



# 2020-2021 Course Handbook

Las Plumas High School  
Oroville High School

# OROVILLE UNION HIGH SCHOOL DISTRICT GRADUATION REQUIREMENTS

## TOTAL CREDITS REQUIRED FOR GRADUATION: 220

### *Specific Course Requirements Include:*

English ..... 40 Credits (8 Semesters)	Physical Education ..... 20 Credits (4 Semesters)
Life Science ..... 10 Credits (2 Semesters)	Geography & Frosh Success* ..... 5 Credits (1 Semester)
Physical Science ..... 10 Credits (2 Semesters)	Health/Dr. Ed. & Frosh Success* ..... 5 Credits (1 Semester)
Mathematics ..... 20 Credits (4 Semesters)	World History ..... 10 Credits (2 Semesters)
Visual & Performing Arts/ ..... 10 Credits (2 Semesters)	U.S. History ..... 10 Credits (2 Semesters)
Foreign Language ..... ..	Government ..... 5 Credits (1 Semester)
Career Technical Education ..... 10 Credits (2 Semesters)	Economics ..... 5 Credits (1 Semester)

\*Starting with the Class of 2022.

**MATHEMATICS:** Must pass Math I or both Math 1A and Math 1B in order to meet the state’s Algebra requirement.

**SCIENCE:** Must earn a passing grade in two semesters of a Physical Science and a Life Science.

**VISUAL/PERFORMING ARTS:** Must earn a passing grade in two semesters of Foreign Language, Art, Drama, Music or other approved VAPA course.

**CAREER TECHNICAL EDUCATION:** Must earn a passing grade in two semesters of Agriculture, Home Economics, or Industrial Technology classes. These courses may be taken any of the four years of high school. Class fees will not be charged unless the student wishes to purchase the finished project.

**PHYSICAL EDUCATION:** All students are required to complete four semesters of Physical Education. If a student does not successfully pass the Physical Fitness Test as a freshman, the student will not be eligible to ask for a waiver of the second year of Physical Education.

**COMMUNITY SERVICE:** Starting with the Class of 2022, all students are required to complete 40 hours of community service during their four years of high school.

### ***RECOMMENDED CLASSES BY GRADE LEVEL***

9<sup>th</sup> GRADE

Geography & Frosh Success/  
Health/Dr. Ed & Frosh Success  
English 9  
Physical Education  
Science  
Math

10<sup>th</sup> GRADE

English 10  
World History  
Physical Education  
Science  
Math

11<sup>th</sup> GRADE

English 11  
U.S. History  
Science  
Math

12<sup>th</sup> GRADE

English 12  
Government/Economics  
Science  
Math

## **COLLEGE ADMISSION REQUIREMENTS**

Students should contact their counselor at the earliest possible time to discuss admissions requirements for post-secondary educational options.

### **COMMUNITY COLLEGES**

Graduation from high school, a minimum age of 18, or passing the CHSPE examination is the only requirement for admission. There are no subject or grade point average requirements. At the Community Colleges, one can earn a degree (A.A.) or (A.S.), undertake a transfer program, get vocational training in a Certificate Program, or improve basic academic skills. Community colleges across the State of California offer 100s of degree, transfer or certificate programs for students. With an Associate's Degree, individuals are able to work in a variety of high paying careers. SAT or ACT scores are not required for entrance, however, students must complete an entrance exam before being allowed to schedule classes.

### **CSU SYSTEM**

In California, the California State University system consists of 23 schools in various locations in the state. These universities all offer four-year degrees in a variety of areas, called a Bachelor's Degree. Many CSU schools offer advanced degrees beyond that of a Bachelor's Degree, as well. Specific careers require a Bachelor's Degree, however, many careers do not. Entrance into the CSU system directly after completing high school includes several requirements. Students must complete the following A-G Courses listed below. All A-G Courses must be passed with a grade of "C" or better in order to count toward completion of that subject area requirement. Students must submit scores from either the SAT or ACT in order to be admitted into the CSU system.

### **UC SYSTEM**

In California, the University of California system consists of 10 schools in various locations in the state. These universities all offer four-year degrees in a variety of areas, called a Bachelor's Degree. Many UC schools offer advanced degrees beyond that of a Bachelor's Degree, as well. Entrance into the UC system directly after completing high school includes several requirements and can be very competitive. Students who complete high school within the top 10% of their class are guaranteed admission into a school within the UC system, but not necessarily the school of their choice. Students must complete the following A-G Courses listed below. All A-G Courses must be passed with a grade of "C" or better in order to count toward completion of that subject area requirement. Students must submit scores from either the SAT or ACT in order to be admitted into the UC system.

### **A-G SUBJECT REQUIREMENTS for CSU or UC SYSTEMS**

All applicants will be required to complete the same pattern of high school courses with C or better to be eligible for both CSU and UC systems. These courses are listed below:

A - History/Social Science – 2 Years

B - English 4 years

C - Mathematics – 3 Years (Math I, Math II and Math III)

D - Lab Science – 2 Years (College level biology course and one additional advanced lab science course)

E - Foreign Language – 2 Years (Must be the same language for both years)

F - Visual/Performing Arts – 1 Year

G - College-Prep Elective – 1 Year

### **PRIVATE/INDEPENDENT/TECHNICAL SCHOOLS**

Independent schools and colleges are privately funded and available across the State of California and United States. They determine their own entrance requirements. Students interested in attending a private, independent or technical institution should contact that institution for entrance requirements well in advance of registering for high school classes. For help with this process, please see your assigned high school counselor.

### **DIVISION I AND DIVISION II NCAA REQUIREMENTS**

To view the latest NCAA Eligibility Requirements on required courses, test scores and GPA's, please visit the NCAA website:

[http://fs.ncaa.org/Docs/eligibility\\_center/Quick\\_Reference\\_Sheet.pdf](http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf)

Name \_\_\_\_\_

Date \_\_\_\_\_

### COURSE PLANNING GUIDE

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade
1.) Geography & Freshmen Success/ Health/Dr. Ed. & Freshmen Success	1.) English 10
2.) English 9	2.) World History
3.) Math _____	3.) Math _____
4.) Physical Education	4.) Physical Education
5.) Science _____	5.) Science _____
6.)	6.)
Credits Earned _____ Credits Possible 60	Credits Earned _____ Credits Possible 120
11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
1.) English 11	1.) English 12
2.) US History	2.) Economics/Government
3.)	3.)
4.)	4.)
5.)	5.)
6.)	6.)
Credits Earned _____ Credits Possible 180	Credits Earned _____ Credits Possible 240

## Non-Discrimination in District Programs and Activities

The District is committed to providing equal opportunity for all individuals. District programs, activities and services shall be free from unlawful discrimination, harassment, intimidation, and/or bullying based on actual or perceived characteristics of race, color, ancestry, nationality, immigration status, age, ethnicity, religion, parental or pregnancy status, marital status, medical information, mental or physical disability, sex, sexual orientation, gender, gender identity, gender expression, genetic information, or any other legally protected status or association with a person or group with one or more of these actual or perceived characteristics. For inquiries/complaints, contact our Title IX Coordinator/Equity Officer, Dr. Corey Willenberg, at (530) 538-2300, ext. 1107, or by email at [cwillenb@ouhsd.net](mailto:cwillenb@ouhsd.net), or in person at 2211 Washington Avenue, Oroville, CA 95966.

La mesa directiva del distrito escolar se ha comprometido a proporcionar igualdad de oportunidades para todos los individuos en la educación. Los programas, actividades, servicios, y prácticas del distrito estarán libres de discriminación ilícita, el acoso, la intimidación, y/o el maltrato basado en la percepción o el estado actual de raza, color, herencia, nacionalidad, estado de inmigración, edad, etnicidad, religión, estado parental o de embarazo, estado civil, información médica, discapacidad mental o física, sexo, orientación sexual, género, identidad de género, expresión de género, información genética, o cualquier otro estado protegido por la ley o asociación con otra persona o grupo con uno o más de estas características actuales o percibidas. Para preguntas o quejas, favor de comunicarse con nuestro Coordinador/Oficial de Equidad, Dr. Corey Willenberg, por teléfono al (530) 538-2300, ext. 1107, o por email a [cwillenb@ouhsd.net](mailto:cwillenb@ouhsd.net), o personalmente en 2211 Washington Avenue, Oroville, CA 95966.

Txoj kev tswj ntawm cheebtsam nov tau cog lus yuav muab kev ncaj ncees sib luag rau tag nrho txhua tus tibneeg nyob rau hauv kev kawm ntawv. Cheeb tsam tsev kawm ntawv cov kev pab cuam, kev ua ub no, thiab cov kev coj yuav tsis pub muaj saib tsis tau lwm tus, xws li kev saib tsis tau ib tug neeg los yog pab pawg neeg raws li haiv neeg, xim nqaij daim tawv, caj ces, haiv neeg, teb chaws twg tuaj, ntaub ntawv nyob txawv tebchaws, pab pawg neeg, hnuv nyoog, kev ntseeg, kev muaj txij nkawm, cev xeeb mivnyuam, los yog niam txiv raws li txoj cai, lub cev los si lub hlwb tsis tsuas zoo, txawm tias yog poj niam thiab txiv neej; kev nkag siab ntawm ib los yog ntau tshaj ntawm xws yam ntxwv; los yog muaj kev koom nrog ib tus neeg los yog pab pawg neeg nrog rau ib los yog ntau tshaj ntawm cov yam ntxwv ntawd. Yog muaj kev nug/txiv txaus siab, hu rau Title IX Tug Coj/Tug Saib Kev Ncaj Ncees, Dr. Corey Willenberg, ntawm (530) 538-2300, ext. 1107, los email rau [cwillenb@ouhsd.net](mailto:cwillenb@ouhsd.net), los mus ntsib nws ntawm 2211 Washington Avenue, Oroville, CA 95966.

## ENGLISH

40 Credits Required

All Classes are Year-Long Unless Otherwise Noted

### ELA FOUNDATIONS 9-10

Grades: 9-10 LPHS & OHS

This class is modified for students with significantly below academic skill levels and learning differences based on their Individualized Educational Plan (IEP). This course closely follows the course outlines for the mainstream English 9 and 10 programs.

### ELA FOUNDATIONS 11-12

Grades: 11-12 LPHS & OHS

This class is modified for students with significantly below academic skill levels and learning differences based on their Individualized Educational Plan (IEP). This is a survey course that focuses on American and British literature. There will be a concentrated examination of each author's style, form, and philosophy, place in history, and perceptions of human values and struggles. Through these great writers and thinkers, students will gain a greater understanding of the human condition. Students will demonstrate an understanding of each author's themes and writing style.

### ELA TRANSITIONS

Grades: 9-12 LPHS & OHS

This course is designed to be taught in conjunction with ELD Beginning Reading to further the growth of students entering school with fluency in English at an "Emerging" level. Students will earn English credits toward graduation for completing this course. This course may only be taken once for English credit. Any subsequent classes will earn elective credit.

