

MASTER COURSE LIST

ENGLISH (40 Credits Required)	9	English I				
	10	Honors English I English II Honors English II Academy English II				
		11	English III Honors English III Advanced Placement English Literature Academy English III			
	12	English IV Honors English IV Advanced Placement English Language & Expository Composition <u>Academy English IV</u>				
MATHEMATICS (20 Credits Required-Class of 2015) (30 Credits Required-Class of 2016 and beyond) (Must Pass Algebra I)	9, 10, 11, 12	Geometry Honors Geometry Introduction to Mathematics Mathematics I, IA, IB Honors Mathematics I Algebra I Algebra II Trigonometry Calculus <u>Advanced Placement Calculus</u>				
		SCIENCE (20 Credits Required-Class of 2015) (30 Credits Required-Class of 2016 and beyond) (10 Credits of Life Science and 10 Credits of Physical Science)	9, 10, 11, 12	Earth Science Honors Earth Science Biology Honors Biology Academy Biology Advanced Placement Biology Chemistry Advanced Placement Physics Honors Anatomy & Physiology Advanced Placement Chemistry <u>Academy Forensic Science</u>		
				SOCIAL SCIENCE (30 Credits Required)	10	World History/ Academy World History World History Essentials Honors World History
						11
				PHYSICAL EDUCATION (40 Credits Required unless Exempted from two years)	12	<u>Civics & Economics/Academy Civics & Economics</u>
					9, 10	Physical Education Sports Physical Education
					11, 12	Physical Education Sports Physical Education <u>Weight Training</u>
				VISUAL & PERFORMING ARTS or FOREIGN LANGUAGE (10 Credits Required)	9, 10, 11, 12	Beginning Art/ Advanced Art Advanced Placement Art History Cartooning & Animation Concert Band Beginning Band Beginning Guitar Music Theory & Analysis I Jazz Band Concert Choir

Earth Science is the entry level freshman course.

VISUAL & PERFORMING ARTS or FOREIGN LANGUAGE (continued)

CAREER & TECHNICAL EDUCATION 9
9, 10, 11, 12
(10 Credits Required)

Senior students transferring to Lower Lake High School in the second semester will be evaluated on an individual basis to determine whether they have satisfied Lower Lake High School graduation requirements.

All students are required to pass both sections (English/Language Arts and Mathematics) of the California High School Exit Exam in order to earn a diploma.

GENERAL ELECTIVES 9, 10, 11, 12
(110 Credits Required—Classes of 2014-15)
(90 Credits Required—Classes of 2016 & Beyond)

60 Hours (15 hours/year) of Volunteer Service Hours

- Chamber Choir (Blue Notes)
- Introduction to Dance
- Intermediate/Advanced Dance
- Beginning Drama/Advanced Drama
- Stage Craft
- Photography
- Radio and Television Broadcasting
- Spanish I, II, III or IV
- Freshmen Foundations
- Beginning Auto/Auto II/ROP Advanced Automotive
- Auto Body Repair
- Introduction to Culinary/ROP Advanced Culinary & Hospitality
- Introduction to Baking and Pastry Making
- Introduction to Agriculture
- Agriculture Mechanics
- Agriculture Project/Construction
- Ag Welding I & II
- Environmental Horticulture
- Floral Design
- Landscape & Nursery Practices
- Animal Science
- Ag Leadership and Career Development
- Introduction to Child Care
- Careers With Children/Careers With Children Practicum
- Emergency Response
- ROP Medical Tech. & Terminology
- Introduction to Fire Science
- Health
- Technology Core/Introduction to Computers
- Mechanical Drawing/Introduction to CAD
- Computer Applications 1/2
- ROP Adobe Design Collection/ Dreamweaver
- Introduction to Business & Business Law
- Business Mathematics
- Computerized Accounting
- Mathematics (Beyond 3 years required)
- Science (Beyond 3 years required)
- Visual & Performing Arts or Foreign Language (Beyond 1 year required)
- Physical Education (Beyond 2 years required)
- Sports Nutrition & Fitness
- Yearbook
- Academic Decathlon
- Improvisational Public Speaking
- Various Intervention Courses
- Career & Tech. Ed. (Beyond 1 year required)
- Psychology or Academy Psychology
- Work Experience Education
- Leadership
- Office/Teacher/Library Aide
- Upward Bound

California State University (CSU)/University of California (UC)

