, MHUSD & MH Chamber Job Shadow Event	Culinary/Articulated
Postsecondary	Multimedia Articulated Course/Gavilan CC	TBD	TBD	TBD	Mission Community College	AP Computer Science Test	

Seal of Biliteracy

❖ Awards and Recognition

➤ Students will receive:

- o State seal of Biliteracy on the high school diploma and transcript
- o A cord to be worn during Graduation Ceremony
- o Recognition by the Board of Education

➤ Requirements:

- o Meet all high school graduation requirements
- o Proficient or Advanced on the Grade 11 ELA district assessment
- o A 2.0 or above in completion of all English Language Arts classes
- o If English is a second language, the student must also score Early Advanced or Advanced on the ELPAC

➤ And one of the following:

- o Score of 3 or higher on the AP test before the 12th grade year, or
- o Four year high school course of study in world languages attaining an overall GPA of 3.0 or above, or
- o Score 660 or higher on the SAT II
- o Score 4 or higher on the foreign language IB exam

SAT Subject Tests are available in Spanish, French, Chinese, Japanese, German, Italian, Modern Hebrew, Latin and Korean. Students interested in demonstrating proficiency via a Subject Area test should see a counselor and sign-up on College Board to take the appropriate Subject Area test. These tests are available several times a year but are NOT proctored at Live Oak. The approximate

fee is \$46 per exam. Students can get more information about Subject Tests at <http://sat.collegeboard.org/about-tests>

College/University Testing Requirements

Admission to a four-year university usually requires a college admission test such as the SAT or the ACT. Most, but not all, colleges accept either test. These tests are taken no later than the fall of the senior year. Many students take the first exam during the spring semester of the junior year. Students will report SAT or ACT scores on their college applications.

The SAT reasoning test assesses students in three areas: critical reading, math (through Algebra 2) and writing. Some colleges require or recommend that students take Subject Tests in addition to the Reasoning Test. It is recommended that students take a Subject Test as soon as appropriate after the completion of the coursework. Students should research the requirements or recommendations for the universities to which they hope to apply.

Invaluable practice for the SAT is the PSAT (Preliminary SAT) which is given every October at Live Oak. We recommend that all students take this test at least once. Juniors taking the PSAT may also qualify for as National Merit Scholarship.

For more information on the SAT Reasoning Test, Subject Tests and the PSAT, visit the College Board website at <http://sat.collegeboard.org/about-tests>

The ACT is a different type of test; it measures achievement in a number of areas such as math, science, social studies and English. For more information on the ACT, visit their website at www.act.org

LIVE OAK HIGH SCHOOL COURSE DIRECTORY

Social Studies – Subject Area A (30 credits required)

130200	Word Geography: Global Perspective CP	Year 9-12	Social Science	G Requirement
---------------	--	------------------	-----------------------	----------------------

This course allows students to gain a better understanding of the modern world. Focusing initially on global topics, then on regional studies, students will broaden their perspectives. Throughout the course, current issues and their effects on people around the world are examined. Students receive important academic knowledge and college-preparatory skills while they engage in whole class and small group discussions learn to recognize conflicting points of view, and formulate their own position.

130450	World History CP	Year 10-12	Social Science	A Requirement
---------------	-------------------------	-------------------	-----------------------	----------------------

This course provides students with a background in world history beginning with the Rise of Democratic Ideas from Ancient Greece and Rome. It covers the Scientific and Industrial Revolutions, the Enlightenment, Colonialism period, the two World Wars and concludes with contemporary world issues. Through utilizing the text, research, hands-on projects, individual and group presentations, and Socratic Seminars, students will sharpen skills necessary to analyze and evaluate the events of history.

160400 [AP World History](#) **Year 10-12** **Social Science** **A Requirement**

Suggested Course Preparation: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AP World History is designed to be the equivalent of a two semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

130310 **US History CP** **Year 11-12** **Social Science** **A Requirement**

This course emphasizes U.S. History in the late 19th and the 20th centuries. Students will focus on the following major units: Political and Religious Foundations of America, Industrialization and America’s Rise to World Power, between WWI and WWII (1920s-1930s), Domestic Issues after WWII and Foreign Affairs after WWII. These units, organized into historical periods/themes, provide a detailed view of the critical events, people and processes which have created the United States of the 21st century. A wide range of materials and learning activities are incorporated within the course: lecture/note-taking, document analysis, videos, group and individual presentations, projects and simulations.

160310 [AP US History](#) **Year 11-12** **Social Science** **A Requirement**

Suggested Course Preparation: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

130550 **Civics CP** **Sem 12** **Social Science** **A Requirement**

This one-semester class is offered in combination with Economics as a requirement for graduation. As students prepare to vote, participate in community activities, and assume the responsibilities of citizenship, they will compare systems of government in the world today and analyze the relationship among local, state and federal governments with an emphasis on the operations of the federal government and elections. Interpretation of the Constitution and other historical documents are also emphasized. A chief component of the course includes community service work.