### ENGLISH 9

Grade: 9 LPHS & OHS

The English Language Arts Grade 9 curriculum provides students with the requisite skills necessary to meet the California Common Core State Standards Grades 9/10 and the College and Career Readiness Standards. Students will demonstrate independence as deliberate and recreational readers, knowledgeable and proficient writers and effective communicators. Students will read and write using a variety of grade level informational and literary sources and utilize technology to research, publish, upload and share work with their fellow-students and teachers. Building upon previously acquired skills, students will refine their literacy skills, use a variety of vocabulary strategies to enhance reading comprehension and demonstrate understanding of text, and will develop the habits of mind to reflect, respond, and communicate about a variety of issues, topics and reasoning skills. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ENGLISH 9 HONORS

Grade: 9 LPHS & OHS

English 9 Honors is an accelerated course that meets the graduation requirement for freshman English. A primary goal of this class is to prepare students for advanced placement coursework. The study of literature includes world literary works and extended reading. Students deepen their understanding of various literary genres through intensive study of short stories, novels, poetry, essays and drama. Students give oral presentations and practice active listening strategies. Students use a variety of writing types for various purposes and audiences and utilize technology when appropriate. Students respond to literature by writing narrative, descriptive and analytical essays and research papers. Interpretive essays and explications are emphasized. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ENGLISH 10

Grade: 10 LPHS & OHS

The English Language Arts Grade 10 curriculum provides students with the requisite skills necessary to meet the California Common Core State Standards Grades 9/10 and the College and Career Readiness Standards. Students will demonstrate independence as deliberate and recreational readers, knowledgeable and proficient writers and effective communicators. Building upon the standards addressed in Grade 9, students will read and write using a variety of

grade level informational and literary sources and will utilize technology to research, publish, upload and share work with their fellow students and teachers. Students will refine their literacy skills, use a variety of vocabulary strategies to enhance reading comprehension and demonstrate understanding of text, and will develop the habits of mind to reflect, respond, and communicate about a variety of issues, topics and reasoning skills. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ENGLISH 10 HONORS

Grade: 10 LPHS & OHS

English 10 Honors is an accelerated course that meets the graduation requirement for sophomore English. A primary goal of this class is to reach a level of mastery on the Common Core Benchmarks and to prepare students for advanced placement coursework. The study of literature includes world literary works and extended reading. Students deepen their understanding of various literary genres through intensive study of short stories, novels, poetry, essays and drama. Students give oral presentations and practice active listening strategies. Students use a variety of writing types for various purposes and audiences and utilize technology when appropriate. Students respond to literature by writing narrative, descriptive and analytical essays and research papers. Interpretive essays and explications are emphasized. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ENGLISH 11

Grade: 11 LPHS & OHS

The English Language Arts Grade 11 curriculum provides students with the requisite skills necessary to meet the California Common Core State Standards Grades 11/12 and the College and Career Readiness Standards. Students will demonstrate independence as deliberate and recreational readers, knowledgeable and proficient writers and effective communicators. Building upon the standards addressed in Grade 10, students will read and write using a variety of grade level informational and literary sources, including seminal United States historical documents and a concentrated focus on American literature. Students will continue to utilize technology to research, publish, upload and share work with their fellow students and teachers. Students will refine their literacy skills, use a variety of vocabulary strategies to enhance reading comprehension and demonstrate understanding of text, and will develop the habits of mind to reflect, respond, and communicate about a variety of issues, topics and reasoning skills. All Grade 11 students will participate in the Smarter Balanced Assessment. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ENGLISH 12

Grade: 12 LPHS & OHS

The English Language Arts Grade 12 curriculum provides students with the requisite skills necessary to meet the California Common Core State Standards Grades 11/12 and the College and Career Readiness Standards. Students will demonstrate independence as deliberate and recreational readers, knowledgeable and proficient writers and effective communicators. Building upon the standards addressed in Grade 11, students will read and write using a variety of grade level informational and literary sources. Students will continue to utilize technology to research, publish, upload and share work with their fellow students and teachers. Students will refine their literacy skills, use a variety of vocabulary strategies to enhance reading comprehension and demonstrate understanding of text, and will develop the habits of mind to reflect, respond, and communicate about a variety of issues, topics and reasoning skills. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### AP ENGLISH LANGUAGE/COMPOSITION

Grade: 11 LP & OHS

Prerequisite: Application and/or teacher approval.

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. A portion of the class is dedicated to terms and strategies to help students pass the Advanced Placement examination. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **AP ENGLISH LITERATURE/COMPOSITION**

**Grade: 12 LPHS & OHS**

**Prerequisite: Application and/or teacher approval.**

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. A portion of the class is devoted to terms and strategies to pass the College Board AP English Literature Exam. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **LITERATURE OF CONTROVERSY (PUBLIC SPEAKING)**

**Grade: 12 LP & OHS**

**Prerequisite: Application and/or teacher approval.**

In this project-based course, students demonstrate knowledge of the CCSS for Reading Literature, Reading Informational Texts, Writing, Speaking and Listening, and Language. Oral communication and presentation skills are emphasized, as is analysis of college-level texts. Students create persuasive and informative writings and speeches, both formal and informal, for presentation. Those who complete the course with a "B" average between semesters and pass credit by examination qualify for Butte College 2+2 credit for CMST 2 (Public Speaking), which may be transferable to California junior colleges and California State Universities (CSUs). **Note: This course meets UC/CSU "B" Requirement and Butte College 2+2 Credit.**

## **Reading/ELD Courses (Elective Credit Only)**

**All Classes are Year-Long Unless Otherwise Noted**

### **POWER READING**

**Grades: 9 LPHS & OHS**

**Freshmen may be placed into this class based on their 8<sup>th</sup> grade mid-year MAP score and teacher recommendation.**

This is an intervention course designed to support beginning high school students in their development in reading, grammar, vocabulary development and writing in relation to what they are reading. Students will receive direct instruction in reading to improve comprehension and fluency.

### **ELD BEGINNING READING**

**Grades: 9-12 LPHS & OHS**

This course is designed to be taught in conjunction with ELA Transitions to further the growth of students entering school with fluency in English at an "Emerging" level. Students will earn elective credits toward graduation and receive additional instruction in their development of English fluency through this course.

### **ADVANCED GRAMMAR**

**Grades: 9-12 LPHS & OHS**

This course is designed to further the growth of students entering school with fluency in English at an "Expanding" level. Students will earn elective credit and receive additional required instruction in their development of English fluency through Advanced Grammar.

### **ACCELERATED ELD 1**

**Grade: 9-12- LPHS & OHS**

This course is designed to further the growth of students entering school with fluency in English as a "Bridging" level but not yet ready to be reclassified as Fluent in English. Students will earn elective credit and receive additional required instruction in their development

of fluency through Accelerated ELD 1. This course utilizes informational and literary texts that are relevant to students' lives; these texts gradually increase in text complexity, spanning from 830L to 1270L.

### **ACCELERATED ELD 2**

**Grade: 9-12- OHS Only**

This course is designed to further the growth of students entering school with fluency in English as a "Bridging" level but not yet ready to be reclassified as Fluent in English. Students will earn elective credit and receive additional required instruction in their development of fluency through Accelerated ELD 2. This course utilizes informational and literary texts that are relevant to students' lives; these texts gradually increase in text complexity, spanning from 900L to 1450L.

## **MATHEMATICS**

**20 Credits Required**

**Must Meet the State's Algebra I/Math I requirement.**

**All Classes are Year-Long Unless Otherwise Noted**

**All incoming freshman will be placed into math classes based on their 8<sup>th</sup> grade mid-year MAP score and teacher recommendation.**

### **MATH FOUNDATIONS I**

**Grades: 9-10 LPHS & OHS**

This class is modified for students with significantly below academic skill levels and learning differences based on their Individualized Educational Plan (IEP). This course helps students to develop the foundational mathematical skills to be Independent individuals. Topics include: basic math, money counting use and management, time reading and management, measurement, and real life applications.

### **MATH FOUNDATIONS II**

**Grades: 11-12 OHS Only**

This class is modified for students with significantly below academic skill levels and learning differences based on their Individualized Educational Plan (IEP). This course will build upon and reinforces concepts learned in Math I Foundations and is designed to increase students' knowledge of mathematical skills necessary for independent living. Students will utilize fundamental skills of multiplication, addition, division, and subtraction to solve real-life situations. Students will gain knowledge and understanding of concepts including: measuring, telling time, understanding needs vs wants, budgeting, cost comparison, understanding cash vs credit, balancing monthly expenditures, percent increases and decreases, money management & responsibility, and housing options (renting, leasing, buying).

### **MATH IA**

**Grades: 9-12 LPHS & OHS**

**Prerequisites: Teacher Recommendation and District Placement Test Score below the School Board defined cut point.**

This course will cover the first half of the Math I curriculum. Students must pass both Math 1A and 1B year-long courses to meet the State's math graduation requirement.

### **MATH IB**

**Grades: 9-12 LPHS & OHS**

**Prerequisites: Passing Math 1A**

This course will cover the second half of the Math I curriculum. Students must pass both Math 1A and 1B year-long courses to meet the State's math graduation requirement.

### **MATH I**

**Grades: 9-12 LPHS & OHS**

**Prerequisites: Passing 8<sup>th</sup> Grade Math Class, Teacher Recommendation and District Placement Test Score above District defined cut point.**

This is the first of three courses in the Integrated Math pathway. This course explores functions, exponents, slope & rate of change, writing and graphing linear equations, dimensional analysis, transformations, multiplying polynomials, solving complex equations that include fractions and exponents, modeling two-variable data, exponential growth and decay, solving systems of equations with substitution and

elimination, congruence and coordinate geometry, inequalities, data representations, and constructions. Student-owned scientific calculators (or graphing calculators) are strongly encouraged for this course. **Completion of this course satisfies the Algebra I graduation requirement and UC/CSU requirements.**

### **MATH I HONORS**

**GRADES: 9-12 LPHS & OHS**

**Prerequisites: Proficient Score on District Universal Screener or Teacher Recommendation**

This is an accelerated course with a heavier workload than a typical Math 1 course. Students will be asked to complete the math 1 course early so that they can move on to the math 2 course before the end of the year. Students will focus on the six areas in math 1 and the following: attributes and properties of polygons, angles, graphs, similarity and right triangle trigonometry, modeling probability situations such as tree diagrams and area models, use of inverse trigonometric functions, special right triangle properties, rewriting a quadratic with methods such as factoring, and completing the square to interpret roots and x-intercepts. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **MATH II**

**Grades: 10-12 LP & OHS**

**Prerequisite: Must have Passed Math I**

This is the second year in the integrated pathway. Students focus on the following areas: attributes and properties of polygons, angles, graphs, similarity and right triangle trigonometry, special right triangle properties, rewriting a quadratic with methods such as factoring, and completing the square to interpret roots and x-intercepts, properties of polygons and circles, solving inequalities, transformations of functions, surface area and volume of solids, probability and counting principles. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **MATH II HONORS**

**Grades: 10-12 LP & OHS**

**Prerequisites: Teacher Recommendation**

This is an accelerated course with a heavier workload than a typical Math 2 course. Students are asked to complete the Math 2 course early so that they can move on to the Math 3 course before the end of the school year. Students focus on the same concepts as Math 2, as well as the following areas: Domain and range, Law of Sines, Law of Cosines, transformations of non-functions, piecewise defined functions, rational expressions, systems of equations, inverses and logarithms. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **NATURE OF MATHEMATICS**

**Grades: 10-12 LPHS & OHS (10<sup>th</sup> may enroll under special circumstances and teacher approval).**

**Prerequisites: Must have Passed Math I or II and teacher recommendation.**

The Nature of Mathematics course is designed for juniors and seniors who have completed Math 1. Students will be introduced to the historical concepts behind Algebra, Geometry, logic, the nature of numbers and the applications to real-world mathematics.