Freshman Admission Requirements

	Requirements for CSU	Requirements for UC
“a” Hist/Soc.Sci.	Two years of history/social science, including 1 year of U.S. History OR one semester of U.S. History and one semester of American Government AND	
	1 year of history/social science from either the “a” or “g” subject area	1 year of World History, Cultures and Geography from the “a” subject area
“b” English	4 years of English (including no more than one year of ESL/ELL/ELD courses)	
“c” Math	3 years of math; 4 years recommended	
“d” Science	2 years of laboratory science, including at least two of the three core disciplines of Biology, Chemistry and Physics	
	At least 1 year of physical science and 1 year of biological science, one from the “d” subject area and the other from the “d” or “g” area	Both courses must be from the “d” subject area. 3 years recommended
“e” Language (not English)	2 years of language other than English (must be the same language)	
		3 years recommended
“f” Arts	1 yearlong course in visual and performing arts (selected from dance, music, theater/drama and visual arts)	
“g” Electives	1 year of an elective chosen from any area on the approved “a-g” course list	
Maximum of 8 extra grade points awarded for approved honors or AP courses. No more than two yearlong courses taken in 10th grade can earn honors points. GPA calculated using only “a-g” approved course taken after the 9 th grade		
FOR ADMISSIONS PURPOSES, A GRADE OF “C” OR BETTER IS REQUIRED FOR ALL A-G COURSES.		

COLLEGE & CAREER PATHWAYS COURSES

I. ENGINEERING, ARCHITECTURE & TRANSPORTATION

Technology Core/Introduction to Computers	Mechanical Drawing/Introduction to CAD
Beginning Automotive	ROP Automotive II
ROP Advanced Automotive	ROP Auto Body Repair
Computer Applications 1/2	ROP Computer Applications 3/4

II. ARTS, MEDIA & ENTERTAINMENT

Beginning Art	Advanced Art
Beginning Drama	Advanced Drama
Stage Craft	Beginning Band
Concert Band	Jazz Ensemble
Concert Choir	Chamber Choir (Blue Notes)
Photography	Radio & Television Broadcasting
Technology Core/Introduction to Computers	Advanced Placement Art History
Cartooning	

III. HEALTH SCIENCE, MEDICAL, CHILD DEVELOPMENT, EDUCATION, & EMERGENCY SERVICES

Introduction to Child Care	ROP Careers With Children
ROP Careers With Children Practicum	Introduction to Health Careers I/II
Emergency Response	ROP Medical Terminology and Technology
Advanced Placement Psychology	

IV. HOSPITALITY, TOURISM, RECREATION, & AGRICULTURE

Introduction to Culinary	ROP Advanced Culinary
ROP Introduction to Baking & Pastry Making	Introduction to Agriculture
Ag Mechanics	Agriculture Project/Construction
Environmental Horticulture	Animal Science
Ag Leadership and Career Development	Ag Welding I & II

WORK EXPERIENCE EDUCATION

Students who are sixteen years old and older may register for the Work Experience Education program to earn graduation credit for their employment experiences. The Work Ability program is also available to qualifying students.

YUBA COMMUNITY COLLEGE & ON-LINE EDUCATION

Don't see a course you want or need? Inquire about our articulated courses with Yuba Community College or our On-Line courses.

DRIVER'S EDUCATION

Would you like to complete the Driver's Education classroom work? See the counselor for registration information.

ALL COURSES ARE DEPENDENT ON SUFFICIENT ENROLLMENT IN ORDER TO BE PLACED IN THE MASTER SCHEDULE

NOTES:

- Students may initiate schedule changes during the first two weeks of school.
- Grades for classes dropped after the ninth week of school will be posted to transcripts.
- Grades received for concurrent college courses will be posted to LLHS transcripts.

11th Grade Core Classes

Grade Level Required Courses:

- English
- United States History
- Third Year Science
- Third Year Mathematics

Elective Course

Junior students may select three electives, at least one of which must be in the students designated Pathway, to complete the seven period day schedule. Continued enrollment in Physical Education classes is required until students have passed the California Physical Fitness Test.