113650 **Economics CP** **Sem 12** **Social Science** **A Requirement**

This one-semester class is offered in conjunction with Civics and necessary for graduation. It focuses on basic economic principles: supply and demand, banking and monetary policies, unemployment, and inflation, as well as the role of consumers, government and labor in the economy. Students will learn about various economic systems, micro and macroeconomics and international trade while applying tools such as graphs, statistics and equations to their understanding.

160050 **AP US Govt. & Politics** **Sem 12** **Social Science** **A Requirement**

Suggested Course Preparation: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

130050 **Psychology CP** **Sem 11-12** **Social Science** **G Requirement**

Combined with the Sociology, Marriage, Sex & Family class (below), this semester class will fulfill a year of Social Sciences. It is an introductory psychology course, studying human behavior and mental processes. Personality theories, learning and memory, sensation and perception, psychological theorists, sleep behavior, psychological disorders and mental illnesses are incorporated within the course. Class structure includes reading from the text, lecture, discussion and participation as well as guest speakers.

213023 **Sociology: Marriage
Sex & Family CP** **Sem 11-12** **Social Science** **G Requirement**

Paired with the Psychology class (above), this semester course will fulfill a year of Social Sciences. This introductory sociology course will investigate a range of contemporary issues which include, but are not limited to human relationships, marriage, sex (including reproduction and sexually transmitted infections), family, education, comparative cultures, life skills which include handling stress, addictions, loss, gender and sexuality issues. The structure of the course includes text and article readings, student projects, research, guest speakers and class discussions.

English – Subject Area B (40 credits required)

213023 **English 9 Advanced CP** **Year 9-12** **English** **B Requirement**

In the English 9 Advanced course students will continue to work toward mastery of the Common Core State Standards for ELA by investigating Essential Questions about argumentation, individual choices, heroism and social justice through reading of both assigned and choice literature and informational text. Students will develop their own concepts of these abstract ideas by analyzing texts for sequence of events or facts, inference, structure, vocabulary development, as well as theme and/or argument development. Students will communicate and share ideas using academic language that fosters collaboration and will use assigned texts as models for their own writing. Students will develop voice, write for an audience and use details or evidence to present and defend their own theme or thesis. Students will use appropriate technology to research topics, choose and cite appropriate sources, write and revise multiple drafts, present learning/understanding and edit/collaborate on writing assignments.

213024 **English 10 Advanced CP** **Year 10-12** **English** **B Requirement**

The English 10 Advanced course aligns with the California 9th and 10th Common Core Standards and builds upon students' prior skills acquired. The course requires extensive reading of a variety of genres, both fiction and nonfiction with a consideration of historical and cultural context. Course work builds proficiency in analytical reading and writing with respect to determining a theme or central idea and analyzing how explicit word choice and implicit understanding of author's purpose and audience determines understanding of text. Students will be able to analyze information from multiple sources and will synthesize the information by including citations into their works using precise language and specific vocabulary. Students will communicate by maintaining a formal style and objective tone in spoken and written arguments. Course instruction supports preparation for creating effective and adaptable readers, writers and speakers who will be able to meet the 21st century demands required in both the college and career environments.

213050 **English 11 Advanced CP** **Year 11** **English** **B Requirement**

The English 11 Advanced course is designed to build upon students' prior skills aligned with the Common Core State Standards. The course will require extensive reading of a variety of genres, both fiction and nonfiction, in order to demonstrate grade level comprehension, a depth of understanding, awareness of texts' purpose, audience and occasion, and to analyze and interact with the text. Students will receive regular practice in writing and will be required to write extensive and structured papers directed at various audiences and responding to a variety of rhetorical tasks, especially analysis and persuasion. Students will demonstrate knowledge and ability to move through the writing revision processes. All students will participate in active discussions in both large and small groups, demonstrating an ability to listen actively and to think critically. Students will be able to explain and reconcile differing views through respectful discussion and collaboration with peers. Students will complete independent projects in which they enhance their ability to collaborate with others and make effective use of digital media and research skills.

261050 **AP Lang. & Composition** **Year 11** **English** **B Requirement**

Suggested Course Preparation: Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing.

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

213510 **English 12 Advanced CP** **Year 12** **English** **B Requirement**

This course aligns with 11th and 12th grade Common Core State Standards English Language Arts & Literacy and is intended to prepare students for post-secondary college and career options by developing well-informed, thoughtful and creative readers, writers, listeners and thinkers. Course class work prepares students for the respectful, ethical dimensions of academic discourse. Students learn to construct arguments after reading, comprehending and evaluating complex text of various genres and disciplines and continue to use, cite and value evidence in those arguments. The course develops skills in recognizing, adapting and responding to varying demands of audience, task, purpose, genre and discipline. English 12 also requires students to enhance communication through strategic, capable use of technology and digital media and encourages students to demonstrate independence through curiosity and experimentation with new ideas.

216050 **AP Lit. & Composition** **Year 12** **English** **B Requirement**

Suggested Course Preparation: Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing.