### **STATISTICS**

**Grades: 11-12 LPHS & OHS**

**Prerequisite: Must have Passed Math II**

This course introduces students to the same major concepts and themes as the AP Statistics course, but with less breadth of coverage. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the following broad conceptual themes: exploring patterns and departures from patterns in data, sampling and experimental design, using probability to explore random phenomena, statistical inference. Much of the content studied is in the context of applications in the social and behavioral sciences, business and medicine. Students will develop college and career readiness skills such as collaborating, conducting research and making presentations as they demonstrate their mathematical content knowledge.

### **MATH III**

**Grades: 11-12 LPHS & OHS**

**Prerequisites: Must have Passed Math II**

This course is the capstone course of the Integrated Math pathway. This course covers solving equations, investigations of functions, linear and quadratic math models, transformations of graphs, complex numbers, completing the square, solving one-variable and two-variable inequalities, and geometric modeling. Additional topics are inverses, exponential and logarithmic functions, series, operations of rational expressions, three-variable systems, Trigonometry with triangles and the unit circle. Probability and statistics includes permutations, combinations, sampling variability, and various data distributions. Student-owned graphing calculators are strongly encouraged for this course. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **MATH III HONORS**

**Grades: 11-12 LPHS & OHS**

**Prerequisites: Must have Passed Math II Honors and Teacher Recommendation**

This is an accelerated course with a heavier workload than the typical Math 3 course designed to prepare students for AP Calculus. Students are asked to have begun concepts of Math 3 prior to entering and will focus on the concepts described in Math 3. Students will also learn the following concepts: graphing square root, cube root, trigonometric functions with period, midline and amplitude, domain of trigonometric functions using the unit circle, ellipses, hyperbolas, and modeling with geometry. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **AP CALCULUS**

**Grades: 11-12 LPHS & OHS**

**Prerequisite: Must have Passed Math III Honors with a Grade of "C-" or better. Teacher Approval is Required for Students who Passed Math III.**

The advanced placement (AP) calculus course is taught with the same level of depth and rigor as are entry-level college and university calculus courses. It will prepare students for success on the College Board Advanced Placement Calculus AB Examination. The course presents elements of analytic geometry, methods, and application of differentiation and integration. Calculators are required with log and trig functions; no instruction is given with log and trig functions. In the spring, students are encouraged to take the College Board Advanced Placement Mathematics Examination, Calculus AB, which, if passed with a score of 3 or higher (according to a college or university policy), allows them to receive college credit in mathematics. The test is not a requirement of the course. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **SCIENCE**

**20 Credits Required**

**All Classes are Year-Long Unless Otherwise Noted**

### **PHYSICAL SCIENCE**

**Grades: 9 LPHS & OHS**

This is an entry level high school science course that will allow students to explain more in-depth phenomena central not only to the physical sciences, but to life and earth and space sciences as well. Ideas from Physical Science include the fundamental concepts from chemistry and physics and are intended to leave room for expanded study in future high school science courses. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **PHYSICAL SCIENCE FOUNDATIONS**

**Grades: 9 LPHS & OHS**

This class is modified for students with significantly below academic skill levels and learning differences based on their Individualized Educational Plan (IEP). This course is designed to cover essential physical science standards and basic concepts required to navigate the real world. Students will be provided with direct instruction, hands-on learning activities and maximum academic support for content. Embedded in this class are social skills instruction and opportunities to practice related real life skills.



## **AG PHYSICAL SCIENCE**

**Grades: 9 LPHS Only**

This introductory high school science course will teach students about the amount of energy and matter within the agricultural systems. Students will also learn about structure and properties of matter, chemical reactions, forces and interactions, energy, waves and electromagnetic radiation. Students will also be exposed to activities in the FFA program.

## **GENERAL BIOLOGY**

**Grades: 9-12 LPHS & OHS**

**Prerequisite: Must have taken Physical Science**

A non-college preparatory biology course designed for students without a strong science background. This course introduces major biological concepts including cell biology, genetics, ecology, evolution, and physiology. Emphasis is placed on laboratory investigation including optional dissection to reinforce understanding and provide practical application of biological principles. This class satisfies the life science core curriculum requirement for graduation.

## **COLLEGE PREPARATORY BIOLOGY**

**Grades: 9-12 LPHS & OHS**

**LPHS 9<sup>th</sup> Grade Prerequisite: Concurrent Enrollment in Math I Honors**

**OHS 9<sup>th</sup> Grade Prerequisite: Teacher Recommendation**

**10<sup>th</sup> – 12<sup>th</sup> Grade Prerequisite: Must have Passed Physical Science with a "B" or Better. Must have passed or be concurrently enrolled in Math I.**

This course emphasizes cell biology, genetics, ecology, evolution, and human physiology. Emphasis is placed on laboratory investigation including optional dissection to reinforce understanding and provide practical application of biological principles. **Note: This course is designed for the college bound student. This course meets the CSU/UC lab science requirement.**

## **COLLEGE AG BIOLOGY**

**Grades: 9-12 LPHS Only**

**Prerequisite: Must have passed or be concurrently enrolled in Math I.**

Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major sections, or units, each with a guiding question. Within each unit specific life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge, culminating in the development of a sustainable farm model and portfolio of supporting student research. **Note: This course meets the CSU/UC lab science requirement.**

## **BIOLOGY FOUNDATIONS**

**Grades: 10-12 LPHS & OHS**

This class is modified for students with significantly below academic skill levels and learning differences based on their Individualized Educational Plan (IEP). This course is designed to cover essential life science standards and basic concepts required to navigate the real world. Students will be provided with direct instruction, hands-on learning activities and maximum academic support for content. Embedded in this class are social skills instruction and opportunities to practice related real life skills.

## **AP BIOLOGY**

**Grades: 10-12 OHS Only**

**Prerequisite: Grade of "B" or better in College Prep Biology or instructor approval. Students who are taking Chemistry concurrently or have had Chemistry will be given preference in case of "over enrollment".**

The Advanced Placement Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. AP Biology is an in-depth survey of molecular, cellular, organismal, and population biology. Students who pass the AP Biology exam receive six units of credit at most colleges, including the University of California. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **CHEMISTRY**

**Grades: 10-12 LPHS & OHS**

**Prerequisite: One Year Course of laboratory science. Students must be concurrently enrolled in Math III or teacher approval.**

Chemistry is an inquiry into the composition of and interactions between substances. It is designed to acquaint the student with the laws of the physical environment through the use of laboratory experiments. Chemistry includes the study of characteristics of chemical reactions, chemical periodicity, and chemical bonding in solids, liquids and gases. The chemistry laboratory is the basis from which the advanced sciences are developed. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **HONORS CHEMISTRY**

**Grades: 10-12 LPHS Only**

**Prerequisite: One Year Course of laboratory science. Students must be concurrently enrolled in Math III or teacher approval.**

Honors Chemistry is a college preparation course developed for the motivated student who will be undertaking advanced study in the area of science or math. This one year course is designed to adequately prepare these students to successfully undertake freshman science courses at the university level. This requires extensive quantitative applications of mathematics and a high level of laboratory experience and writing for scientific communication. Students will be expected to develop the ability to scientifically analyze, both quantitatively and logically, the phenomena of the physical world, and then apply it to the world around them. Students will be using technology, the written word and communication within working groups to model the vigorous testing of ideas and results that marks scientific progress. Students will master the ability to process information, integrate information with other sources, including prior knowledge or they are courses taking concurrently, use results to draw conclusions or form models, and apply these conclusions or models problems they are interested in investigating. Students will also apply study skills to vigorous testing situations, and demonstrate competency in research writing. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **AG AND SOIL CHEMISTRY**

**Grades: 10-12 LPHS Only**

**Prerequisite: Sustainable Ag Biology**

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Note: This course meets the CSU/UC lab science requirement.**

## **AGRISCIENCE SYSTEMS MANAGEMENT**

**Grades: 11-12 LPHS Only**

**Prerequisites: College Ag Biology and Ag and Soil Chemistry**

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. **Note: This course meets the UC/CSU lab science requirement.**

## **PHYSICS**

**Grades: 10-12 LPHS & OHS**

**Prerequisite: One year course of a laboratory science. Students must be concurrently enrolled in Math III or teacher approval.**

Physics is quantitative study which includes energy, mechanics, wave motion, light, sound, heat and electricity. It is designed to acquaint the student with the laws of the physical environment through the use of laboratory experiments. Applications to modern

Physics are emphasized. Physics is an essential course for those students considering technical or engineering careers. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **AP PHYSICS I**

**Grades: 11-12 OHS Only**

**Prerequisite: One Year Course of laboratory science. Students must be concurrently enrolled in Math III or teacher approval.**

AP Physics is a college-level course, offering students an enriching scientific experience in the fundamentals of physics, with the challenge and breadth of a college pace. The course is intended to prepare students for the Advanced Placement exam in physics through an emphasis on the scientific method and laboratory experiences. AP Physics is an essential course for students considering scientific or technical careers. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **AP PHYSICS I**

**Grades: 11-12 OHS Only**

**Prerequisite: One Year Course of laboratory science. Students must be concurrently enrolled in Math III or teacher approval.**

AP Physics is a college-level course, offering students an enriching scientific experience in the fundamentals of physics, with the challenge and breadth of a college pace. The course is intended to prepare students for the Advanced Placement exam in physics through an emphasis on the scientific method and laboratory experiences. AP Physics is an essential course for students considering scientific or technical careers. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **ANATOMY AND PHYSIOLOGY**

**Grades: 10-12 LPHS & OHS**

**Prerequisite: Grade of "C" or better in College Prep Biology or instructor approval. Students who are taking Chemistry concurrently or have had Chemistry will be given preference in case of "over enrollment".**