English

<p>Course Title</p> <p>Course Number: 1053</p> <p>Grade Level: 11</p> <p>Prerequisite: English II</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) English</p> <p>UC/CSU Credit: (b) English</p>	<p>English III</p> <p>This course is designed to develop skills in reading, writing, and oral English Language Conventions including listening and speaking. Vocabulary development will be based on the Common Core Standards regarding Tier I, II, and III levels as well as articles, stories, and novels assigned in class. Reading will provide support for the United States History curriculum through a variety of American literature including classic and contemporary texts, magazines, newspapers and online information. Writing and speaking will follow the Standard English Conventions. Students will write a research paper following MLA guidelines and also write the following types of essays: analytical, persuasive and response to literature in addition to resumes. Students are required to give benchmark oral presentations and a speech each semester.</p>
<p>Course Title:</p> <p>Course Number: 1083</p> <p>Grade Level: 11</p> <p>Prerequisite: “B” or better in Honors English II or “B” or better in English II & passed the E/LA CaHSEE and Teacher Recommendation</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) English</p> <p>UC/CSU Credit: (b) English</p>	<p>Honors English III</p> <p>This course is an accelerated version of English III with more depth and complexity. Prerequisite for this Honors class is having achieved in previous English class an A or B (or C in English Honors class) and by teacher recommendation. This course is designed to develop skills in reading, writing, and oral English Language Conventions including listening and speaking. Vocabulary development will be based on the Common Core Standards regarding Tier I, II, and III levels as well as articles, stories, and novels assigned in class. Reading will provide support for the United States History curriculum through a variety of American literature including classic and contemporary texts, magazines, newspapers and online information. Writing and speaking will follow the Standard Conventions of English. Students will write a research paper following MLA guidelines and also write the following types of essays: analytical, persuasive and response to literature. Students are required to give oral presentations and a speech</p>

		<p>each semester. Students in this course will learn and develop command of the Advanced Placement essay format and use it when analyzing a variety of forms of literature. The workload will include more than one hour of homework per night. This class is designed to prepare students for college and Advanced Placement level coursework. Summer reading and work will be assigned as part of this curriculum.</p>
<p>Course Title</p> <p>Course Number:</p> <p>Grade Level:</p> <p>Prerequisite:</p> <p>Length of Course:</p> <p>Graduation Credit:</p> <p>UC/CSU Credit:</p>	<p>1153</p> <p>11</p> <p>English II and enrolled in SERVE Academy</p> <p>Year</p> <p>(10) English</p> <p>(b) English</p>	<p>Academy English III</p> <p>This course is designed to develop skills in reading, writing, and oral English Language Conventions including listening and speaking. Vocabulary development will be based on the Common Core Standards regarding Tier I, II, and III levels as well as articles, stories, and novels assigned in class. Reading will provide support for the United States History curriculum through a variety of American literature including classic and contemporary texts, magazines, newspapers and online information. Writing and speaking will follow the Standard English Conventions. Students will write a research paper following MLA guidelines and also write the following types of essays: analytical, persuasive and response to literature in addition to resumes. Students are required to give benchmark oral presentations and a speech each semester.</p> <p>Additional requirements in this version of English III will be the investigation of SERVE Academy topics including different cultures, immigration, work force and community.</p>
<p>Course Title</p> <p>Course Number:</p> <p>Grade Level:</p> <p>Prerequisite:</p> <p>Length of Course:</p> <p>Graduation Credit:</p> <p>UC/CSU Credit:</p>	<p>1060</p> <p>9 and/or 10</p> <p>Teacher Recommendation</p> <p>Year</p> <p>(10) English</p> <p>(b) English</p>	<p>EDGE English</p> <p>This course is designed to develop skills in reading, writing, written and oral English language conventions, listening and speaking. EDGE is a core Reading/Language Arts program designed for students reading below grade level. It prepares students for success on exit exams and moves them graduation and a promising future! EDGE English provides relevant and motivating literature at an appropriate reading level. There is a systematic focus on repetition of one reading strategy at a time. Provided in every reading is ample practice for extensive and systematic grammar instruction. Reading, writing, and oral components are applied across genres to promote strategy transfer.</p>