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

211500 ELD I Year 9-12 English Elective

ELD Proficiency: Students who score 0-374 on the CELDT (Beginning, Level 1) study at this level

This class introduces non-English proficient students to the English language and American culture. Students learn the fundamentals of reading, writing, speaking and listening in English. Special emphasis is placed in information and structures related to the new culture, environment and language. Students are introduced to language, activities and learning strategies key to success in the California public school system. Students become familiar with and competent in sharing basic personal and topical information. This course counts as ELECTIVE credits toward graduation and is NOT a UC-approved English course.

211500 ELD II Year 9-12 English Elective

ELD Proficiency: Students who score 375-446 on the CELDT (Early Intermediate, Level 2) and/or complete level I course exit standards study at this level

This class expands on the newly arrived student's ability to read, write, speak and listen in English. The student's competency in sharing personal and topical information is expanded so that opinion and creativity are incorporated into the various forms of written and oral expression. Understood and spoken vocabulary is expanded. This course counts as ELECTIVE credit toward graduation and is NOT a UC-approved English course.

211500 ELD III Year 9-12 English Elective

ELD Proficiency: Students who score 447-487 on the CELDT (Intermediate, Level 3) and/or complete level II course exit standards study at this level.

This one-hour class continues to develop the student's ability to read, write, speak and listen with an emphasis on academic English and literature. Students sometimes concurrently enroll in ELD Tutorial. English or CP English Learners will develop literacy skills that will prepare them to read literature assigned to their English-speaking peers. Students will read novels, write formal essays and continue to study grammar and language structures. **This course counts as ENGLISH credit toward graduation but is NOT a UC-approved English course.**

211504 ELD IV Advanced CP Year 9-12 English B Requirement

ELD Proficiency: Student who score 447-487 (Intermediate, Level 3) on the CELDT are REQUIRED to concurrently enroll.

This one-hour course emphasizes study and organization skills necessary for students to have academic success. Tutors may come in to work with students. Class work consists of building necessary background for standardized state tests, including the California High School Exit Exam. **This course counts as ENGLISH credit toward graduation and is a UC-approved English course.**

Mathematics – Subject Area C (30 credits required)

313224 Integrated Math 1 CP Year 9-12 Math C Requirement

Suggested Course Preparation: Satisfactory achievement in Math 8 or placement by assessment.

Integrated Math 1 objectives includes but is not limited to the following units: modeling with functions, linear functions, linear equalities and inequalities in one and two variables, rules of motion, geometric relationships and properties and statistics. The following eight math practices will be included within the course structure: perseverance, reasoning, construction of arguments, modeling of mathematics, use of the appropriate tools of mathematics, precision, use of structure and identifying patterns.

313225 Integrated Math 2 CP Year 9-12 Math C Requirement

Suggested Course Preparation: Completion of Integrated Math 1 or placement by assessment. It is recommended that a student complete Integrated Math 1 with a grade C or better.

Integrated Math 2 objectives includes but is not limited to the following units: coordinate geometry, quadratic functions and equations, similar figures, circles and conics, probability and geometric modeling. The following eight math practices will be included within the course structures: perseverance, reasoning, construction of arguments, modeling of mathematics, use of appropriate tools of mathematics, precision, use of structure and identifying patterns.

313226 Integrated Math 3 CP Year 9-12 Math C Requirement

Suggested Course Preparation: Completion of Integrated Math 2 or placement by assessment. It is recommended that a student complete integrated Math 2 with a grade of C or better.

Integrated Math 3 objectives includes but is not limited to the following units: geometric measurement and dimension, exponential functions, trigonometric ratios and functions, functions, rational and polynomial expressions, statistics and modeling of units.

313226 Int. Math 3 Software Devlp. Year 9-12 Math/CTE C Requirement

Suggested Course Preparation: Completion of Integrated Math 2 or placement by assessment. It is recommended that a student complete integrated Math 2 with a grade of C or better.

The concentration course for the Software and Systems Development CTE Pathway. Modeling Your World #math #programming is an Integrated Mathematics III and Software Development course that explores the world of computer programming through the mathematical modeling of concepts such as polynomials, logarithms, exponentials, functions, statistics, trigonometry, and rational expressions. Through linking the real-world applicability of project-based learning, such as exponential models based on population growth, students see patterns, test hypotheses, and solve problems. Mathematical modeling is built into the course throughout and reinforced through creating and coding algorithms, teaching students the importance of clarity and precision of language whether they choose to pursue college and career goals in the field of mathematics or computer science.

313850 Statistics CP Year 11-12 Math C Requirement

Suggested Course Preparation: Completion of Integrated Math 3 or placement by assessment. It is recommended that student completed Integrated Math 3 with a grade C or higher.

This course is designed to be a project-based introduction to applied statistics. Reasoning statistically is essential to being an informed citizen and consumer. By the end of this course, students shall have a rudimentary knowledge of statistical reasoning and skills that support an informed populace.