This course will provide students with a foundation of knowledge regarding the structures and functions of the systems of the human body. Emphasis will be placed on laboratory and clinical case studies to illustrate anatomical and physiological concepts. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **HONORS ANATOMY AND PHYSIOLOGY**

**Grades: 11-12 LPHS Only**

**Prerequisite: Grade of "B" or better in College Prep Biology, "C" or better in Chemistry, or Instructor approval. Students must be concurrently enrolled or have completed Math II.**

This course is intended for college bound students who are interested in a medical or science related field. It will provide students with a foundation of knowledge regarding the structures and functions of the systems of the human body. Emphasis will be placed on laboratory laboratory and clinical case studies to illustrate anatomical and physiological concepts. A research and practical application component are included. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **ANIMAL SCIENCE**

**Grades: 9-12 LPHS Only**

**Prerequisite: College Ag Biology**

Animal science is a one year agricultural science course that will provide advanced understanding of livestock agriculture and issues affecting society, animal welfare, and production systems. Animal nutrition, anatomy and physiology, health, reproduction, genetics, and management through evaluation and selection will be stressed. Biotechnology and emerging technologies are creating excitement in agricultural industry. This course allows students to be actively involved in the learning process. This course may also be taken for CTE credit. **Note: This course meets the UC/CSU elective credit.**

## **SOCIAL SCIENCE**

**35 Credits Required**

**All Classes are Year-Long Unless Otherwise Noted**

#### **HEALTH/DRIVER EDUCATION AND FRESHMEN SUCCESS FOUNDATIONS**

**Grade: 9 LPHS & OHS**

This course provides standards, curriculum and practice appropriate for students with significant cognitive disabilities. Health is a semester course taken in Grade 9, in which a student must earn a passing grade in order to meet graduation requirements. Information will be presented pertinent to the concerns of teens in the area of physical development, nutrition, fitness, drugs and substance abuse, and driver's education. The course concludes with information on human reproduction, family living, dating, values and the sexually transmitted diseases. The second quarter of this course deals with the classroom instruction related to obtaining a DMV driving permit. Students will engage in educational experiences and self-exploration that promote learning about personal, academic, and organizational strategies related to student success in high school, college and career. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **HEALTH/DRIVER EDUCATION AND FRESHMEN SUCCESS**

**Grade: 9 LPHS & OHS**

Health is a semester course taken in Grade 9, in which a student must earn a passing grade in order to meet graduation requirements. Information will be presented pertinent to the concerns of teens in the area of physical development, nutrition, fitness, drugs and substance abuse, and driver's education. The course concludes with information on human reproduction, family living, dating, values and the sexually transmitted diseases. The second quarter of this course deals with the classroom instruction related to obtaining a DMV driving permit. Students will engage in educational experiences and self-exploration that promote learning about personal, academic, and organizational strategies related to student success in high school, college and career.

#### **ONLINE HEALTH/FRESHMEN SUCCESS**

**Grade: 9 LPHS & OHS**

Students will complete this coursework online outside of the regular school day (at home, library at lunch, during consultation, etc.). Information will be presented pertinent to the concerns of teens in the area of physical development, nutrition, fitness, drugs and substance abuse. The course concludes with information on human reproduction, family living, dating, values and the sexually transmitted diseases. Students will engage in educational experiences and self-exploration that promote learning about personal, academic, and organizational strategies related to student success in high school, college and career. **Note: Students participating in two or more sports or the LP/O Band will be given priority enrollment. Students who did not graduate from 8<sup>th</sup> grade are ineligible to take this class.**

#### **GEOGRAPHY AND FRESHMEN SUCCESS FOUNDATIONS**

**Grade: 9 LPHS & OHS**

This course provides standards, curriculum and practice appropriate for students with significant cognitive disabilities. Students in grade nine must realize one of the realities of the contemporary world is the increasing influence of other nations in the daily life of the American citizen. This course in 20<sup>th</sup> Century Geography and Technology is designed to provide an understanding of the distribution and characteristics of the world's major cultures and of the dynamic of human migration and cultural diffusion. Emphasis will be placed on the cultures of the world and a technology based student presentation. Ninth grade geography is a foundation course to World History, United States, History, Government and Economics. Students will engage in educational experiences and self-exploration that promote learning about personal, academic, and organizational strategies related to student success in high school, college and career.

## **GEOGRAPHY AND FRESHMEN SUCCESS**

### **Grade: 9 LPHS & OHS**

Students in grade nine must realize one of the realities of the contemporary world is the increasing influence of other nations in the daily life of the American citizen. This course in 20<sup>th</sup> Century Geography and Technology is designed to provide an understanding of the distribution and characteristics of the world's major cultures and of the dynamic of human migration and cultural diffusion. Emphasis will be placed on the cultures of the world and a technology based student presentation. Ninth grade geography is a foundation course to World History, United States, History, Government and Economics. Students will engage in educational experiences and self-exploration that promote learning about personal, academic, and organizational strategies related to student success in high school, college and career. **This course meets the CSU/UC "A-G" Subject" requirement.**

## **ONLINE GEOGRAPHY AND FRESHMEN SUCCESS**

### **Grade: 9 LPHS & OHS**

Students will complete this coursework online outside of the regular school day (at home, library at lunch, during consultation, etc.). Students in grade nine must realize one of the realities of the contemporary world is the increasing influence of other nations in the daily life of the American citizen. This course in 20<sup>th</sup> Century Geography and Technology is designed to provide an understanding of the distribution and characteristics of the world's major cultures and of the dynamic of human migration and cultural diffusion. Emphasis will be placed on the cultures of the world and a technology based student presentation. Ninth grade geography is a foundation course to World History, United States, History, Government and Economics. Students will engage in educational experiences and self-exploration that promote learning about personal, academic, and organizational strategies related to student success in high school, college and career. **Note: Students participating in two or more sports or the LP/O Band will be given priority enrollment. Students who did not graduate from 8<sup>th</sup> grade are ineligible to take this class. This course meets the CSU/UC "A-G" Subject" requirement.**

## **WORLD HISTORY FOUNDATIONS**

### **Grade: 9 LPHS & OHS (One Semester Course)**

This course provides standards, curriculum and practice appropriate for students with significant cognitive disabilities. This course is designed to build knowledge of our past by studying the history of mankind. We build understanding of current political, historical and news topics of today by watching and discussing daily news. We build civic responsibility by managing the school flag duties. We build social skills and teamwork by exploring values and playing games. We build Independent living skills by doing cooking and campus projects.

## **WORLD HISTORY - THE MODERN WORLD**

### **Grade: 10 LPHS & OHS**

Students in grade ten study major turning points that shaped the modern world, from the late 18th century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **HONORS WORLD HISTORY - THE MODERN WORLD**

### **Grade: 10 LPHS Only**

Students will follow the same course schedule as the regular class, but emphasis will be put on essay writing and research skills important for students headed for advanced placement classes and college. Honors students will be asked to read additional novels. Currently those novels are: Things Fall Apart by Chinua Achebe, Animal Farm by George Orwell and Night by Elie Wiesel.

## **AP EUROPEAN HISTORY**

### **Grade: 10 OHS Only**

This rigorous course covers European History from the period of the Renaissance to the present and contains analysis of primary source documents and discussion. This is a standard first-year college course. Critical thinking and writing skills are emphasized. The student will be expected to do daily reading outside of class. Students will be expected to take the College Board AP European History Exam in May. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **UNITED STATES HISTORY FOUNDATIONS**

### **Grade: 11 LPHS & OHS**

This class is designed for Certificate of Completion students with significant disabilities who require extensive modifications to curriculum. Students explore historical topics, citizenship, and essential standards through a combination of textbook reading, project based learning, digital media, and guided note taking/discussion.

## **UNITED STATES HISTORY: CONTINUITY AND CHANGE IN THE 20TH CENTURY**

### **Grade: 11 LPHS & OHS**

Students in grade eleven study the major turning points in American history in the 20th century. Following a review of the nation's beginnings and the impact of the Enlightenment on United States' democratic ideals, students build upon the tenth grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy, including the social and cultural effects. They trace the change in the ethnic composition of American society, the movement towards equal rights for racial minorities and women, and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes in historical events. They learn that the United States has served as a model for other nations and that the rights and freedoms we enjoy are not accidents, but the results of a defined set of political principles that are not always basic to citizens of other countries. Students understand that our rights under the United States Constitution comprise a precious inheritance that depends on an educated citizenry for their preservation and protection. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **AP UNITED STATES HISTORY**

### **GRADE: 11 – LPHS & OHS**

The Advanced Placement Program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. This course meets and exceeds the California standards in that there is intensive study on the pre-Civil War era of American history. This course will begin with the discovery of the New World. Students should learn to assess historical materials -- their relevance to a given interpretive problem, their reliability, and presented in historical scholarship. An Advanced Placement United States History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students taking the Advanced Placement course are expected but not required to take the Advanced Placement test. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **GOVERNMENT FOUNDATIONS**

### **Grade: 12 LPHS & OHS (One Semester Course)**

This class is designed for Certificate of Completion students with significant disabilities who require extensive modifications to curriculum. Students explore the role and structure of US government, citizenship, and essential standards through a combination of textbook reading, project based learning, digital media, and guided note taking/discussion.

## **GOVERNMENT - PRINCIPLES OF AMERICAN DEMOCRACY**

### **Grade: 12 LPHS & OHS (One Semester Course)**

Students in grade twelve pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationships among federal, state, and local governments, with particular attention paid to important historical documents such as The Federalist Papers. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **AP GOVERNMENT AND POLITICS**

### **Grade: 12 LPHS & OHS (One Semester Course)**

#### **Prerequisite: Teacher Approval**

AP U.S. Government and Politics studies the structure and operations of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they will learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They will also build the skills they need to examine general propositions about government and politics, and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP U.S. Government and Politics prepares students for the AP Exam and for further study in political science, law, education, business and history. Students are encouraged but not required to take the AP Exam. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **ECONOMICS FOUNDATIONS**

### **Grade: 12 LPHS & OHS (One Semester Course)**

This class is designed for Certificate of Completion students with significant disabilities who require extensive modifications to curriculum. Students explore the functions of economics in daily life, the mechanisms of capitalism, and essential standards through a combination of textbook reading, project based learning, digital media, and guided note taking/discussion.

## **PRINCIPLES OF ECONOMICS**

### **Grade: 12 LPHS & OHS (One Semester Course)**

In addition to studying government in grade twelve, students will also master fundamental economic concepts, applying the tools (graphs, statistics, and equations) from other subject areas to the understanding of operations and institutions of economic systems. Studied in a historic context are the basic economic principles of micro and macroeconomics, international economics, comparative economics system measurement, and methods. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## **AP MACROECONOMICS**

### **Grade: 12 LPHS Only (One Semester Course)**

This course will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination and also develops students' familiarity with economic performance measures, economic growth, and international economics. Students who obtain a score of 3 or better on the AP exam may receive college credit for the class. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

Throughout the year students will continuously work on the required California Fitness standards that they will be tested on in the spring.

