



LIVE OAK HIGH SCHOOL
Course Catalog & Registration Information
2026-2027

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Live Oak, CA 95953

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LIVE OAK HIGH SCHOOL

Registration Information & Instructions 2026 - 2027

1. Review the graduation requirements listed on the next page. These are the minimum requirements you must complete—along with the Senior Project—in order to graduate. If you have any questions, please speak with your counselor.
2. Each course includes a brief description that provides an overview of what the class covers.
3. Identify your post-secondary goal (plans after high school), such as attending a university, community college, trade school, joining the military, or entering the workforce. Discuss this important decision with your parents, meet with your counselor, and review the college requirements outlined on page 3 of this guide.
4. Select required courses first, carefully reading each description. Then choose electives that match your interests, strengths, and career goals. Keep in mind that your selections are for the entire school year. Schedule changes must be approved and can only be made during the first week of the semester.
5. Complete the registration form for your grade level and submit it to the counseling office. We strongly encourage you to make your selections in consultation with your parents and counselor.

LIVE OAK HIGH SCHOOL

2351 PENNINGTON ROAD

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GRADUATION REQUIREMENTS

1. Graduates must have 260 semester credits (150 credits of required courses plus 110 credits of electives) successfully completed (a grade of an “A” to “D-” in each).
2. Each of the seven classes a student takes receives 5 credits per semester.
3. Each school year a student should earn 70 credits (35 each semester).
4. Completion of the Senior Project, senior year.

Subject	Years	Credits (Total=260)	Page(s)
English	4	40	6-8
History/Social Science	3	30	9-10
Mathematics (<i>Must Pass Integrated Math I</i>)	2	20	11-12
Science (<i>1 yr. Life Sci & 1 yr. Physical Sci</i>)	2	20	13-14
Physical Ed.	2	20	15-16
Fine Arts, Foreign Language <i>or</i> Career Technical Education (CTE)	1	10	17-27
State Requirements (SR)/Life Skills	1	10	28
Electives	- - -	110	28-30

College Requirements

California State University (CSU) & University of California (UC) A-G Entrance Requirements

Any student who plans to attend a university upon graduation from high school should at least meet the minimum requirements for the California State University System.

Subject	Years
English (b) <i>(Eng 9-12, Eng 9 & 10 Honors, AP English)</i>	4
Mathematics (c) <i>(Integrated Math 1, Integrated Math 2, Integrated Math 3, Trigonometry)</i>	3-4
Laboratory Science—1 Life & 1 Physical (d) <i>(Integrated Science 1- 3, Anatomy, Physics)</i>	2-3
Social Science (a) <i>(U.S. History, AP U.S. History, World History, AP World History, Government)</i>	2
Foreign Language (e) <i>(Spanish 1-3, AP Spanish, Punjabi 1-3)</i>	2-3
Visual & Performing Arts (f) <i>(Art, Band, Choir, Drama, Drumline, Floral Design, Music Appreciation, Music Tech & Production, Ag Con & Engineering)</i>	1
Elective (g) <i>(1 yr. extra from above or approved elective (ex: AVID, Ag Science 1, Economics, Calculus, Intro to Ag Shop)</i>	1

 --Indicate courses that meet A-G Requirements

CSU/UCs

Students must challenge themselves by taking advanced classes and earning good grades in order to compete for the spaces available at the freshman level. The increasing number of students applying for admissions to both the University of California (UC) and California State University (CSU) systems has allowed the colleges to be more selective.

Private & Out of State Universities

Students who plan to attend a private university or university outside of California should consult the school website or catalog for entrance requirements.

Community Colleges

Community college applicants do not need to meet course requirements for entrance. However, students are sometimes placed into courses based on high school transcripts and only a rigorous course schedule will prepare you for the challenges that college will present. Live Oak High School has partnership programs with both Yuba Community College and Butte Community College.

SAT/ACT

- UC's: No longer use SAT/ACT scores to determine admissions
- CSU's: No longer use SAT/ACT scores to determine admissions
- Community Colleges: Do not require SAT/ACT
- Private/Out of State Schools: admissions requirements vary

CAREER PATHWAYS

Students are encouraged to enroll in a Career Pathway. Career Pathways are a sequence of courses students take to enhance their workability skills and give them exposure to careers.

Live Oak High School offers the following Career Pathways:

Career Pathway: Ag Mechanics

- Intro to Ag Shop (Concentrator)
- Ag Construction & Engineering/Ag Construction & Maintenance (Completer)

- Intro to Ag Shop (Concentrator)
- Farm Equipment (Completer)

Career Pathway: Cosmetology

- ROP Cosmetology (Completer)

Career Pathway: Design, Visual & Media Arts

- Intro to Music Technology & Production (Concentrator)
- Advanced Music Technology & Production (Completer)

Career Pathway: Food Service & Hospitality

- ROP Restaurant Management (Completer)

Career Pathway: Information Support & Services

- Computer Applications (Concentrator)
- Computer Graphics (Completer)

Career Pathway: Ornamental Horticulture

- Horticulture (Concentrator)
- Floral Design (Completer)

Career Pathway: Patient Care

- ROP Medical Occupations (Completer)

ENGLISH COURSES

ONE COURSE IS REQUIRED EACH YEAR (40 CREDITS FOR GRADUATION)

Students must take one (1) English class each year. Choices or levels available in the 9th through the 12th grade -- Regular English, and Honors/AP English. See your counselor and talk to your parents before deciding.