314910 Trig/Pre Calc CP Year 10-12 Math C Requirement

Suggested Course Preparation: Completion of Integrated Math 3 or placement by assessment. It is recommended that a student earn a grade of B or better in Integrated Math 3.

The following eight math practices will be included within the course structure: perseverance, reasoning, construction of arguments, modeling of mathematics, use of the appropriate tools of mathematics, precision, use of structure and identifying patterns. The objective of this course is to prepare students for college calculus. Topics include but are not limited to the following: trigonometric functions and their inverses, graphs and identities, trigonometric laws and formulas, trigonometric equations, parametric and polar equations, limits of functions and introduction to derivatives.

316750 [AP Calculus AB](#) **Year 11-12** **Math** **C Requirement**

Suggested Course Preparation: Completion of Trig/Pre Calc CP with a grade B or better. *see AP Overview for more details.

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

316755 [AP Calculus BC](#) **Year 11-12** **Math** **C Requirement**

Suggested Course Preparation: Completion of AP Calculus AB with a grade B or better. *see AP Overview for more details.

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses. It extends the content learned in AB to different types of equations (polar, parametric, vector-valued) and new topics (such as Euler's method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. nd integral calculus. Student will be preparing to take the College Board Advanced Placement Exam.

316850 [AP Statistics](#) **Year 11-12** **Math** **C Requirement**

Suggested Course Preparation: Completion of Integrated Math 3
AP Prerequisite: Completion of Integrated Math 2

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

316850 [AP Computer Science A](#) **Year 11-12** **Math/CTE** **C Requirement**

Suggested Course Preparation: Completion of Integrated Math 2. The assumed prerequisites for entering the AP Computer Science A course include knowledge of basic English and algebra.

The capstone course for the Software and Systems Development CTE Pathway. AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities

413500 Chemistry CP Year 10-12 Physical Science D Requirement

Suggested Course Preparation: Completion of or concurrent enrollment in Integrated Math 2 or higher

Chemistry is a one-year college preparatory course in laboratory physical science. Students will study the particulate nature of matter and models of the atom as they apply to gas behavior, energy transfer, thermochemistry, molar relationships, stoichiometry, bonding, nuclear and organic chemistry, equilibrium and acid-base behavior. Laboratory experiences will be used to develop the scientific models used to explain chemical phenomena.

415500 Chemistry & Agriscience CP Year 10-12 Physical Science D Requirement

Suggested Course Preparation: Completion of or concurrent enrollment in Integrated Math 2 or higher

The concentration course for the Agriscience and Agriculture Business CTE Pathways. This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program is an in depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students develop and present a capstone soil management plan for agricultural producers, demonstrating their knowledge of the soil chemistry content learned throughout the course. In addition, students will also complete the Agricultural State Standards. Students will be involved and provided opportunities in the largest youth leadership organization, FFA. Students will complete a in a Supervised Agricultural Experience Project, maintain a California Agricultural Record Book and be introduced to many leadership opportunities through involvement in the FFA. Students will be engaged in a hands-on approach to science that will provide them practical agriculture applications and an introduction to the agricultural industry.

416500 [AP Chemistry](#) Year 11-12 Physical Science D or G Requirement

Suggested Course Preparation: Students should have successfully completed a general high school chemistry course and Integrated Math 2.

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

413900 Physics CP Year 10-12 Physical Science D or G Requirement

Suggested Course Preparation: Completion or concurrent enrollment in Integrated Math 2

Students will study density, buoyancy, kinematics, dynamics, Newton's Laws, projectile motion, energy and work, impulse and momentum, mechanical waves, as well as electricity and magnetism. Laboratory experiences and design projects will be used to develop the scientific models used to explain physical phenomena.

416900 [AP Physics 1](#) **Year 11-12** **Physical Science** **D or G Requirement**

Suggested Course Preparation: Completion of or concurrent enrollment in Integrated Math 2. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics 1 course itself.

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. LABORATORY REQUIRED.

410110 [AP Physics 2](#) **Year 11-12** **Physical Science** **D or G Requirement**

Suggested Course Preparation: Students should have completed AP Physics 1 or a comparable introductory physics course, and should have taken or be concurrently taking pre-calculus or an equivalent course.

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

817501 **Veterinary Science CP** **Year 10-12** **Life Science/Electives** **D or G Requirement**

Suggested Course Preparation: Completion of Biology and Sustainable Agriculture

The capstone course for the Agriscience CTE Pathway. Students will be exposed to careers relating to small and large animal care by studying anatomy, physiology, nutrition, and health and disease prevention. Students will be able to participate in leadership activities through the FFA Chapter. All students will develop a supervised agricultural plan and maintain records. In addition, the inter-curricular FFA program supports and enhances the materials covered in the classroom. This includes involvement in FFA activities, planning of an agriculture-based project and keeping accurate records.

416950 **Human Anatomy & Physiology CP** **Year 11-12** **Life Science** **D or G Requirement**

Suggested Course Preparation: Completion of both a Biology and Chemistry course.