## **PE 10-12**

### **Grades: 10-12 LPHS & OHS**

This second year course fulfills the district's graduation requirement for Physical Education. Students will continue to build upon and refine their skills, learn additional game strategies and discover areas of recreational activities to promote a healthy lifestyle.

## **PE 10-12 ADVANCED**

### **Grades: 10-12 OHS Only**

#### **Prerequisite: Must pass a prior PE course with a "B" or better**

This second year course fulfills the district's graduation requirement for Physical Education. Students will continue to build upon their skills in a competitive environment focusing on individual/dual and team sports. This advanced course will focus on high tempo workouts and competitive game play.

## **WEIGHTS AND CONDITIONING**

### **Grades: 10-12 LPHS-& OHS**

#### **Prerequisite: Must pass a prior PE course with a "B" or better**

This advanced course will focus on both strength and conditioning training. Students will develop muscular strength, cardiovascular endurance, flexibility, core strength, functional movement patterns, and intense interval training.

## **FIRMING AND TONING**

### **Grades: 10-12 LPHS & OHS**

#### **Prerequisite: Must pass a prior PE course with a "B" or better**

This advanced course designed for students to learn about their personal fitness and overall well-being. Students will learn to push physical limits, raise cardiovascular capacity, and improve flexibility. Students will be exposed to a variety of movement activities in order to accomplish these goals.

## **CROSSFIT**

### **Grade: 10-12-OHS Only**

#### **Prerequisite: Must pass a prior PE course with a "B" or better and/or teacher recommendation**

CrossFit is a core strength and conditioning program, which is not a specialized fitness program but a deliberate attempt to optimize physical competence in each of ten recognized fitness domains: cardiovascular/respiratory endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance, and accuracy. The CrossFit program focuses on maximizing neuroendocrine response, developing power, cross-training with multiple training modalities, constant training and practice with functional movements, and the development of successful diet strategies.

## **INDEPENDENT STUDY PE**

### **Grades: 9-12 LPHS & OHS**

#### **Prerequisite: 10-12 must pass prior PE course with a "B" or better. Students participating in two or more sports or the LP/O Band will be given enrollment priority**

This is an additional class to a student's full, six period schedule and is structured for students to focus on health related and skill related fitness. Students will be required to document a minimum of 200 minutes of physical activity instruction every school week, which includes meeting with a PE teacher for 20 minutes per week. Freshmen will be required to take the Physical Fitness Test in the spring. See your counselor for more information. **Note: A student taking this class cannot be on a reduced schedule or be a teacher's aide in the same school year. Students who did not graduate from 8<sup>th</sup> grade are ineligible to take this class.**

## **PHYSICAL EDUCATION**

**20 Credits Required**

**All Classes are Year-Long Unless Otherwise Noted**

## **PE 9 FRESHMEN CORE**

### **Grades: 9 LPHS & OHS**

This course is required of all freshman. The foundational program stresses development of skills in a wide variety of activities. Instruction will include areas of individual/dual sports, team sports, mechanics of body movement, and development of overall fitness.

## ELECTIVE COURSES

60 Credits Required

All Classes are Year-Long Unless Otherwise Noted

## CAREER TECHNOLOGY EDUCATION

10 Credits Required

### AGRICULTURE

In the Las Plumas High School Agriculture Department, students will be trained in an area in which they may gain employment immediately after graduation from high school.

In addition to career skills, students in the Las Plumas High School Agriculture Department will gain public speaking skills, develop leadership skills, participate in student directed projects, and experience FFA co-curricular activities.

#### Course Sequence for Agricultural Mechanics

Career Prep Core Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Ag Mechanics I	Ag Mechanics II	Farm Management

#### Course Sequence for Animal Science

Career Prep Core Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Animal Science	Veterinary Skills	Farm Management

#### Course Sequence for Environmental Horticulture

Career Prep Core Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Floriculture I	Floriculture II	Greenhouse Mgmt

#### Course Sequence for Agriscience

Introductory Grades 9 & 10	Concentrator Grades 10- & 11	Capstone Grades 11 & 12
College Ag Bio	Ag Soil & Chemistry	Ag Systems Mgmt.

### COLLEGE AG BIOLOGY

Grades: 10-12 LPHS Only

**Prerequisite:** Must have Passed or be Concurrently Enrolled in Math I

Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major sections, or units, each with a guiding question. Within each unit specific life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge, culminating in the development of a sustainable farm model and portfolio of supporting student research. **Note: This course meets the UC/CSU Lab (D) science requirement.**

### AG AND SOIL CHEMISTRY

Grades: 10-12 LPHS Only

**Prerequisite:** Ag Science I or Sustainable Ag Biology

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. This course may also be taken for science credit. **Note: This course meets the UC/CSU Lab (D) science requirement.**

### AGRISCIENCE SYSTEMS MANAGEMENT

Grades: 11-12 LPHS Only

**Prerequisites:** College Ag Biology and Ag and Soil Chemistry

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management

principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. **Note: This course meets the UC/CSU Lab (D) science requirement.**

### AGRICULTURAL MECHANICS I

Grades: 9-12 LPHS Only

**Prerequisite:** Agriculture Science I Recommended

Agricultural Mechanics I is the entry level course for the Agricultural Mechanics career path. The student is prepared for further experience and education by introducing the knowledge, skills, and attitudes associated with modern Agricultural Mechanics. Instructional units will include Oxy-fuel Welding & Cutting; Electric Welding Processes, Chains and Rope; Equipment Operation and Preventative Maintenance; Types of Engines; Agriculture Industry Employee/Employer Relations; Safety; Electrical Systems; Agricultural Structures; Record Keeping; Interpersonal Leadership Development; Supervised Agricultural Experience (SAE) Project; and Measurement, Tool Identification, Cold Metal, and Fabrication.

### AGRICULTURAL MECHANICS II

Grades: 10-12 LPHS Only

**Prerequisite:** Agricultural Mechanics I

Agricultural Mechanics II is the advanced level course for the Agricultural Mechanics career path. The student is prepared for further experience and education by refining the knowledge, skills, and attitudes associated with modern Agricultural Mechanics. Instructional units will include Oxy-fuel Welding & Cutting; Electric Welding Processes; Equipment Operation and Preventative Maintenance; Types of Engines; Agriculture Industry Employee/Employer Relations; Safety; Electrical Systems; Agricultural Structures; Record Keeping; Interpersonal Leadership Development; Supervised Agricultural Experience (SAE) Project; and Measurement, with an emphasis on Project Construction.

**Note: This course qualifies for 2+2 credit at Butte College.**

### FARM MANAGEMENT

Grades: 11-12 LPHS Only (2 Period Class)

**Prerequisites:** Any Ag Class and/or Instructor Approval

This two period class places an emphasis on hands-on learning and assessment. This course is designed to provide students with employable skills in the area of farm and ranch management with emphasis on ag mechanics and animal science topics. Students will build upon skills learned in prior agriculture classes as well as skills in equipment operation, maintenance and repair, as well as general farm management topics, such as managing agricultural crops, orchard, vineyard, and agricultural facilities. This course will provide the fundamentals and basics that involve veterinary medicine including the terminology and techniques that are needed for safety and efficiency for handling and caring for pets and animals in production. Students will perform various duties on the LPHS Farm, while keeping records on their activities. **Note: Students may be placed in a community classroom.**

### ANIMAL SCIENCE

Grades: 9-12 LPHS Only

**Prerequisite:** College Ag Biology

Animal science is a one year advanced agricultural science course that will provide advanced understanding of livestock agriculture and issues affecting society, animal welfare, and production systems. Animal nutrition, anatomy and physiology, health, reproduction, genetics, and management through evaluation and selection will be stressed. Biotechnology and emerging technologies are creating excitement in agricultural industry. This course allows students to be actively involved in the learning process. This course may also be taken for CTE credit. **Note: This course meets the UC/CSU elective credit.**

### AG VETERINARY SKILLS

Grades: 11-12 LPHS Only

**Prerequisites:** Animal Science or Biology or instructor permission. This course is designed to provide students with entry-level skills in the Veterinary medicine industry. Animal health fundamentals covered in the class include terminology, safety, production, animal care and handling. Students will gain skills and knowledge to perform a variety of clinical tasks and office procedures through classroom exposure to realistic medical situations and non-paid internships in veterinary related businesses. Class meets at Las Plumas High School. **Note: This course meets UC/CSU elective requirements. Yuba College 2+2 credits may be earned upon successful completion of this course.**

### FLORICULTURE I

Grades: 9-12 LPHS Only

**Prerequisite:** Any Agricultural Science and/or Teacher Approval

This is a first-year course in the fundamentals of the visual arts. This process-oriented course will provide the student with a perceptual base necessary for understanding artistic perception, creative expression, historical-cultural contexts, aesthetic valuing, and applications of visual arts to the art of floral design. **NOTE: This course meets VAPA for UC/CSU.**

### FLORICULTURE II

Grades: 10-12 LPHS Only

**Prerequisite:** Floriculture I

The major emphasis of Floriculture is to provide students with advanced activities in floral techniques, processes, and operations through floral arranging. Particular attention is given to student recognition and application of the design and arrangement skills. Students participate in design and construction activities involving dish gardens, floral displays, and live flowers. The course covers safe use of tools and materials; and the recognition, propagation, and cultural practices of common floral and foliage plants. Students will exhibit an advanced portfolio that demonstrates their floral design and display skills.

### GREENHOUSE MANAGEMENT

Grades 11-12 LPHS Only

**Prerequisites:** Floral I

Greenhouse Management is the capstone course for the Ornamental Horticulture (Floriculture) career pathway. This class places emphasis on hands-on learning and assessment. This course is designed to build upon the skills developed in Floral and in managing the greenhouses on the farm. This course will provide the fundamentals and basics that involve greenhouse operations including the terminology and techniques that are needed for safety and efficiency for caring for ornamental and bedding plants. The course will also provide more advanced understanding of horticulture industry. Students will perform various duties on the LPHS Farm, while keeping records on their activities. **Note: Students may be placed in a community classroom.**

## CAREER READINESS

### CAREER READINESS

Grades: 11-12 LPHS & OHS

This class is designed for students with exceptional needs and recommended to the program by a high school IEP (Individualized Education Program). Core instruction primarily takes place during the first semester and includes skills in job seeking, work ethics, personal communication and safety. Students who demonstrate appropriate skills will have the opportunity for community based instruction during the second semester in one of the following areas: janitorial, retail, landscaping, childcare, animal care or food services. The class meets at both schools during 5<sup>th</sup> and 6<sup>th</sup> periods.