Regular English Classes -- English 9, English 10, English 11, & English 12 ✍

All regular English classes provide in-depth study of English language mechanics, reading and writing skills, as well as literature -- plays, poetry, short stories, novels, non-fiction and other forms. Teachers use group work as well as individual assignments to raise skill levels to meet the challenge of Common Core standards. Google chrome books are used on a regular basis to allow students to produce quality multimodal projects as well as written assignments. Chrome books, Google Drive, and other online applications are used on a regular basis to allow students to read, annotate and analyze complex texts, produce writing and multimodal projects, and collaborate with classmates. English 9, 10, 11, and 12 are college preparatory.

Honors English Classes -- English 9H, English 10H ✍

***Recommendation:** A grade of "B" or better in your previous semester Honors English class *or* an "A" in regular English.

All honors English classes provide the same instruction toward state standards as regular English classes. In addition, students complete a rigorous program specifically designed for future Advanced Placement English courses and college preparation. Increased focus on independent work and project based work.

AP English Language and Composition ✍

Grade: 11

***Recommendation:** One or more of the following: a) A grade of "B" or better in previous English class. b) An aspiration to enhance composition and language skills and willingness to challenge yourself in college-level English (must have a teacher recommendation from your previous English class).

Students engage in reading a variety of texts and are taught basic elements of rhetoric: writing with a purpose, addressing and appealing to an audience, creating effective text structures, and affecting an appropriate style. Students also learn argumentation and the skills of synthesizing, summarizing, paraphrasing, quoting and citing proper source material. This class meets the requirements of the Advanced Placement program and is the entry English course for the college level in eleventh grade. Upon completion of the class students will have the opportunity to take the AP Exam for advanced college placement and credit. There is a fee associated with the AP exam (cost subject to change each year).

AP English Literature and Composition ✍

Grade: 12

***Recommendation:** One or more of the following: a) A grade of "B" or better in your previous English class. b) An aspiration to enhance composition and language skills, and willingness to challenge yourself in college-level English (must have a teacher recommendation from your previous English class).

An AP course in English Literature and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and 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 generic conventions and the resources of language contribute to effectiveness in writing. This class meets the requirements of the Advanced Placement program and is the honors level class for twelfth grade students. Upon completion of the class students will have the opportunity to take the AP Exam for advanced college placement. All fees associated with the test are the responsibility of the student (cost subject to change each year).

ENGLISH LANGUAGE DEVELOPMENT (ELD)

English Language Development– (ELD)

***Prerequisite:** Students must be a designated English Language Learner (ELL) and are placed in ELD courses according to individual assessment results.

ELD 1 Conversation and Content Vocabulary

The focus of the **English Language Development (ELD) I** course is to provide an articulated system of instruction that enables beginning English Language Learners in grades 9 - 12 to gain proficiency in English so they are prepared to transition from “Emerging” to “Expanding” English Proficiency. The intent of the course is to provide English instruction at just above the student's English proficiency level with the aim of having students progress through the ELD levels to acquire proficiency in listening, and speaking.

English ELD 1- Reading and Writing

The focus of the **English Language Development (ELD) I** course is to provide an articulated system of instruction that enables beginning English Language Learners in grades 9 - 12 to gain proficiency in English so they are prepared to transition from “Emerging” to “Expanding” English Proficiency. The intent of the course is to provide English instruction at just above the student's English proficiency level with the aim of having students progress through the ELD levels to acquire proficiency in reading and writing.

ELD III ✍️

This course is designed for advanced English Learners, EL students who have scored an intermediate or above on the English Language Proficiency Assessments for California, ELPAC. Students enrolled in this course acquire: academic and vernacular vocabulary, grammar, sentence structure, reading of non-fiction and fiction texts and writing. Students read non-fiction and fiction texts of demanding length and complexity in various genres to prepare them for mainstream English and other content areas. Through quality collaborative instruction, a print and technologically-rich environment, and ample public speaking opportunities students will increase and improve their academic language proficiency in all domains: listening, speaking, reading, and writing. Students are involved in expository, reflective and narrative writing that shows deep understanding of the various genres.

<p style="text-align: center;">ENGLISH INTERVENTION COURSES DO NOT SATISFY ENGLISH REQUIREMENT</p>
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English Intervention

Grade: 9-12

***Prerequisite:** Students are assessed prior to taking the intervention, and must fit a targeted range to be enrolled.

Students qualifying for the intervention class will be enrolled in a year-long intervention designed to improve reading and core-content study skills. Students will spend time using the SRA FLEX Literacy Program. FLEX fosters reading achievement for all learners using powerful technology that individualizes instruction, motivates students, and accelerates learning. FLEX is categorized into three different learning experiences- small group based learning, project based learning, and individualized instruction via technology. This course is in addition to a regular English class.

SOCIAL STUDIES COURSES

ONE COURSE IS REQUIRED EACH YEAR (30 CREDITS FOR GRADUATION)

World History ✍

Grade: 10

In this course students examine major historical events and their role in shaping the modern world from the late 17th century to the present. Discussion of current issues between parents and students is highly recommended. Reading material assigned is critical to student success.

AP World History: Modern (1200AD to Modern Day) ✍

Grades: 10 - 12

***Recommendation:** 10th Grade: “A” in English 9 *or* at least a “B” in English 9 Honors
11th/12th Grade: “B” *or* better in US *or* World History

This course is designed for the university-bound students who are expected to possess the reading, writing and research skills necessary for college- or university-level work. The major focus of this course is preparation for the AP World History Test. Students will engage in the process of framing an inquiry, selecting relevant sources and organizing evidence in support of a thesis. Primary and secondary sources of information will be examined and analyzed. Students will build on their skills in logic, analytical reading, critical thinking and high-level expository writing. Students who complete the course are encouraged to take the college level examination. A successful performance on the advanced placement exam will enable students to obtain college credit in World History at selected colleges and universities. This course follows the national AP World History framework and builds an understanding of cultural, institutional, and technological themes that have changed societies and nations around the globe.