Anatomy and Physiology is a focused life science course that addresses the structure, functions and ailments of the human body. Students will study the organization and functioning mechanisms of the skeletal, muscular, cardiovascular, nervous, endocrine, respiratory, digestive, urinary and reproductive systems. This course takes a lab intensive, hands-on approach to all topics, although individual textbook study is required for success.

416700 [AP Environmental Science](#) **Year 11-12** **Integrated Science** **D or G Requirement**

Suggested Course Preparation: Students should have completed two years of high school laboratory science — one year of life science and one year of physical science (for example, a year of biology and a year of chemistry). Due to the quantitative analysis required in the course, students should also have completed Integrated Math 1.

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

World Language – Subject Area E (20 credits required)

523150 Spanish 1 CP Year 9-12 Language E Requirement

Level 1 develops student proficiency in using the target language to gain and give information for personal, social, professional and educational purposes. Students will also develop cultural literacy relating to the societies that speak the target language. Students in this course are non-native speakers at the beginning level of language instruction. Instruction supports entrance to the next level of foreign language instruction.

513300 Spanish 1/Native Speaker CP Year 9-12 Language E Requirement

Suggested Course Preparation: While students may have no previous Spanish language instruction, this course is intended for students whose first language is Spanish

This course will round out students' knowledge of Spanish, teaching reading, writing, grammar, and Hispanic cultures. Instruction supports entrance to either Spanish 3 (Honors) CP.

523160 Spanish 2 CP Year 9-12 Language E or G Requirement

Suggested Course Preparation: Completion of Spanish 1 (grade C or better)

Students will continue to develop Spanish skills, expanding on their speaking, listening, reading and writing abilities. They will also continue to gain knowledge and understanding of the cultures of the Spanish language. Instruction supports entrance to the next level of foreign language instruction.

513170 Spanish 3 (Honors) CP Year 10-12 Language E or G Requirement

Suggested Course Preparation: Completion of Spanish 1/Native Speakers or Spanish 2 (grade C or better)

Level 3 will develop student proficiency in Spanish to gain and give information for personal, social, professional and educational purposes to an advanced level. Students will also develop cultural literacy relating to the societies that speak Spanish. Instruction supports entrance to the next level of foreign language instruction.

513175 Spanish 3/Native Speaker CP Year 9-12 Language E or G Requirement

Suggested Course Preparation: Completion of Spanish 1 Native Speaker CP (preferable grade B or better)

This course, conducted in Spanish, will continue to complement students' native Spanish skills with instruction in grammar, reading for comprehension and writing. Instruction prepares students for AP Spanish Language.

516130 [AP Spanish Language](#) Year 10-12 Language E or G Requirement

Suggested Course Preparation: Grade B or higher in Spanish 3 is recommended. Students are typically in their fourth year of high school-level Spanish language study. In the case of native or heritage speakers, there may be a different course of study leading to this course.

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

516110 [AP Spanish Literature CP](#) **Year 11-12** **Language** **E or G Requirement**

Suggested Course Preparation: Grade B or higher in AP Spanish Language is recommended. AP Spanish Literature and Culture is designed for students who have successfully completed at least three years of high school-level Spanish language study

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).

523200 **French 1 CP** **Year 9-12** **Language** **E Requirement**

Level 1 develops student proficiency in using the target language to gain and give information for personal, social, professional and educational purposes. Students will also develop cultural literacy relating to the societies that speak the target language. Students in this course are non-native speakers at the beginning level of language instruction. Instruction supports entrance to the next level of foreign language instruction.

523210 **French 2 CP** **Year 9-12** **Language** **E Requirement**

Suggested Course Preparation: Completion of French 1 (grade C or better)

Students will continue to develop French skills, expanding on their speaking, listening, reading and writing abilities. They will also continue to gain knowledge and understanding of the cultures of the French language. Instruction supports entrance to the next level of foreign language instruction.

513220 **French 3 (Honors) CP** **Year 10-12** **Language** **E or G Requirement**

Suggested Course Preparation: Completion of French 2 (grade C or better)

Level 3 will develop students' proficiency in French to gain and give information for personal, social, professional and educational purposes to an advanced level. Students will also develop cultural literacy relating to the societies that speak French. Instruction supports entrance to the next level of foreign language instruction.

516120 [AP French Language CP](#) **Year 10-12** **Language** **E or G Requirement**

Suggested Course Preparation: Grade B or higher in French 3 is recommended.

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Visual or Performing Arts – Subject Area F (10 credits required)

515420 Advanced Band CP Year 9-12 VPA F or G Requirement

Suggested Course Preparation: Proficiency with a band instrument

Advanced Band is for the most advanced instrumental musicians. The Advanced Band performs 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. The director schedules required performances.

512680 Jazz Ensemble CP Year 10-12 VPA F or G Requirement

The Jazz Ensemble 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. The director schedules required performances. The course may be repeated for additional credit.

516375 [AP Music Theory](#) Year 10-12 VPA F or G Requirement

Suggested Course Preparation: Students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument.