## FAMILY AND CONSUMER SCIENCE (HOME ECONOMICS)

Family and Consumer Science programs prepare students for living and earning a living. Leadership, teamwork, personal responsibility, problem solving, and management are skills highly valued by employers. Today, these skills are developed in Home Economics Careers and Technology programs along with the basic academic skills of reading, writing, math, science and critical thinking that are necessary to achieve personal and career goals. Family and Consumer Science Education teaches students to develop self-esteem, apply decision making skills, practice communication skills essential for effective relationships with peers and family, acquire leadership and citizenship skills, and develop an awareness of career options. Students also learn personal management, leadership and interpersonal skills that are essential for productive employees. Family and Consumer Science Education teaches students vital interpersonal skills and helps them develop job search and acquisition skills, recognize the value of good work habits and positive attitudes, practice effective working relationships, and acquire job retention skills including responsibility, dependability, and time management. All students enrolled in Family and Consumer Science Programs are encouraged to take advantage of their membership in FCCLA. FCCLA is a national career technical student organization for young men and women in grades 6-12. FCCLA assists students in developing occupational, citizenship and leadership skills needed for home, community and work life. FCCLA activities offer a wide range of opportunities for community service, career exploration, leadership development and personal growth.

### Career Path Opportunities for Las Plumas

#### Course Sequence for Food Service & Hospitality

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Life Management	Culinary I	Culinary I or II

#### Course Sequence for Fashion Design & Merchandising

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Life Management	Fashion Design I	Fashion Design II

### Career Path Opportunities for Oroville High

#### Course Sequence for Food Service & Hospitality

Career Prep Core Grades 9 & 10	Career Transition Grades 10 & 11	Career Cluster Grades 11 & 12
Life Management	Culinary I	Culinary II

### LIFE MANAGEMENT

Grade: 9-12 LPHS & OHS

This class is an exploratory course that examines the Family & Consumer Science umbrella. During the first semester, students will study the nutritional value of foods and develop an understanding of the significance of food, including discussions on digestion, basic nutrients, weight management, sports and fitness, life-span nutrition, and food trends in order to evaluate sources of nutrition and make informed decisions. Students will also learn about food preparation, meal planning, service, sanitation and career opportunities. During the second semester, students will develop an understanding of personal, interpersonal, and family relationships, parenting, and child development and education. Students will also be exposed to interior design and housing, elements and principles of design, and the consumer aspects of selecting housing. Through Consumer Education, students will demonstrate an understanding of personal and family resources, consumer rights and responsibilities, economic systems, and personal finances.

### CULINARY I

**Grades: 10-12 OHS 11-12 LPHS (10<sup>th</sup> with Instructor Approval)**  
**Prerequisite: Life Management (LPHS Only)**

This hands-on course is designed to help students expand their basic food preparation skills and knowledge through topics of study including: safety & sanitation, nutrition & wellness, cooking methods of all food groups, the study of various cultures & cuisines and an investigative career unit. Successful completion of this course will earn students a Food Handlers certification. Students are highly encouraged to participate in Family, Career and Community Leaders of America (FCCLA), which provides students with co-curricular opportunities to demonstrate skill mastery through competitions and catering events. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### CULINARY II

**Grades: 10-12 OHS 11-12 LPHS (10<sup>th</sup> with Instructor Approval)**

This hands-on course is designed to provide students with career-oriented instruction needed to succeed in the culinary industry. Topics covered include: review of basic food preparation skills, advanced food preparation skills, front-of-the house duties, back-of-the-house duties, menu development, plating, customer service, and management skills. Students will be required to participate in catering jobs throughout the year. Successful completion of this course will earn students a ServSafe Manager certification. Students are highly encouraged to participate in Family, Career and Community Leaders of America (FCCLA), which provides students with co-curricular opportunities to demonstrate skill mastery through competitions and catering events. **Note: OHS students be required to participate in community classroom (internship) placements. This course meets the CSU/UC "A-G" Subject" requirement.**

### FASHION DESIGN I

**Grades: 10-12 LPHS Only**

**Prerequisite: Life Management**

Fashion Design students will learn the knowledge, skills and practices required for careers in Textiles and Apparel. Students will explore the development of textile products, from fiber production to finish cloth and their distribution; study the use of clothing in terms of the psychological, social, economic, and physical needs of consumers; experience the hands-on process of altering existing garments and designing an original garment from sketch to finished garment; and look at future fashion trends and social responsibility of textile companies and apparel manufacturers.

## HEALTH OCCUPATIONS

### CTEC MEDICAL & HOSPITAL CAREERS

**Grades: 11-12 Class held at OHS. LPHS students may attend.**

Students gain entry-level skills in hospital and medical services. Classroom training includes basic patient care, CPR and First Aid, vital signs, medical terminology and safety. Job shadows and internships may take place in a variety of hospital and medical environments including but not limited to x-ray, physical therapy, respiratory therapy, pharmacy, laboratory, medical records, cardiology, surgery and medical offices.

## INDUSTRIAL TECHNOLOGY

The Industrial Technology Departments provide students with an integrated selection of academic and technological courses that keep pace with our ever-changing world. The Industrial Technology programs are designed to provide students with skills, knowledge, and attitudes necessary to help them gain employment in the career of their choice.

### Career Path Opportunities for Las Plumas

#### Course Sequence for Automation and Mechatronics

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Engineering I	Engineering II	Engineering III

#### Course Sequence for Graphic and Design

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Completer Grades 11 & 12
Graphic Design I	Graphic Design II	Graphic Design III

#### Course Sequence for Manufacturing Technology

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Welding Fab I	Welding Fab II	Welding Fabrication and Design

#### Course Sequence for Transportation & Energy

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Capstone Grades 11 & 12
Auto Technology I	Auto Technology II	Auto Technology III

### Career Path Opportunities for Oroville High

#### Course Sequence for Automotive Transportation Industry

Introductory Grades 10	Concentrator Grades 10 & 11	Completer Grades 11 & 12
Auto Technology 1	Auto Technology II	Auto Technology III

#### Course Sequence for Engineering and Design

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Completer Grades 11 & 12
Engineering I	Engineering II	Engineering III

#### Course Sequence for Graphic and Design

Introductory Grades 9 & 10	Concentrator Grades 10 & 11	Completer Grades 11 & 12
Graphic Design I	Graphic Design II	Graphic Design III

### AUTO TECHNOLOGY I

**Grades: 9-12 LPHS & OHS**

This course introduces the fundamentals of automotive and power mechanics. It covers minor repairs and adjustment of the power train, chassis, and accessories. Training in troubleshooting procedures and tune-up are included in the shop work. Classroom materials parallel the practical work. Emphasis is placed on orderly procedure, cleanup, safe work habits, and career opportunities. **Note: This course is articulated for college credits at Butte College.**

### AUTO TECHNOLOGY II

**Grades: 10-12 at LPHS, Grades 10-12 LPHS & OHS**

**Prerequisite: Must have a "C" or better in Auto Technology I or Teacher Permission.**

This course explores the theory and function of the various automotive components and systems. Troubleshooting procedures are also explored. Classroom materials include theory and design, job opportunities in related fields, and technical data interpretation. Emphasis is placed on orderly procedure, cleanup, and safe work habits. This course will also explore the application of aftermarket automotive components. Modifications of interior, exterior, drive train and other components will be addressed through student and shop projects that incorporate fabrication.

### AUTO TECHNOLOGY III

**Grades: 11-12 LPHS & OHS**

**Prerequisite: Auto Technology I, II or Permission of Instructor**

This course will prepare students seeking an industry certification in Automotive Maintenance and Light Repair. This is a task-based format that prepares students for an entry level career in the automotive industry through an accumulation of hours of industry specific repair and maintenance competencies. Students in this course will work with local automotive businesses for internship during the second semester. Automotive electrical systems, engine repair, brakes, suspension, tire and wheel service, general automotive maintenance as well as shop procedure are the core of instruction. Note: This course is articulated to Butte College's Automotive Dept. for 3 units upon completion of course. Various industry certifications can be obtained with completion of this course. **Note: At OHS, this course is articulated to Butte College's Automotive Dept. for 3 units.**

## **HIGH PERFORMANCE AUTO TECHNOLOGY**

**Grades: 12 LPHS Only**

**Prerequisite: Must have Passed Auto III with a "C" or Better or Instructor Permission**

This course explores the application of aftermarket automotive components. Modifications of interior, exterior, drive train and other components will be addressed through student projects that incorporate fabrication, utilization of aftermarket products and other specialized automotive marketing concepts. In depth discussions will center on the legal aspects of automotive modification and being street legal.

## **ENGINEERING I**

**Grades: 9-12 LPHS & OHS**

This is a one year course where students are introduced to engineering graphics and learn about three-dimensional modeling and creation of orthographic, sectional, auxiliary, pictorial, and assembly views for mechanical design drawings. Units of work include: The graphic language, freehand sketching, lettering, use of equipment, single plane drawing, orthographic projections, pictorial presentations, sectional views, auxiliary views, basic mathematics, and Computer Aided Drafting (CAD), CAD instruction includes the Cartesian coordinate system through two dimensional problems and 3D modeling using Auto Cad software. Note: **Completion of this class makes it possible to get Butte college 2+2 credit for Drafting 12 provided that the student receives a "B" or better both semesters and Butte College tests are successfully passed. This course meets the CSU/UC "A-G" Subject" requirement.**

## **ENGINEERING II**

**Grades: 10-12 LPHS & OHS**

**Prerequisite: Must Pass Engineering I with a "C" or Better or Teacher Permission**

This is an Intermediate course in Engineering. Basic skills are covered in this class. Units of work include: This is a computer-based engineering graphics course that introduces students to graphical design and problem solving using freehand sketching and a solid modeling application. Topics include sketching and modeling using extrudes, sweeps, and lofts. Additional topics include assembly's development and detail drawing output. Note: **Completion of this class makes it possible to get Butte College 2+2 credit for Drafting 2 provided that the student receives a "B" or better both semesters and Butte College tests are successfully passed**

## **ENGINEERING III**

**Grades: 11-12LPHS and OHS**

**Prerequisite: Must have a "C" or better in Engineering II or Teacher Permission**

In this computer-based engineering graphics course students who have already completed the learning objectives in Engineering II will be introduced to the use of a solid modeling application for simulation of parts and assemblies using Finite Element Analysis (FEA) methodology. Students will model parts and assemblies and will test them using simulation and engineering analysis. Topics include static, frequency, thermal, vibration and drop test analysis methods. The use of simulation to generate engineering reports will be introduced and reports will be generated

## **GRAPHIC DESIGN I**

**Grades: 9-12 LPHS and OHS**

This is a beginning course in Graphic design is a course that covers major areas of graphic communications and computer aided design which is intended to provide students an introduction into computer-based graphics. Students also learn and use skills based on principles of design, such as: layout and design, use of color, text composition, page composition, digital image photography, and PowerPoint presentation skills. Note: **This course meets the CSU/UC "A-G" Subject" requirement.**

## **GRAPHIC DESIGN II**

**Grades: 10-12 LPHS and OHS**

**Prerequisite: Must have a "C" or better in Graphic Design I or Teacher Permission**

This is an intermediate course in graphic design. Students will apply design principles and tools of graphic design. Students will use the latest industry standard software to learn the basics of Desktop

Publishing, Digital Photography, Computer Aided Design, Multimedia (Video Production), as tools for developing an internet web page. This course will help students develop and examine future personal, education, and career needs. Students will be introduced to the technical world's primary means of communication, visual communication, which, in various forms affects people in nearly every walk of life.