U.S. History ✍

Grade: 11

This course begins with a selective review of the United States history from colonial times to the end of the 19th century. It continues with an in depth study of America from 1900 to the present. Students examine major turning points in the 20th century with an emphasis on the growth and the development of the U.S. as a world power.

AP United States History ✍

Grades: 11 & 12

***Recommendation:** 11th Grade: “A” in English 10 *or* at least a “B” in English Honors
12th Grade: “B” *or* better in US *or* World History

U.S. History (AP) is a course spanning American history from the colonial period through the 1980’s. This course is designed to meet district and state high school graduation requirements in American history while giving the advanced student intensive and accelerated instruction in the major periods of American history. Emphasis in the course will be on the development of conceptual knowledge, research and writing skills, and higher levels of thinking. Summer reading prior to school opening will be required. Students can earn college credit for this course by their performance on an advanced placement exam offered in May.

American Government (1st semester-12th Grade)

American Government is a semester-long course in which students will:

- Enhance their understanding of the institutions of United States government
- Compare different systems of government in the world today
- Analyze the history and changing interpretations of the Constitution, Bill of Rights, and the legislative, executive, and judiciary branches of government

An emphasis is placed on analyzing the relationship among federal, state and local governments. The course is based on the 12th grade state standards in the area of social studies. The course is aimed at helping students develop critical thinking skills and an understanding of the principles of United States government.

Economics (2nd semester-12th Grade)

Economics is a semester-long course in which students will explore a number of important economic questions:

- How is economics about scarcity, investment, growth, employment, competition, protection, entrepreneurship, and markets?
- How do worldwide markets affect me?
- How does the United States economy work?
- What does it mean to be financially literate?

The study of economics provides students with a unique opportunity to consider the impact of choice on individuals, groups, and institutions. The course is based on the 12th grade state standards in the area of social studies.

<h2 style="margin: 0;">MATHEMATICS COURSES</h2> <p style="margin: 0;">TWO COURSES ARE REQUIRED BEFORE GRADUATION (20 CREDITS)</p>

It is recommended that students take math classes in the 9th and 10th grade years. All students must pass Algebra 1 or Integrated Math 1 prior to graduation. Students who will attend a four-year university directly from high school must take and pass math through Integrated Math 3 with a grade of at least a “C”. A fourth year of math is recommended for all college bound students.

Suggested Sequence of Integrated Math Courses

<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
Integrated Math 1A	Integrated Math 1B	Integrated Math 2	Integrated Math 3
Integrated Math 1	Integrated Math 2	Integrated Math 3	Trigonometry
Integrated Math 2	Integrated Math 3	Trigonometry	Calculus

Integrated Math 1A/1B

Grade: 9

Integrated Math 1A/1B is a two year long sequence of courses that meets the Integrated Math 1 requirement and two year high school math requirement.

Integrated Math 1

Grades 9 - 12

***Prerequisite:** a passing in Math Readiness or 8th grade math

Integrated Math I course is to formalize and extend the mathematics that students learned in middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, Statistics, and Probability. **Students must pass 10 credits of Integrated Math I in order to graduate.**

Integrated Math 2

Grades: 9 - 12

***Prerequisite:** “D” or better in Integrated Math 1

This course satisfies the California Common Core State Standards for Integrated Math 2. This course will engage students in learning the principles, processes, skills and techniques of the second level of Algebra and Geometry. The focus of this course is to extend students’ knowledge of functions from linear and exponential functions to quadratic functions, exponents to rational exponents, number systems to include irrational and complex numbers, and probability to include mutually exclusive events, independent events and conditional probability. Students will write geometric proofs and build a formal understanding of similarity using dilations and proportional reasoning and use similarity to understand right triangle trigonometry.

Integrated Math 3 ✍

Grades: 10 - 12

***Prerequisite:** “C” or better in Integrated Math 2

Integrated Math 3 is the third course of the three course sequences including Integrated 1, 2 and 3. It integrates Algebra, Geometry, Trigonometry and Statistics under the Common Core State Standards. The course extends the mathematics students learned in 1 and 2. Students expand their repertoire of functions to include polynomial, rational, and radical functions. The expand study of right-triangle trigonometry to include general triangles. They bring together data, functions, and geometry to create models and solve contextual problems.

Trigonometry ✍

Grade 11 & 12

***Prerequisite:** “C” or better in Integrated Math 3

Pre-Calculus/Trigonometry combines the material from Trigonometry and Pre- Calculus into one course. The first semester of the course is Trigonometry which includes trigonometric ratios and functions; inverse trigonometric functions; fundamental trig identities; and applications of trigonometry, including vectors and laws of cosine and sine. The second semester of this course is Pre-calculus, where the foundations of algebra and functions developed in previous courses will be extended to new functions, including exponential and logarithmic functions, and to higher-level sequences and series. The course is designed for students who expect math to be a major component of their future college and career experiences, and as such it is designed to provide students with strong foundations for calculus and other higher-level math courses.

Calculus ✍

Grade 12

***Prerequisite:** A “C” or better in Trigonometry.

Calculus is a full year course in differential and integral calculus. The course will cover 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.

SCIENCE COURSES

TWO COURSES ARE REQUIRED BEFORE GRADUATION (20 CREDITS)

One life science class and one physical science class must be taken prior to graduation. Some classes from other departments qualify as fulfilling this requirement. See the notes below. It is recommended that college prep students take additional science classes in the junior and senior years.