The AP Music Theory course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, sight singing, and harmony, are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are also emphasized.

515850 Adv Ceramics CP Year 10-12 VPA F or G Requirement

Students in Advanced Ceramics continue to explore techniques in a variety of media to express their thoughts, using the visual language of form, space, color and texture. There is an emphasis on individual artistic expression and aesthetic inquiry.

515340 Adv Drama CP Year 9-12 VPA F or G Requirement

Drama provides improvement in oral communication and is designed to reduce inhibitions. Students will experience training in pantomime, stage movement, improvisation, basic character development, makeup and costume, theater language, stage presence and work in front of a live audience. Students will do group and individual projects with some out-of-class studies.

8120130 Stagecraft CP Year 10-12 VPA F or G Requirement

Suggested Course Preparation: Completion of Advanced Drama

Stagecraft aligns with several California Common Core State Standards in English, Algebra, Geometry, Mathematical Modeling and Number and Quality. This course builds upon students' prior skills acquired in Math, English and previous theatre courses and provides real world extensions and practice with these skills. The course requires extensive reading of a variety of genres, both fiction (mostly plays) and non-fiction (including reviews, blueprints, historical and cultural manuals and industry reports) with a consideration of industry, historical and cultural context. Course work builds proficiency in analytical reading and writing of plays and other scripts with respect to determining a theme or central idea and analyzing how an understanding of author's purpose and audience determines the needs of a performance in all areas of theatrical construction and development. Students will be able to analyze information from multiple sources and will synthesize the information to create scale and mathematically accurate blueprints, designs and actual constructions of sets, props and other theatrical needs. Students will learn industry specific language and vocabulary necessary for both construction and analysis. By maintaining a professional style and tone in both their spoken and written arguments, students will show their learning of the industry standards and how to write and speak for a specific audience.

815670 Adv. Multi Media CTE Year 11-12 VPA/CTE F or G Requirement

The concentration course for the Production and Managerial Arts CTE Pathway. The purpose of this course is to provide a project-based visual arts program, which guides students to achieve the standards in the visual arts and career technical training, by providing students with the technical instruction and practical experiences for aspiring video and film makers in the production of film, video, and new media projects for business and entertainment. Students experience both the creative and technical aspects of filmmaking in conjunction with learning about historical and contemporary traditions and conventions. Students are instructed on the three stages of project creation. In pre-production, students learn the basic principles of story development, screenplay writing, storyboarding, scheduling and budget planning. Instruction in the production stage includes basic visual composition, color theory, set up and operation of camera, sound, and lighting equipment. Students learn to use cutting-edge software applications for video and audio post-production. Mastering and delivery methods, in both traditional and new media, are explored. The competencies in this course are aligned with the California High School Academic Content Standards and the California Career Technical Education Model Curriculum Standards. Interdisciplinary experiences and arts activities lead to refining a personal aesthetic, and a heightened understanding of career opportunities in art and arts-related fields.

812600 Video Production CTE Year 11-12 VPA/CTE F or G Requirement

Suggested Course Preparation: Completion of Advanced Multimedia/CTE course

The capstone course for the Production and Managerial Arts CTE Pathway. Enter into the world of documentary filmmaking as you pursue exposés and breaking news, including helping to produce the weekly RCTV shows. Cover events and activities in and around the school in order to keep the student body, faculty and community informed as to what's happening at Live Oak High School. Learn how to read the news on camera, interview people and create news packages. Advanced Video Production students are required to cover after school activities including sporting events and other events or activities that happen throughout the year. Video Production will be the final, capstone course in the CTE pathway for Visual and Performing Arts/ CTE. The class will fulfill either the F or G elective category. The Advanced Multimedia course is the required "concentration" course that students should take in their sophomore or junior year prior to Video Production. The state requirement that CTE courses have pathways informed the development of the course. It was modeled after several existing courses that are already UC approved.

515750 Adv Studio Art CP Year 10-12 VPA F or G Requirement

This course offers the more advanced art student the challenge and opportunity to improve on the basic fundamentals and skill levels, while introducing them to a broader scope of media and art history. Students will show their art work and are encouraged to enter contests as they develop their portfolios.

516750 [AP Studio Art](#) Year 10-12 VPA F or G Requirement

Suggested Course Preparation: Completion of Advanced Studio Art CP

The AP Program offers three studio art courses and portfolios: 2-Dimensional Design, 3-Dimensional Design, and Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. The three portfolios correspond to the most common college foundation courses. Students may choose to submit any or all of the Drawing, 2-Dimensional Design, or 3-Dimensional design portfolios. Students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

**812020 The Art and History Year 10-12 VPA/CTE F or G Requirement
 Of Floral Design CP**

Suggested Course Preparation: Completion of prior Agriculture course

A capstone course for the Agriculture Business CTE Pathway. This class involves the fundamentals of floral design theory, techniques and skills currently practiced in the floral design industry, including wedding, sympathy, party, holiday and themed floral designs. Subjects will include applied art principles, cut flower care & handling practices, proper and safe use of florist tools and materials, pricing of floral products and use of current floral business technology. Skills to be developed include customer relations, consultations, pricing and use of technology in the industry. Course instruction also includes construction of corsages, floral arrangements, foliage plant items, introductory ornamental horticulture, identification of plants and flowers, professional industry organizations and career opportunities. Construction and servicing of special events, party and holiday floral displays are included. In addition, the inter-curricular FFA program supports and enhances the materials covered in the classroom. This includes involvement in FFA activities, planning of an agriculture based project and keeping accurate records.