## **GRAPHIC DESIGN III**

**Grades: 11-12 LPHS and OHS**

**Prerequisite: Must have a "C" or Better in Graphic Design II or Teacher Permission.**

This advanced course is designed to provide students with artistic, creative and historical background in the fields of video, broadcasting, and film production. In addition, this course provides instruction and training in pre-production, production and post production phases of project development. Students who are interested in a career in entertainment production have opportunities to explore the many jobs involved in the making of such productions. Those who achieve competency in this course will be prepared to enter a film or broadcast journalism course at the college level. This course will also introduce students to basic methods and practices in animation. The course will provide an overview Students will learn basic post-production through the use of Adobe Products.

## **WELDING FABRICATION I**

**Grades: 9-12 LPHS Only**

This course introduces and develops basic skills in sheet metal, bench metal, gas and arc welding, and the safe and proper use of metalworking machines. Projects are selected by the instructor on the basis of those skills necessary to develop a fundamental knowledge of general metals. Related classroom materials cover the use, care, and maintenance of machines, explores the use of various metals, and the physical characteristics and properties of each. Job opportunities and job descriptions in the various fields of manufacturing and design are emphasized.

## **WELDING FABRICATION II**

**Grades: 10-12 LPHS Only**

**Prerequisite: Grade of "C" or better in Introduction to Technology Block or Introduction to Manufacturing**

In this course, more emphasis is allowed for individualizing "learning-by-doing" and the solution of the problems encountered. In addition to project work (student selected), special emphasis is made on particular processes not necessarily given full attention by the student previously. Such processes are cutting, brazing, various positions in welding, machine and bench work are among those concentrated on. Every project, when completed, should have a neat plan to accompany it for grading purposes. When necessary, special assignments are given to help cement ideas into the mind of the student.

## **WELDING FABRICATION & DESIGN**

**Grades: 11-12 LPHS Only**

**Prerequisite: Introduction to Manufacturing and Advanced Manufacturing or Engineering I and Engineering II or permission of instructor.**

Students will learn skills in the areas of welding, sheet metal work, hydraulics, heat treating/hard facing, light construction, use of tools and equipment and safety. Upon completion, students will be qualified for entry-level jobs in welding, cutting and metal fabrication. An OSHA 10-Hour General Safety Certificate will be obtained during the course. Students may be placed in internships for related hands-on learning during the second semester. Class meets at Las Plumas High School, 5<sup>th</sup> - 6<sup>th</sup> periods. **NOTE: Butte College credits may be earned upon successful completion of this course for Weld-20 and Weld-21.**



## VISUAL AND PERFORMING ARTS/ FOREIGN LANGUAGE

10 Credits Required

All Classes are Year-Long Unless Otherwise Noted

Class fees will not be charged unless the student wishes to purchase finished products.

### ART APPRECIATION

**Grades: 9-12 LPHS Only**

This is an introductory art course designed to increase student hand-eye coordination. Students will be introduced to elements of art and principles of design, including basic drawing skills and color theory.

This course will provide students an appreciation of and background in Art History and cultural connections. Students will participate in a wide variety of artistic projects to build artistic and creative expression. This course meets district graduation requirements but not CSU/UC VAPA requirements.

### ART I

**Grades: 9-12 LPHS & OHS**

Art I is designed to provide a foundation for advanced visual arts courses. This course emphasizes understanding the elements of art and principles of design as a basis for composition and expression.

Students will explore a variety of artists, art processes and materials such as drawing, painting, printmaking, and two and three-dimensional design. Student artwork will reflect aesthetics and cultural/historical contexts. Willingness to get involved in the creative process is a more important requirement than the student's talent or previous experience. This course will culminate with a portfolio demonstrating student growth in artistic expression. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ART II

**Grades: 10-12 LPHS & OHS**

**Prerequisite: B- or Better in Art I and Teacher Approval**

Building upon the skills learned in Art I, students will use the tools, techniques, materials and technology that art makers of the past and present have used to create their own individual art works. Selected historical or cultural contexts will be applied with attention to analysis, interpretation, and judgment of student works and appreciation of art work, and contexts which influenced art making from other cultures and times. This course will culminate with a portfolio demonstrating student depth and breadth. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ART III

**Grades: 10-12 LPHS & OHS**

**Prerequisite: B- or Better in Art II and Teacher Approval**

This advanced course provides the serious visual arts student with an opportunity to expand upon his/her interest in a particular idea expressed in visual form(s). In addition to improving the necessary skills and perceptual knowledge for students to understand artistic perception, creative expression, historical and cultural contexts, aesthetic valuing, and the connections, relationships, and applications of the visual arts, the instruction will direct the student to focus on the process of investigation, growth, and discovery. Students will learn by using the same tools, techniques, materials, and technology art makers of the past and present have used to create their own individual art works. Selected historical or cultural contexts and content will focus on contemporary arts. Attention will also be given to analysis, interpretation, and judgment of student works and appreciation of art work, and contexts which influenced art making from the past to the present. Students will compile enough work to demonstrate their abilities through the use of a portfolio which can be used for college entrance or employment in a visual art field. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### ART IV

**Grades: 11-12 LPHS & OHS**

**Prerequisite: B- or better in Art I, Art II and/or Art III, or consent of instructor based on portfolio review**

This course is a more in depth exploration of the student's preferred concentration and medium. Students will engage in a more in-depth

study of their personal artistic interests and creative voice as a means of strengthening their comprehensive visual arts portfolios.

**Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### AP 2D DESIGN

**Grades: 11-12 LPHS & OHS**

**Prerequisite: B+ in Art I and II; or Art II and Teacher Approval Based on Portfolio Review or B+ in Digital Photography AND Teacher Approval Based on Portfolio Review**

This course is designed for the college bound student who is interested in developing a comprehensive visual arts portfolio, consisting of 20 college-level images and written statements demonstrating skills in following skill categories: Inquiry and Investigation; Making through Practice, Experimentation, and Investigation; Communication and Reflection. An AP 2-D Art and Design Portfolio Exam should focus on application of 2-D design elements and principles. Students passing the Advanced Placement test are eligible to receive college credits. This course culminates with a portfolio and public art exhibition of student work. **Note: This course meets the CSU/UC VAPA requirement.**

### AP DRAWING

**Grades: 11-12 OHS Only**

**Prerequisite: B+ in Art I and II; or Art II and Teacher Approval Based on Portfolio Review**

This course is designed for the college bound student who is interested in developing a comprehensive visual arts portfolio, consisting of 20 college-level images and written statements demonstrating skills in following skill categories: Inquiry and Investigation; Making through Practice, Experimentation, and Investigation; Communication and Reflection. An AP Drawing Portfolio Exam should focus on mark-making, line quality, and surface manipulation. Students passing the Advanced Placement test are eligible to receive college credits. This course culminates with a portfolio and public art exhibition of student work. **Note: This course meets the CSU/UC VAPA requirement.**

### CERAMICS I

**Grades: 9-12 LPHS & OHS**

**Prerequisite: Art I is Highly Recommended**

This is a studio art course emphasizing design of 3-dimensional objects, primarily in the medium of clay. Students learn to apply the elements and principles of art as a basis for design and artistic expression. Drawing and journal assignments assist students in project planning and reflection. Works of art in clay are created, utilizing a range of hand-building and surface decoration techniques. Students will become acquainted with historical and contemporary ceramic arts as they develop their own art and expand their aesthetic awareness. The studio art course develops skills in ceramic and art-related technology, as well as creative problem-solving, teamwork and time management. The course culminates with a portfolio and public art exhibition of student work. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### CERAMICS II

**Grades: 10-12 LPHS & OHS**

**Prerequisite: B- or better in Ceramics I, Upon Teacher Approval**

This is an advanced studio art course emphasizing design of 3-dimensional objects. The course builds on the foundation established in Ceramics/Sculpture I. New techniques and media are introduced, including wheel thrown pottery. Students will develop and apply an advanced understanding of the elements and principles of design, and advanced skill with ceramic media. Students will also develop their ability to interpret and aesthetically value art works through reading, written work and class discussions. Students are encouraged to work independently and pursue their own personal style and produce thoughtful, well-crafted sculptural, functional and expressive art works. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### FLORICULTURE I

**Grades: 9-12 LPHS Only**

**Prerequisite: Agricultural Science I recommended**

This is a first-year course in the fundamentals of the visual arts. This process-oriented course will provide the student with a perceptual base necessary for understanding artistic perception, creative

expression, historical-cultural contexts, aesthetic valuing, and applications of visual arts to the art of floral design. **NOTE: This class is articulated for college credits at Butte College. This course meets VAPA for CSU/UC.**

#### **DIGITAL PHOTOGRAPHY I**

**Grades: 9-12 LPHS & OHS**

Digital photography is a one-year course that explores the concepts in historical photography developments, proper composition strategies, current careers opportunities, how photographs communicate, influence and change society and cultures, how cameras capture digital images and manipulations of images using computer software. Students will develop the technical aspects of using digital cameras, computer software, studio portrait lighting, outdoor portrait lighting techniques and as well as the use of color scheme strategies developed by artists throughout history. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **DIGITAL PHOTOGRAPHY II**

**Grades: 11-12 LPHS & OHS**

This course provides an opportunity to build and refine a high-quality, advanced portfolio in the student's area of photographic interest. The emphasis in both course one and two is the application of digital media in photography. Students continue to experiment with manual settings and digital manipulation using Adobe Photoshop and Creative Suite applications. Student projects emphasize the elements of art and principles of design while creating original, creative, and communicative photographic works. Skill-building in composition, lighting, and portraiture through the use of the camera's eye will continue. Students will research and apply historical and cultural contributions of photographic masters, past and present in their own work. Career opportunities and preparation in the field of photography will also be included as part of the curriculum. This course culminates with a portfolio and public art exhibition of student work.

#### **YEARBOOK**

**Grades: 10-12 OHS Only (LPHS Class Listed in Non-Departmental Section)**

**Prerequisite: 2.5 GPA, Teacher recommendation and/or Application/Interview**

The creation of the school annual, a documentary of each year of the high school experience, involves the recording of events, individuals, and ideas in a variety of formats. Inherent to this process is an understanding of the elements and principles of art, photography, graphic design, text, business, and organization. This course may be repeated. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **MUSIC APPRECIATION**

**Grades: 9-12 LPHS & OHS**

This course explores a wide variety of musical styles, forms, composers, instruments, and performers. Students will acquire the vocabulary, concepts, theory, and history necessary to critique music in an intelligent manner. Students will develop skills in analyzing, listening, performing, and creating music in order to gain an understanding of, and respect for, the role and importance of music in their lives.