Science Course Sequence

University Track (Recommended):

Integ Sci 1 *to* Integ Sci 2 *to* Integ Sci 3 *to* Anatomy & Physiology or AP Biology or Physics

High School Graduation Track:

Integrated Sci 1 or Agriculture Sci 1 *to* Integrated Sci 2 or Agriculture Sci 2

PHYSICAL SCIENCE COURSES

Integrated Science 1 ✍

Grade: 9

This is a laboratory-oriented course designed to give students experience interpreting data and arriving at scientific principles. Laboratory work is closely correlated to text and class discussion. Through a variety of methods such as labs, problem based situations and guided inquiry, students are given a more in-depth science foundation, develop useful laboratory skills, and use mathematics to solve scientific problems. This course will emphasize the important facts, theories, laws, and principles of physics and earth science in an integrated way. Students will be required to not only know and understand the concepts but also mathematically predict and control outcomes of various situations. This course meets the UC/CSU physical science lab requirements.

Integrated Science 3 ✍

Grades: 11 & 12

***Prerequisite:** Completion of Integrated Math 2 with a “C” or better

Integrated Science 3 will mainly focus on chemistry with concepts of Earth science being integrated as they relate to the chemistry topics. Students will be introduced to concepts in chemistry that they will encounter in their first semester of college chemistry in most university and junior colleges. Those topics include: matter and change, atomic structure, the Periodic Table, chemical bonding, chemical names and formulas, chemical reactions, stoichiometry, gas laws, and solutions. Students will master concepts through lecture, laboratories, and multiple assessments. This course relies heavily on higher levels math skills as this is a college preparatory class. This course meets the UC/CSU science lab requirements.

Physics ✍

Grades 11 & 12

***Prerequisite:** Completion of Integrated Math 2 with a “C” or better

This course emphasizes the solving of word problems using trigonometry, geometry, and algebra. This course studies the actions and interactions of everyday situations. It focuses on kinematics, mechanics, and optics along with other fields of physics. This course is designed to prepare students for a college physics course. It will challenge students who have excelled in physical science. Successful completion of both a physical science and a life science is required for placement in Physics. This course meets the CSU/UC science lab requirement.

LIFE SCIENCE COURSES

Integrated Science 2 ✍

Grades: 10 - 12

This course focuses on Life Science while integrating Earth Science concepts. Labs are designed to deepen student understanding of life on Earth and the interactions between biotic and abiotic systems. Course content will include: Ecology-Human Impact, Climate Change and Biodiversity, Cycles of Matter, Evolution, Biological Systems, and Genetics and Development. This course meets the CSU/UC science lab requirement.

Anatomy & Physiology ✍

Grades: 11 & 12

***Prerequisite:** A grade of “B” or better in both semesters of Integrated Science 2.

Anatomy & Physiology is a course designed to extend the student’s knowledge and understanding of the human body in respect to its structure and function. It includes an in depth study of the body systems that maintain homeostasis from anatomical, physiological, and histological perspectives. The areas covered will include: medical terminology, basic chemistry, cell tissue and structure, and systems of the human body. Laboratory work will be required. This class should prepare students to take an introductory college level anatomy and physiology course. This course meets the UC science requirement.

PHYSICAL EDUCATION COURSES

TWO COURSES ARE REQUIRED BEFORE GRADUATION (20 CREDITS)

Football Strength & Conditioning

Grade 2nd sem 10th grade - 12

Course does not count towards 2 year PE requirement

This class will promote students' knowledge in developing, tracking, and learning about resistance, conditioning, speed, plyometric, and agility training as it relates to football and/or general athletics. Tests and measurements of strength, speed, jumping (both vertically and horizontally), as a means of evaluating progress, will be part of this course. Students will be using an instructor designed workout plan with a goal of building strength safely, correcting postural issues, increasing linear speed, reducing sport related injuries, fostering an appreciation for strength and conditioning, and building team camaraderie. The prerequisite for the course is that the student/athlete must be a member of the varsity football team, with an understanding that if they are a senior, they will be exited from the class at the end of semester 1 to make room for the incoming sophomores.

Freshman Physical Education (Course 1)

Grade 9

The freshman physical education program is designed to provide students with the knowledge and competency in various movement patterns and strategies in individual and dual sports. Students will also work towards improvement in their fitness in accordance with the state test and show a deeper understanding of fitness concepts principles and strategies. The goal is to emphasize self-responsibility as well as work cooperatively in small groups to achieve success in physical activity. Activities may include Table Tennis, Disc Golf, Badminton, Dance, Tumbling, Self Defense, Spikeball, Fitness Journals, Soccer, Lacrosse, and Adventure Races.

**Students should have completed and passed their Freshmen Physical Education (Course1) before taking any of the 10-12th grade classes.*

Physical Education (Course 2)

Grades: 10 - 12

This course will build on the knowledge and skills developed in Freshmen PE emphasizing team and larger group activities. Students will continue their fitness growth by planning their future fitness plans with an understanding that as they age plans will need to be modified or changed according to ability and age. Activities may include Flag Football, Team Handball, Tennis, Ultimate Frisbee, Pickleball, Volleyball, Softball, Basketball, Badminton, and Adventure Races.

Team Games & Dance for Fitness

Grades: 10 - 12

This course is offered to self motivated students who have met the freshmen requirements for physical education. This class will focus on team sports and games 2-3 days a week with a dance

fitness focus the other 2-3 days a week. The sports focus will be on further building individual skills, team strategies, leadership on the court, and teamwork skills. The dance fitness portion will focus on Zumba and HIIT workouts so that students enjoy their fitness. You do not need to have any dance skills to join this class, but you must be dance motivated.

Weightlifting

Grades: 11- 12

****Course does not count towards 2 year PE requirement****

Students in Strength and conditioning training will have a wide range of exercises to develop their skills with a focus on mind, mobility, stability, strength, endurance, power, speed, agility and performance. There will be a program focusing on strength, power, speed, agility, conditioning, flexibility, recovery, and nutrition. Where training programs will be periodized with percentages varying each week so students can reach their goals within each cycle. The course will focus on students getting stronger, reducing injuries and teaching lifelong fitness and movement skills. Students will be expected to improve their performances through specific lifts and activities and will have a variety of tests so students can demonstrate their knowledge!