<p>Course Title</p> <p>Course Number: 1093</p> <p>Grade Level: 11 and/or 12</p> <p>Prerequisite: "B" or better in Honors II, or in Honors English III, and Teacher Recommendation/"C" at semester to remain in the course</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) English</p> <p>UC/CSU Credit: (b) English</p>	<p>Advanced Placement - English Literature</p> <p>This course is considered a College Level English class with more depth and complexity. Expectation of taking National Exam at end of year, and if passed with a certain score or better, will earn college/university English credits. This challenging version of English Literature offers highly motivated students the opportunity to earn both high school and college credit by taking the AP English Literature course. Based on 12th grade course of study for British Literature, with supplements of expository text, students will develop academic literacy, learn and use critical thinking skills, be able to analyze literature and write on a higher level by developing the command of the AP essay format. Socratic seminars, multiple book readings, poetry analysis, multiple choice testing skills, presentations of findings, and weekly papers are all part of the course. The workload will include more than one hour of home-work per night, with NO LATE WORK ACCEPTED unless for medical reasons. Students must have excellent reading and writing skills, good class attendance, and the ability to make a commitment to taking a college level course while in high school. Summer reading and work will be assigned as part of this curriculum.</p>
<p><i>Advanced Placement English Literature and Language are offered in alternating years.</i></p>	
<p>Course Title</p> <p>Course Number: 1193</p> <p>Grade Level: 11 and/or 12</p> <p>Prerequisite: "B" or better in Honors II or Honors English III, and Teacher Recommendation/"C" at semester to remain in the course</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) English</p> <p>UC/CSU Credit: (b) English</p>	<p>Advanced Placement – Language and Expository Composition</p> <p>This course is considered a College Level English class with more depth and complexity. Expectation of taking National Exam at end of year, and if passed with a certain score or better, will earn college/university English credits. This challenging version of English Language and Expository Composition offers highly motivated students the opportunity to earn both high school and college credit by taking the AP Language and Composition course. In this course, students will develop academic literacy, learn and use critical thinking skills, be able to analyze various forms of expository text and write on a higher level by developing the command of the AP essay format. Class and group discussions, multiple non-fiction book readings and analysis with presentations of findings, use of non-fiction magazines, internet, newspapers, test taking skills, and writing papers are all part of the course. The workload will include more than one hour of homework per night, with NO LATE WORK ACCEPTED unless for medical reasons. Students must have excellent reading and writing skills, good class attendance, and the ability to make a commitment to taking a college level course while in high school. Summer reading and work will be assigned as part of this curriculum.</p>

Mathematics

Course Title:		Geometry
Course Number:	2060	The terms of geometry will be introduced and discussed.
Grade Level:	9 - 12	Topics include bisections of angles and triangles, altitudes, medians, supplementary and complementary angles, notions of congruence, perpendicular and parallel lines, polygons, quadrilaterals, parallelograms, similarity, the Pythagorean Theorem, circles, arcs, sectors, area, volume, basic constructions, transformations, properties of right triangles, and an introduction to Trigonometry.
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	
Course Title:		Honors Geometry
Course Number:	2061	This is a more rigorous course in Geometry for advanced students. Material covered will include those in the Geometry course, but at a higher level of difficulty and often at a faster pace.
Grade Level:	9 - 12	
Prerequisite:	“B” or better in Algebra I or Placement Exam	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	
Course Title:		Mathematics IB
Course Number:	2131	Mathematics I A and Mathematics I B is a set of 2 courses comprising the material that is taught in Mathematics I spread out over 2 years. The Mathematics I B course is to continue from the coursework from Mathematics I A. Bisection of angles, supplementary and complementary angles, the notions of congruence, perpendiculars, parallel lines, quadrilaterals, planes, polygons, similarity, the Pythagorean Theorem, basic trigonometric ratios, circles, arcs, area, volume, and basic constructions will constitute the majority of the geometric studies of this course.
Grade Level:	10 - 12	
Prerequisite:	Mathematics IA	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	
Course Title:		Mathematics I
Course Number:	2132	Mathematics I course is to formalize and extend the mathematics that students learned in the middle grades. The scope of the class for algebraic concepts is limited to linear and exponential expressions and functions as well as some work with absolute value, step, and functions that are piecewise-defined. The course will also include terms of geometry, which will be introduced and discussed. Bisection of angles, supplementary and complementary angles, the notions of congruence, perpendiculars, parallel lines, quadrilaterals, planes, polygons, similarity, the Pythagorean Theorem, basic trigonometric ratios, circles, arcs, area, volume, and basic constructions will constitute the majority of the geometric studies of this course.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	

Course Title:		Algebra I
Course Number:	2051	This course is designed to introduce the use of abstract thought to solve math problems by providing a formal development of algebraic skills and concepts necessary for students to succeed in math. Topics include properties of the real number system and associated arithmetic operations, solution sets of equations and inequalities, first-degree and second-degree functions, graphing linear and quadratic equations, exponents, radicals, factoring and polynomials.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	
Course Title:		Algebra II
Course Number:	2052	This course extends the content of Algebra I and provides further development of the algebraic concepts of functions. Topic include further exploration of first-degree and second-degree equations, inequalities, factoring, rational equations, functional relations, graphs, conic sections, systems of linear equations and inequalities, radicals, rational exponents, logarithmic and exponential functions, binomial theorem, sequences and series, probability and statistics.
Grade Level:	10 - 12	
Prerequisite:	“C” or better in Algebra I	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	
Course Title:		Trigonometry
Course Number:	2071	This course is comprised of the study of vectors, trigonometric functions of angles, line values and graphs, polar coordinates, complex numbers, fundamental relations, functions of two angles, solutions of triangles, circular functions, inverse functions, and power series. This course will also include a review of topics as a preparation for calculus.
Grade Level:	11 - 12	
Prerequisite:	“C” or better in both Algebra II & Geometry	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	
Course Title:		Advanced Placement Calculus
Course Number:	2076	The Advanced Placement (AP) Calculus course follows the Advanced Placement syllabus. Students will take the AP test in May. Course study will include properties of functions, limits, differential calculus, and integral calculus. Use of symbolic differentiation and integration utilities is also included.
Grade Level:	11 - 12	
Prerequisite:	“C” or Better in Trigonometry	
Length of Course:	Year	
Graduation Credit:	(10) Mathematics	
UC/CSU Credit:	(c) Mathematics	