#### **BAND**

**Grades: 9-12 LPHS & OHS**

Students in this course perform music appropriate for high school musicians. In addition to the technical and musical skills needed for performing, students learn theory, ear training and history appropriate to this level. Students will understand the foundation and skills necessary to progress to collegiate level Band. Students will also perform as part of the larger LP/O Alliance Marching Band. Performances and extra-curricular practices are scheduled throughout the year as required by the Band Director. The course may be repeated for additional credit. Band Camp is a 60 hour sequence of instruction before the start of school, in which student can earn 2.5 elective credits. Conditions for earning the credits are established by the Band Director. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **COLOR GUARD/WINTER GUARD**

**Grades: 9-12 LPHS & OHS**

This class will focus on technique, manipulation of equipment, fundamentals and basic dance terms and phrases. Classwork is enhanced through the study of works by a variety of diverse artists and the development of genre-specific movement vocabulary and dance terminology, enabling students to strengthen somatic practices; rehearse and perform dance sequences; and create original phrases and transitions that express concrete and abstract concepts. Students develop and apply such basic 21st-century skills as self-assessment and problem-solving, critical analysis, collaboration, and rehearsal and performance protocols.

#### **DRAMA I**

**Grades: 9-12 LPHS & OHS**

This class provides students with experience in basic drama techniques through games, improvisation, pantomime, lip sync, vocal exercises, storytelling, self-directed scenes, and formal acting in scenes from classical and contemporary literature and plays. From these dramatic exercises and written examinations, students will gain an appreciation for the theatre, its history and influence in their lives. They will gain knowledge about the power and influence of the media so they can think for themselves and make constructive criticisms and judgments about the films, programs and plays to which they listen and view. This class may not be repeated. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **DRAMA II**

**Grades: 10-12-OHS Only**

This is an advanced level performing arts course on the fundamentals of acting. This course is the second year in a two course sequence of performing arts classes. Students will improve the necessary skills and perceptual knowledge to understand artistic perception, creative expression, historical and cultural context, as well as the connections, relations and applications of the performing arts. Students will learn by using the same resources as actors of the past and present to craft their individual performances. Projects will include written scripts that include character and plot development, creative story line techniques, story boarding, schedule management, make-up, costuming, set design, directing, production and self-evaluation. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

### **FOREIGN LANGUAGE**

**All Classes are Year-Long Unless Otherwise Noted**

#### **SPANISH FOR SPANISH SPEAKERS**

**Grades: 9-12 LPHS Only**

The course allows students to reactivate the Spanish they have learned previously and develop further, to learn more about their language and cultural heritage, to acquire Spanish literacy skills, to develop Spanish academic language skills, to increase career opportunities, or to complete a foreign language college requirement. Students develop academic vocabulary and acquire new information in different communication modes.

#### **SPANISH I**

**Grades: 9-12 LPHS & OHS**

This course is designed primarily for the non-native speaker of Spanish. It is designed to facilitate the acquisition of the target language by using the most current teaching techniques. The pace of the class and manner of instruction of the material is designed exclusively for the needs of the non-native speaker. The course will emphasize receptive and productive language skills using reading, writing, listening and speaking activities. The course will include, but not be limited to the following topics of study: Salutations; Friends; Family; School; Home; Community; Travel; Leisure Activities; Clothing; Stores; Animals; Time; Weather; Celebrations; Restaurant; Food; Geography; Health; and Environment. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## SPANISH II

**Grades: 10-12 LPHS & OHS**

**Prerequisite: Grade of "C" or better in Spanish I**

This course is designed primarily for the non-native speaker of Spanish. It is designed to facilitate the acquisition of the target language by using the most current teaching techniques. The pace of the class and manner of instruction of the material is designed exclusively for the needs of the non-native speaker. The course will emphasize receptive and productive language skills using reading, writing, listening and speaking activities. The course will include, but is not be limited to: reinforcement and expansion upon the content and skills acquired in level one; advanced study of linguistic structures to enhance communication; exploration of the literature of the target language; and further study of the target cultures. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## SPANISH III

**Grades: 11-12 LPHS & OHS**

**Prerequisite: Grade of "C" or better in Spanish II**

This course is designed primarily for the non-native or native speaker of Spanish. Teachers will use a variety of techniques to further develop the students' abilities in and knowledge of the target language. The course will emphasize receptive and productive language skills using reading, writing, listening and speaking activities. The course will include, but is not be limited to: reinforcement and expansion upon the content and skills acquired in levels one and two; advanced study of linguistic structures to enhance communication; further exploration of the literature of the target language; and increased study of the target cultures. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## AP SPANISH LANGUAGE

**Grades: 11-12 LPHS & OHS**

**Prerequisite: Grade of "C" of better in Spanish III**

This course is designed to further develop student's communicative abilities in Spanish. The course will emphasize the use of Spanish for active communication including listening, reading, speaking, and writing activities in preparation for the AP Spanish Language exam. Teachers will use a variety of techniques to further develop the students' abilities in the knowledge of the target language. The primary course emphases will include, but not be limited to: 1) Reinforcement of students' comprehension of formal and informal spoken Spanish; 2) Acquisition of vocabulary and linguistic structures to facilitate the easy, accurate reading of newspaper and magazine articles as well as modern literature; 3) Composition of expository passages; 4) Oral expression of ideas; and, 5) increased study of the target culture. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## AP SPANISH LITERATURE

**Grade: 12 OHS Only**

**Prerequisite: Grade of "C" or better in AP Spanish Language, Score of 3 or more on the AP Spanish Language Exam, or teacher recommendation**

The AP Spanish Literature course is intended to be the equivalent of a third-year college Introduction to Latin American or Peninsular Literature course, covering selected works from the literatures of Spain and Spanish America. Students will read and analyze literature orally and in writing. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

## NON-DEPARTMENTAL

All Classes Earn Elective Credit

All Classes are Year-Long Unless Otherwise Noted

## AGRICULTURAL STUDENT LEADERSHIP

**Grades: 10-12 LPHS Only**

**Prerequisite: Any Ag Course**

This course will provide students opportunities to set and develop their personal and career goals, advance communication and teamwork skills, and to build their personal leadership style. Emphasis will be placed upon completing assigned tasks, learning to function both as a team leader and committee member, and developing and using time management and organizational skills.

Students will be expected to participate in student organizations such as Associated Student Body, FCCLA, SkillsUSA, FFA or other.

## ASSOCIATED STUDENT BODY (ASB) LEADERSHIP

**Grades: 10-12 LPHS & OHS**

**Prerequisite: 2.5 GPA**

This course will provide students opportunities to develop their personal and career goals, advance communication and teamwork skills, and to build their personal leadership style. Emphasis will be placed upon completing assigned tasks, learning to function both as a team leader and committee member, and developing and using time management and organizational skills. Students will be expected to participate in student organizations such as ASB, FCCLA, FFA, SkillsUSA, etc.

## CAFETERIA AIDE

**Grades: 9-12 LPHS & OHS (One Semester Course)**

**(Students earn 2.5 credits for work during break or lunch or 5 credits if they work during a regular scheduled class period). Student must have prior approval by Cafeteria Manager.**

Provides experience in the care, preparation and handling of food as well as orderliness and cleanup procedures. Good attendance and the ability to make change are necessary for this class.

## INDEPENDENT LIVING SKILLS I

**Grade: 9-12 LPHS & OHS**

This course is designed to prepare students on an Individualized Education Plan (IEP) for life after high school with an emphasis placed on long-term health, social and emotional well-being, as well as financial education in order to achieve their long-term life goals. Students will clarify their own values about their school, community, and the world as a whole, while also learning to value the qualities of teamwork in order to achieve a common goal. This course will provide students the opportunity to apply their knowledge from the classroom to real life scenarios in the community, such as grocery shopping, using a washing machine and dryer, cooking, and shopping in retail centers. Students will develop a post-secondary plan, which will include a potential career, how they intend to be successful in acquiring employment, weekly, monthly and yearly budgeting, as well as affording leisure activities.

## INDEPENDENT LIVING SKILLS II

**Grade: 12 LPHS & OHS**

**Prerequisite: Independent Living Skills I**

This course builds on the key concepts learned in Independent Living Skills I and uses that knowledge in the school and community settings. Students will engage in community based instruction and will use their work and social skills to engage in a student-run coffee business. Throughout the year, students will complete projects that outline their educational, career and independent living skills, and complete a transitional binder that includes a resume, cover letter, letters of recommendation, completed work samples, and school achievements. This course ensures that students have the knowledge of adult services organizations that are available upon their graduation and helps students contact those service providers before they graduate.

## LIBRARY AIDE

**Grades: 11-12 LPHS & OHS**

**Prerequisite: Recommendation of Librarian**

This course is a 2.5 credit class open to all grade levels. Students receive "P" or "F" grades. Students are required to help other students to use the library research resources and to help maintain the library collection. Students will be taught to use a variety of resources including computerized data bases, video recording, the copy machines, and a variety of computer programs. Students are expected to demonstrate their ability to use library resources by completing a variety of projects.

## OFFICE AIDE

**Grades: 11-12 LPHS & OHS**

**Prerequisite: Students must have good attendance, a courteous attitude and prior approval to work in the in the various offices.**

Students working under the direct supervision of an office secretary, applying advanced clerical skills, receptionist, and use of office equipment. Provides experience in filing, typing, use of phones and copy machine. Work varies according to which office the student is

assigned, (Counseling, Attendance, Student Store, Principal's Office, ASB/Athletics). All offices use students as "runners" to deliver call slips, messages, homework requests, etc. to classrooms.

#### **TEACHER AIDE**

**Grades: 11-12 LPHS & OHS (One Semester Course)**

**Prerequisite: See individual teachers for approval.**

Provides students with varied work-related activities.

#### **TUTORIAL SUPPORT**

**Grades: 9-12 LPHS & OHS**

This class is modified for students with significantly below academic skill levels and learning differences based on their Individualized Educational Plan (IEP). This course is recommended through the IEP team and addresses academic support to the general education program. Students work on task completion, organization and transitional living skills necessary for meeting individual student needs as identified in their Individual Education Plan.

#### **YEARBOOK**

**Grades: 10-12 LPHS Only**

**Prerequisite: 2.5 GPA, Teacher recommendation and/or Application/Interview**

The creation of the school annual, a documentary of each year of the high school experience, involves the recording of events, individuals, and ideas in a variety of formats. Inherent to this process is an understanding of the elements and principles of art, photography, graphic design, text, business, and organization. Yearbook is a one year course. This course may be repeated for elective credit. **Note: This course meets the CSU/UC "A-G" Subject" requirement.**

#### **NOTES:**