VISUAL AND PERFORMING ARTS COURSES

ONE VISUAL AND PERFORMING ARTS OR FOREIGN LANGUAGE COURSE OR
CAREER TECHNICAL EDUCATION COURSE IS REQUIRED BEFORE GRADUATION
(10 CREDITS)

VISUAL ART

Art 1 ✍

Grades: 9 - 12

This course introduces the studio arts pertaining to drawing and basic painting. The course will emphasize the basic elements of art through various drawing techniques introduced to the student. The student will have the opportunity to create works in various mediums and also gain the ability to analyze and respond to various works, including their own. Students will be introduced to numerous cultural and historical genres and motifs as well. Through critiques, students will display the ability to aesthetically value and appreciate works of art, as well as understand the relationship between art, culture and history. Art I meets the CSU/UC Fine Art requirement.

Advanced Art

Grades: 10 - 12

***Prerequisite:** Must pass Art 1 with a “B” or better

This course expands previous coursework in Art 1 and introduces new media and techniques related to painting and portfolio building. Creative expression through observation, life experiences and feelings, as well as formatting work, will be emphasized.

MUSIC/PERFORMING ARTS

Choir ✍

Grades: 9 - 12

Choir is an advanced vocal ensemble, in which students will learn and refine skills with singing and will get to participate in performances and on fun field trips such as Music in the Parks and Sacramento Broadway. In addition to rehearsing and performing, students will learn basics of vocal technique, music reading skills and theory, and will participate in a variety of events. Students will be required to perform at events outside of the normal school day such as festivals and concerts. No prior experience is required but is recommended. Choir is an A – G course and meets the CSU / UC Fine Arts requirement.

Please also note that Choir does sometimes rehearse outside of regular school hours; this is a part of the students’ grades and varies based on the situation and time of year. Students will need to be flexible, but the teacher will work with each student’s schedule IF the student communicates with the teacher.

Concert Band ✍

Grades: 9 - 12

***Teacher Approval Required**

****Meets during 0 period**

Concert Band is an advanced wind and percussion instrumental ensemble in which students will learn and refine skills with playing instruments and will get to participate in performances and on fun field trips such as Music in the Parks and Sacramento Broadway. In addition to rehearsing and performing, students will learn advanced musicianship skills, instrumental technique, and will participate in a variety of events. Students will be required to perform at events outside of the regular school day such as home football games, concerts, festivals, and community events. It is strongly recommended that students have prior experience reading music AND playing a wind band or percussion instrument to participate, although an exception may be made at the teacher's discretion depending on the situation. Concert Band is an A – G course and meets the CSU / UC Fine Arts requirement.

Please note that Concert Band meets during 0 period, meaning that it does not conflict with most other classes on the school schedule. However, this also means that the student will be expected to be at school to attend at 7:37 am, rather than at 8:30 am.

Please also note that Concert Band does sometimes rehearse outside of regular school hours; this is a part of the students' grades and varies based on the situation and time of year. Students will need to be flexible, but the teacher will work with each student's schedule IF the student communicates with the teacher.

Drama ✍

Grades: 9 - 12

Drama is designed to give students a general knowledge and appreciation of the theatre as an art through script analysis, character development, writing and directing, set design and performance. All students are required to participate in the Spring Showcase.

Drumline ✍

Grades: 9 - 12

Drumline is an ensemble consisting of a variety of drums and cymbals in which students will learn and refine skills with playing percussion and will get to participate in performances and on fun field trips such as Sacramento Broadway. Drumline follows the traditional military marching drumline format. In addition to rehearsing and performing, students will learn advanced musicianship skills, instrumental technique, and will participate in various events. Students will be required to perform at events outside of the normal school day such as home football games, concerts, and various school rallies. No prior experience is necessary but is recommended. Drumline is an A – G course and meets the CSU / UC Fine Arts requirement.

Please also note that Drumline does sometimes rehearse outside of regular school hours; this is a

part of the students' grades and varies based on the situation and time of year. Students will need to be flexible, but the teacher will work with each student's schedule IF the student communicates with the teacher.

Music Appreciation ✍

Grades: 9 - 12

*Skills learned useful in Music Technology & Production.

Music Appreciation is a class that teaches fundamental basics of music and sound, as well as history from the point of view of music. Additionally, students will also learn fundamentals of music and will get limited hands-on experience with certain facets of music to gain an understanding of the creative process, such as experimenting with writing lyrics to songs or using Synthesizers to learn how a sound wave works. Students will learn about music through videos, recordings, artwork, and other forms of media. Various genres that will be covered include (but are not limited to): Rock & Roll, Pop, Hip Hop, R&B, Metal, Classical, EDM, Jazz, Reggae, Reggaeton, and countless others. In this class, students will learn and understand the historical context of music from across time in the United States and in different cultures from around the world. Special attention will also be given to the development of the modern American music industry, and how this permanently changed music forever on a global scale. Students will be expected to complete several research projects as a part of the curriculum. Many of the concepts learned are also useful for preparing a student for Music Technology & Production, although it is not a prerequisite. Music Appreciation is an A – G course and meets the CSU / UC Fine Arts requirement.