Electives and CTE - Subject Area G (30 credits required)

**Any coursework taken beyond graduation requirements taken in Subject Areas A – F will count as Subject Area G Requirement*

**815660 Advanced Journalism/
 Technical Writing CP Year 10-12 Electives/CTE G Requirement**

Advanced Journalism/Technical Writing provides advanced training in writing with emphasis on researching, writing, re-writing and editing material for publication. Students in this course write for and publish Live Oak’s student yearbook. Students will learn to think about, discuss critically and write about the ideas of literature and to relate these ideas to current social issues and community and campus concerns. Students will learn the computer skills required for modern publishing methods. The objectives of this course include the production of the school yearbook. Students are involved in every step of the production process including writing copy, editing, photography, advertising sales, page design and layout.

K00354 Adv Foods CP Year 9-12 Electives/CTE G Requirement

The concentration course for the Food Service and Hospitality CTE Pathway. This course develops knowledge and skills needed to meet individual food needs through nutrition and food preparation. The course develops students’ knowledge and skills needed to prepare meals and deal with nutritional challenges throughout the life cycle. Units will include nutritional problems, planning and marketing for various lifestyles, ethnic food preferences and income levels, as well as food preparation for meals and special occasions. The course meets the Consumer and Family Studies

content area standards in Food and Nutrition and established by the California Department of Education in the Career and Technology Education ("CTE") 2013 standards and supports the Common Core Standards.

812840 Culinary Arts Year 10-12 Electives/CTE G Requirement

Suggested Course Preparation: Completion of Advanced Foods

The capstone class for the Food Service and Hospitality CTE Pathway. Throughout the year students "virtually travel" around the globe exploring the many reasons why people eat the foods they eat. In this interactive, hands-on, project oriented class, students practice cooking techniques from many cultures, learn about foods' nutritional value, and eat exotic dishes they learn about.

120350 Leadership/ASB Year 9-12 Electives G Requirements

Students experience working together in teams to run all ASB activities and business. School lunchtime activities, sports and clubs are included. Leadership curriculum and experiences offer the building of leadership skills and an understanding of leadership responsibilities.

220900 AVID Year 9-11 Electives G Requirements

Suggested Course Preparation: Interview process and AVID guidelines

AVID is designed to increase the number of students who enroll in four-year colleges. Although AVID serves all students, it focuses on the least served students in the academic middle. AVID raises expectations of students and provides support for their success. AVID students are enrolled in the school's most challenging courses including Advance Placement and received support in an academic elective class within the school day by a trained AVID teacher and college tutors. AVID students develop academic study skills including note taking, text reading and using writing as a tool of learning as a basis for all assignments.

120900 AVID Senior Seminar Year 12 Electives G Requirement

Suggested Course Preparation: Completion of AVID and teacher recommendation

The AVID Senior Seminar prepares students for entrance into four-year colleges by emphasizing analytical writing, preparation for college entrance and placement exams, college study skills, oral language development, note taking, and research. Seminar students are expected to participate in, and eventually act as moderators for, Socratic Seminars. In addition, students are required to make oral presentations to the class on topics related to career searches, contemporary issues, and social concerns, all the while focusing on a culminating senior paper, portfolio, and/or project.

812050 Agriculture Sales & Service Year 11-12 Electives/CTE G Requirement

Suggested Course Preparation: Completion of previous Agriculture classes - offered in the summer

A capstone course for the Agriculture Business CTE Pathway. Integrating leadership skills and career exploration, this class introduces students to highly individualized areas of the agriculture industry relevant to sales, service and production. The inter-curricular FFA program supports and enhances the materials covered in the classroom. This includes involvement in FFA activities, planning of an agriculture-based project, and keeping accurate records.

612650 Woodworking Year 9-12 Elective/CTE G Requirement

personal fitness goals. Students will be formally evaluated by the instructor on a quarterly basis and be responsible for maintaining a personal workout log.