Intro to Music Technology & Production ✍

Grades: 9 – 12

Music Technology & Production I is a unique music class in which students will learn how to create, mix, master, produce, and even DJ music, both electronic and analog. Students will also learn the basics of recording in order to properly perform the role of a studio engineer. Students will accomplish this by learning to operate a Digital Audio Workstation (DAW), learning to operate various pieces of musical equipment, and then will use these tools to mix, master, produce, and even create their own music. In addition to these skills, students will also learn how to think and act like a sound engineer, producer, and even an entrepreneur, learning to navigate the music industry in the process. Students will also learn basic music theory, technical skills, marketing skills, and even copyright law. By the end of the school year, students will have a strong foundation to either pursue music production as a college/career choice, or as a hobby. Since so many different skills are learned in this class, it is also applicable to those who either want to pursue the path of an artist, a technician, or even a career in business. Music Technology & Production is an A – G course and meets the CSU / UC Fine Arts requirement. This class is also the first class in a CTE Pathway for Music Technology & Production. Passing this class BOTH semesters is the prerequisite for Music Technology & Production II.

Advanced Music Technology & Production

Grades 10–12

***Teacher Approval Required**

****Prerequisite:** Pass Intro to Music Technology & Production BOTH semesters

Continuing where Intro to Music Technology & Production left off, Advanced Music Technology & Production is the advanced version of this course. In this class, students will upgrade their equipment and will be working with Ableton Live, a real, industry-standard DAW that is used by professional sound and studio engineers, producers, and even celebrities (such as David Guetta, The Weeknd, etc.). Using this software, students will begin producing music of a higher caliber and will begin working with more advanced techniques, Synthesizers, and mixing techniques. All skills learned are transferrable to different DAWs, such as FL Studio, Pro Tools, Logic Pro X, Reaper, Cubase, etc. Students will also be expected to produce longer songs, DJ longer sets, and even create a short multi-song album by the end of the school year. Music Technology & Production is an A – G course and meets the CSU / UC Fine Arts requirement.

This class is the second and final class in a CTE Pathway for Music Technology & Production. Completion of this course will result in completion of the CTE Pathway.

Please note that students in this class will be expected to behave like actual sound engineers. They will be required as a result to attend certain events after-school to work sound equipment for school events, Choirs, Band, etc. and this will be a part of their grade. Students will need to be flexible, but the teacher will work with each student's schedule IF the student communicates with the teacher.

FOREIGN LANGUAGE COURSES

Punjabi 1

Grades: 9 - 12

Punjabi 1 is the beginning course designed to provide the students with the basic skills of understanding, speaking, reading and writing the Punjabi language. Oral communication skills are highly emphasized and various aspects of Punjabi culture are covered.

Spanish 1

Grades: 9 - 12

This is an introductory course to the Spanish language. Students will develop communicative competence through understanding, speaking, reading, and writing Spanish at a beginning level. Students will develop an appreciation for the diversity of the many cultures of people who speak Spanish.

ADVANCED FOREIGN LANGUAGE CLASSES

All Advanced level classes require passing the introductory course or the instructor's approval before entering. College bound students are encouraged to take advanced level language classes. See your counselor for more information.

Punjabi 2

Grades: 9 - 12

***Prerequisite:** "C" or better in Punjabi 1 *or* by placement test

Punjabi 2 course builds on the skills learned in Punjabi 1 and includes more advance study of Punjabi language and culture. The emphasis is placed on developing reading, writing, comprehension and effective communication skills. Designed for students who have already taken Punjabi 1 and passed the course with a grade of "C" or better.

Punjabi 3

Grades: 10 - 12

***Prerequisite:** "C" or better in Punjabi 2

This course will engage student in learning much higher levels of speaking, listening, reading and writing the Punjabi language. This class is conducted primarily in Punjabi on a daily basis to help students work toward adult level fluency in speaking Punjabi. Students will also work on much more extensive reading and writing in Punjabi and in reading Punjabi short stories, poems and plays and working with Punjabi songs and videos. Students will engage in activities, experiences and class projects to learn about Punjabi culture in more depth and breadth.

Spanish 2 ✍️

Grade: 9 - 12

***Prerequisite:** “C” or better in Spanish 1 *or* by placement test

This is an intermediate course in the Spanish language. Students will continue to develop communicative competence through understanding, speaking, reading, and writing Spanish at an intermediate level. Students will continue to develop an appreciation for the diversity of the many cultures of people who speak Spanish. Students are expected to demonstrate adequate conversation and pronunciation skills as well as listening comprehension abilities with more advance structures.

Spanish 3 ✍️

Grades: 10 - 12

***Prerequisite:** “C” or better in Spanish 2

Level three Spanish continues the emphasis on communicative competence established in levels one and two. Listening, speaking, reading, and writing skills are blended holistically toward the use of appropriate language in a wide range of situations. There is a continued study of culture and history. This course introduces great works in Spanish literature.

AP Spanish ✍️

Grades: 11 & 12

***Recommendation:** “B” or better in Spanish 3

AP Spanish is designed to develop college level proficiency in Spanish language and composition comparable in depth rigor to a full year of third level college Spanish. The linguistic assessments of function, context, content and mastery, which promote proficiency on the Advanced Placement Spanish Language Test, are aligned with the National Foreign Language Standards and the California Language Learning Continuum.

<p style="text-align: center;">APPLIED ACADEMICS COURSES ADDITIONAL CLASSES THAT MAY BE TAKEN AS ELECTIVES</p>

There are four areas of concentration in this broad vocationally oriented department: agriculture, business, and woodworking. Students may enroll in applied academic courses based upon their interests and their vocational plans.

AGRICULTURE COURSES

Agricultural Science 1 ✍

Grades: 9 - 12

This is an introductory course for students interested in agriculture science or related vocations. Students will learn about plant and animal science in a fun hands-on manner. All students become members of the Future Farmers of America and participate in group and individual activities related to FFA. This course meets the graduation requirement for physical science and the elective “G” requirement for CSU/UCs.

Agricultural Science 2

Grades: 10 - 12

Students continue growth in the FFA. This course meets the graduation requirement in life science. This course is recommended for students with a greater interest in animal science. We will use a hands-on approach to learning about and caring for animals.

Intro to Ag Shop ✍

Grades 9 - 12

Career Pathway Concentrator Course: Ag Mechanics

Intro to AG Shop (Ag Mechanics 1) is a course designed to fulfill the student’s elective requirements. The course is a yearlong course that is designed to introduce the student to basic shop skills necessary to develop a well-rounded agricultural mechanics program. Agriculture Mechanics is an academically challenging course that integrates mathematics, science, writing, and mechanics. Specific units include: Using the Ag Mechanics Shop, Safety, Measurement, Project Planning, Electricity, and Electronics, Plumbing Systems and Water Use, Concrete and Masonry, Arc Welding, Power Mechanics, and Careers. Students will focus on understanding the theory of the preceding areas, as well as mastery of the application of these theories.

Ag Construction & Engineering ✍

Grades 10 – 12

Career Pathway Completer Course: Ag Mechanics

***Prerequisite:** “C” or better in Intro to Ag Mechanics

Ag Construction & Engineering is the capstone course for the Ag Mechanics CTE Pathway. This course will teach comprehensive design skills and concepts based on the elements and principles of design and applied through construction elements, using design and fabrication techniques that will have direct, relevant applications in the field. Students completing the course will have familiarity with many of the basic jobs skills in the construction trades and will have applied them to creative problem solving in design projects. The physical products that the students produce will have the functionality of traditional shop projects, but will also demonstrate refined and diverse design concepts and applications.

Horticulture

Grades: 9 – 12

Career Pathway Concentrator Course: Ornamental Horticulture

This course is recommended for all students interested in plants. Students get to operate the greenhouse facility, and are allowed to take home many of the plants they grow. This course will cover plant reproduction, soils, fertilizers, plant identification, pruning, and greenhouse management. All students become members of the Future Farmers of America and participate in group and individual activities related to FFA.

Floral Design ✍

Grades: 10- 12

Career Pathway Completer Course: Ornamental Horticulture

Learn the basics of floral design, including principles and elements of color theory, tools of the trade, handling and flower identification and how to create basic arrangements.

Farm Equipment and Metal Fabrication

Grades: 10 – 12

Career Pathway Completer Course: Ag Mechanics

Prerequisite:** “C” or better in Welding Technology ***or “C” or better in Intro to Ag Mechanics

The modern-day farm equipment and metal fabricator is a skilled technician in the manipulative arts of gas and arc welding and related processes. He/she must be able to fabricate or repair all types of metallic using all types of metal-working tools, equipment, and techniques. The course will emphasize the development of independent work skills through individualized instruction. Job search skills, business ethics, appropriate communication skills for the marketplace, and job retention skills, including attendance, punctuality, attitude and grooming will be reinforced at all levels of instruction. Students will also be able to show proper maintenance, lubrication, and operation of basic machinery used in normal farm or industrial operations. Each student enrolled is part of FFA which is a mandatory part of the class.

BUSINESS/COMPUTER COURSES

Computer Applications

Grades: 9 – 12

Career Pathway Concentrator Course: Information Support & Services

Students will learn basic keyboarding skills for speed and accuracy, as well as utilize a variety of computer programs to process data, create, format, and produce documents. Students will learn how to use Microsoft Office programs such as Excel to create tables, charts, and graphs. They will learn how to use MS Word, Adobe Suite, HTML, and CSS. Students will use electronic media, manuals, and tutorials as resources to access information.

Digital Photography/Web Design

Grades: 10 - 12

***Prerequisite:** Completion of Computer Literacy or Computer Applications

Students will learn hands-on photography using digital cameras and computers. Students will have an introduction to elements of art and principles of design. This course will familiarize the student with digital photographic equipment, materials, and methods through theory and hands-on practice. Students will learn the history of photography, studying and emulating a variety of photographic styles. Students will create a portfolio of original compositions. Students will develop the abilities to aesthetically value in critiques of their own work, and that of their classmates.

Graphic Communications

Grades: 10 - 12

Career Pathway Completer Course: Information Support & Services

***Prerequisite:** Completion of Computer Applications

In this course students will learn the ability to state feelings, emotions, and information through various types of printed and digital media. They will present their work in various ways and learn how to evaluate the work of others.

Programs Used

Microsoft
PowerPoint
Microsoft Word
Microsoft FrontPage
Adobe PhotoShop
Adobe PageMaker
Macromedia Flash

Equipment Used

Computers
Digital Cameras
35mm Cameras
Scanners
Graphics Tablet
Projector

Regional Occupational Program (ROP)

ROP Cosmetology

Grade: 11th-12th

Career Pathway Completer Course: Cosmetology

Becoming a cosmetologist requires 1000 hours of completed training. After that students would take the state Board exam to become licensed in the state Of California (or whichever state they reside). Through our ROP program students will receive 250 hours, the next step would be continuing on with our adult Cosmo program continuing on up to the 1000 hours mandated by the State Board of Barbering and Cosmetology. By doing this through ROP the students will be saving a portion of the tuition as well for the 250 hours they receive. It will also give them a preview to see if this is something they would be interested in pursuing as a career. We use the Milady Standard Cosmetology 14th edition. This book is a comprehensive resource widely used in Cosmetology education. We cover Haircutting, Hair Coloring, Infection Control and natural hair care, as well as skin and nail care. During Rop we go through the entire Milady book. A chapter can take us anywhere from 1 to 3 weeks where we will read the chapters, do the learning objectives and check in questions with a chapter test at the end of each chapter. We also do lots of work in our workbook that is a partner to the Milady Book. In addition we have salon days on Fridays where students put their book training to real life by working on mannequins and each other. We also watch lots of professional, educational videos on updo styles, hi-lighting techniques, hair cutting, blow out, nail enhancements and skin care.