Special Education

**The following courses are available for students within the following programs:
RSP, TSDC, and Mod-Severe SDC*

919370	World History	Year 10-12	Social Studies	A Requirement
---------------	----------------------	-------------------	-----------------------	----------------------

Based on California State Standards, students who meet eligibility criteria for RSP/SDC services will receive modified instruction in basic concepts and precepts surrounding World History, including significant historical characters, places and events leading to present day. Major topics include basic geography, study of historical and current countries worldwide, political, agricultural and economic factors leading to the rise and fall of nations; review of these historical events and how they apply to modern nations today. **This course satisfies the Social Studies graduation requirement.**

919830	U.S. History	Year 11-12	Social Studies	A Requirement
---------------	---------------------	-------------------	-----------------------	----------------------

Based on California State Standards, students who meet eligibility criteria for RSP/SDC services will receive modified instruction in basic concepts and precepts surrounding the history of the United States. Major topics include the birth of our nation, the Constitution, rise of industry, Imperialism, The Roaring 20's, WWI, The Great Depression, WWII, The Cold War, Vietnam, Civil Rights and issues and events leading to present day. **This course satisfies the Social Studies graduation requirement.**

919380	Civics	Sem Year 12	Social Studies	A Requirement
---------------	---------------	--------------------	-----------------------	----------------------

Based on California State Standards, students who meet eligibility criteria for RSP/SDC services will receive modified instruction on the major concepts and perspectives in political science and government. Students will be given the opportunity to gain a deeper understanding of the operation of our legal system. Students will participate in experiences designed to develop an appreciation of the ethical beliefs supported by American Society. This course includes mandatory attendance at local civil functions, including city council, planning commission and Board of Education meetings. **This course satisfies the Social Studies graduation requirement.**

919390	Economics	Sem Year 12	Social Studies	A Requirement
---------------	------------------	--------------------	-----------------------	----------------------

Based on California State Standards, students who meet eligibility criteria for RSP/SDC services will receive modified instruction on how the free market operates and distributes goods and services. The course will discuss uses of credit, investments, saving and spending strategies of the consumer. Students will learn business axioms of supply/demand, profit motives, finance and production of goods, economic theory, monetary policy use and banking. Students will understand concepts of inflation/deflation, employment/unemployment and their effects on the economy. **This course satisfies the Social Studies graduation requirement.**

919700	English Skills	Year 9-12	English	B Requirement
919715				
919713				

Based on California State Standards, students who meet eligibility criteria for RSP/SDC services will receive modified instruction and intensive remediation in reading and written language skills. Students will practice reading, writing, listening and speaking skills in an integrated, literature-based program that emphasizes and understanding of

the basic elements of English. In addition, students will develop appropriate language and communication skills. **This course satisfies the English graduation requirement.**

919600 Math Skills Year 9-12 Math C Requirement
919100
919150

Based on California State Standards, student who meet eligibility criteria for RSP/SDC services will receive modified instruction and remediation in basic math concept necessary to meet individualized math goals and objectives. This course reviews and reinforces the basic operations of addition, subtraction, multiplication, division of whole numbers, fractions, decimals, percentages up to and including pre-Algebra I applications. Practical applications of these math skills are taught as a component of vocational education. **This course satisfies the Mathematics graduation requirement.**

919420 Biology Year 9-12 Life Science D Requirement

Based on California State Standards, student who meet eligibility criteria for RSP/SDC services will receive modified instruction and remediation in basic biological concepts. This course is devoted to scientific vocabulary, fundamental concepts, investigations, experimentation and processes of our living world. The student is given a systematic and comparative investigation of many representative organisms, from simple to complex, in order to better understand man's place in the environment and ecology of our living planet. In addition, students will learn and discuss the vital role humans play in the stewardship of planet Earth. **This course satisfies the Science graduation requirement.**

919480 Physical Science Year 9-12 Physical Science D Requirement

Based on California State Standards, student who meet eligibility criteria for RSP/SDC services will receive modified instruction in basic Physical Science concepts. This course reviews scientific vocabulary, investigations, experimentation and emphasizes a general understanding of physics. It encompasses scientific measurement, energy, magnetism, basic chemistry, the periodic table of elements, compounds, light, sound and electricity. In addition, students will be given the opportunity to complete hands-on projects to reinforce academic areas covered in this course. **This course satisfies the Science graduation requirement.**

919575 Job Success Year 9-12 Electives

Students who meet eligibility criteria for RSP/SDC services may take this course. This course is specifically designed for students who receive varying degrees of accommodated or modified instruction in mainstream CP academic courses and who need additional individual/small group instruction to assist with academic coursework, homework, test-taking strategies and study skills as specified on their individualized education program plans (IEPs). **This course receives Applied Arts and/or Elective credit towards graduation.**

919455 Life Skills Year 9-12 Electives
3212

Students who meet eligibility criteria for SDC/TSDC services may take this course. This course is designed for students who receive varying degrees of SDC instruction who need additional individual/small group instruction to assist with coursework and transitional instruction.

919400 Science Skills Year 9-12 Science/Electives

919440

Students who meet eligibility criteria for SDC/TSDC services may take this course. This course is designed for students who receive varying degrees of SDC instruction in the area of science.

919350 Social Studies Skills Year 9-12 Science/Electives
919440

Students who meet eligibility criteria for SDC/TSDC services may take this course. This course is designed for students who receive varying degrees of SDC instruction in the area of social studies.