ROP Medical Occupations

Grade: 11th-12th

Career Pathway Completer Course: Patient Care

This 300 hour, two semester course prepares students for entry-level employment in health care agencies. Upon completion of the program, students will be able to carry out basic patient care skills and perform other medical procedures under experienced supervision. Additional preparation programs may be necessary to secure desired level of employment (i.e. Vocational Nurse, Registered Nurse, Physician's Assistant, etc.) This course will include the study of medical terminology, anatomy, basic patient care, and health procedures. Students will have an opportunity to focus on a career area of their choice. Work-based learning opportunities will be available at various clinical/hospital sites. Students in this course will go through CPR certification. Students will develop and compile documents and skills for successful job entry or post- secondary training. Uniforms, proper shoes, and proof of vaccinations may be required at various clinical sites.

ROP Restaurant Management

Grade: 11th-12th

Career Pathway Completer Course: Food Service & Hospitality

This 300 hour course teaches aspiring restaurant managers about the preparation and delivery of foods and services in a commercial kitchen setting. Topics include: restaurant administration, accounting, human resources, marketing, food and beverage control, prevention of food borne illnesses, guidelines for food safety, hazard analysis, critical control points, proper food handling techniques, storage of food, correct temperatures to prevent food contamination and personal hygiene for food handlers. Students will engage in various work-based learning opportunities to interact with industry professionals and put their skills to practical use. Students will develop skills and competencies that prepare them for successful entry level employment and/or post-secondary training opportunities.

OTHER REQUIRED COURSES

State Requirements/Life Skills

Grade: 9

All ninth grade students will take a year of State Requirements/Life Skills.

Passing this course will give the student a certificate allowing them to take the DMV test to receive their permit or their provisional license. General good driving skills as well as preparation for the DMV written examination is included. The class covers three main components: Driver's Education, Health, and Geography. Health Topics include nutritional health, anti-drug/tobacco/alcohol education, and HIV/STD prevention. Physical geography is emphasized during the Geography component, combined with special topics in human geography. Emphasis on the Health Career Pathway.

OTHER ELECTIVE COURSES

ALL REQUIRE SPECIAL PERMISSION BEFORE ENROLLING

The following classes may be elected if the student has received permission from the counselor and the teacher/supervisor to take the class. Each has special requirements.

Cyber High

Grades: 9 - 12

***Prerequisite:** Counselor Approval Required

Students will have the opportunity to make up classes through Cyber High in a special period before school. This may only be used if the student has previously failed the class at Live Oak High School. Any fees associated with the class will be the responsibility of the student.

ASB Leadership

Grade: 9-12

ASB leadership is a year-long course held during Zero period where students learn to be effective leaders to peers by developing skills through attitude and action. Topics covered include communication, personal and social development, civic and service learning, and event planning. This course is open to all students with a desire to develop leadership skills through service.

Leadership

Grades: 9 - 12

Through a series of guided interaction, lectures, and group activities, students will explore the principles of leadership and learn to develop individual and group skills to impact their lives and their community. Content areas include decision-making, goal setting, effective communication, servant leadership, organization and time management skills.

Teacher/Office Assistant

Grades: 11 & 12

Students help teachers or secretaries with daily organizational duties. Office and organizing skills are stressed. Students receive a letter grade based upon diligence to duties. Students must maintain eligibility with at least a 2.5 GPA. Seniors must have scored in the “Met Standard” range on the English Language Arts and “Approaching Standard” range in the Mathematics portions of the Smarter Balance test. Students must also have no suspensions and must be on track to graduate.

Work Experience

Grades: 11 & 12

***Prerequisite:** Counselor Approval Required

Students may earn credits while working. Class assignments and work time cards are required. Students must have a work permit and earn minimum wage. There are mandatory assignments and evaluations.

Yearbook

Grades: 11 & 12

***Prerequisite:** Application and Teacher Approval Required

This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year. The year begins by planning the coverage for the school year and designing a unifying theme for the book. Students will study magazine journalism including layout and design techniques, writing and editing headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking and photography. Students will learn strategies of planning, marketing (ad sales) and distribution of the yearbook. Students will learn proofing strategies and work independently with photographers. At times, deadlines require that staff members work after school, on weekends, and holidays. Students will learn good work habits and are responsible for all phases of yearbook publication.

<p style="text-align: center;">SPECIAL PROGRAMS PROGRAMS BELOW ARE OPEN TO ALL WHO QUALIFY</p>

AVID (Advancement Via Individual Determination) ✍

Grades: 9 - 12

***Prerequisite:** Application and Interview (for grades 9 & 10)

A.V.I.D. is a program to ensure that all students, especially students in the middle, capable of completing a college preparatory path, succeed in rigorous curriculum, become involved in school activities, prepare for college, and become educated and responsible participants and leaders in a democratic society. Students are selected based on specific criteria.

Resource Program

Grades 9 - 12

The Resource program or Special Education program is for those students having an IEP indicating specialized academic instruction is needed to meet their individualized goals and objectives. In addition, students may be placed in the resource program on a school based placement recommendation of the site principal and special education director. Students in the program must be properly referred, assessed, and declared eligible. These students have specially designed programs that may also include vocational development depending upon needs.

Yuba College Courses

Grades 9 - 12

***Prerequisite:** Counselor Approval Required.

Yuba College classes (with course numbers under 50) give student an extra grade point for taking a college level class if they earn a grade of “C” or better. All Yuba College classes must be pre-approved to receive high school credit.