Science

Course Title:		Earth Science
Course Number:	4060	This course introduces geologic and planetary terms and concepts, which are based upon the California State Standards. Key concepts include: rocks and minerals, earth's origin and history, planets, stars, natural forces, volcanism, plate tectonics, earthquakes, mountains, the ocean, atmospheric phenomenon, and California's geology.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Physical Science	
UC/CSU Credit:	(g) Electives	
Course Title:		Honors Earth Science
Course Number:	4064	This course is designed for students who seek a thorough background in scientific methods, concepts and the Earth Sciences. There will be the opportunity for additional research and current events. A major emphasis is placed on critical thinking skills and major scientific concepts.
Grade Level:	9 - 12	
Prerequisite:	Teacher Recommendation	
Length of Course:	Year	
Graduation Credit:	(10) Physical Science	
UC/CSU Credit:	(g) Electives	
Course Title:		Biology
Course Number:	4050	This is a college preparatory laboratory course. The material covered includes the following: scientific method, cell biology, biochemistry, genetics, evolution, patterns of homeostasis, transport and structure, sexual and asexual reproduction, physiology, photosynthesis and respiration. This course meets the CSU/UC requirements for laboratory science.
Grade Level:	9 - 12	
Prerequisite:	"C" or better in English or Earth Science	
Length of Course:	Year	
Graduation Credit:	(10) Life Science	
UC/CSU Credit:	(d) Science	
Course Title:		Honors Biology
Course Number:	4051	Honors Biology is a course designed for college-bound sophomores. This course will provide a deeper understanding of the California State Standards for Biological Sciences by including the optional standards for Biological Sciences in the curriculum in addition to the required standards. There will be an emphasis on laboratory experiments as well as project based learning to provide students with opportunities to increase understanding of biology, develop their critical thinking skills, as well as prepare them for AP Biology and/or higher level science classes. This is a laboratory course which meets CSU/UC requirements.
Grade Level:	9 - 12	
Prerequisite:	"B" or better in English and previous science course	
Length of Course:	Year	
Graduation Credit:	(10) Life Science	
UC/CSU Credit:	(d) Science	

<p>Course Title:</p> <p>Course Number: 4061</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: "C" or better in Biology & completion/enrollment in Algebra II</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Physical Science</p> <p>UC/CSU Credit: (d) Science</p>	<p>Chemistry</p> <p>This is a college preparatory course that explores the makeup and interaction of materials in our environment. Topics include atomic and molecular structure, solids, liquids, gases, stoichiometry, nuclear chemistry, and acid base chemistry. This is a laboratory course which meets CSU/UC requirements.</p>
<p>Course Title:</p> <p>Course Number: 4161</p> <p>Grade Level: 11 – 12</p> <p>Prerequisite: "C" or better in Biology & completion/enrollment in Algebra II</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Physical Science</p> <p>UC/CSU Credit: (d) Science</p>	<p>Advanced Placement Chemistry</p> <p>This is a college level course that explores the makeup and interaction of materials in our environment. Topics include atomic and molecular structure, solids, liquids, gases, stoichiometry, nuclear chemistry, and acid base chemistry. This is a laboratory course which meets CSU/UC requirements. Students scoring a three or above on the Advanced Placement exam may be awarded college credit.</p>
<p>Course Title:</p> <p>Course Number: 4056</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: Passing grade in Biology, Enrollment in the SERVE Academy</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Life Science</p> <p>UC/CSU Credit: (g) Elective</p>	<p>Academy Forensic Science</p> <p>Forensic science is a laboratory-based introduction to the analysis of crime scenes by collecting and analyzing physical evidence. This course is designed to integrate the core disciplines (as outlined in the California State Science Standards for grades 9-12) while giving students both theory and hands-on experience with the skills and knowledge required of a forensic crime scene investigator. This multidisciplinary approach will highlight topics in DNA, genetics, anatomy, chemistry, physics, entomology, botany, and investigative techniques with supplemental subject matter through case studies, earth science, mathematics, and medicine, technology with supplemental subject matter through legal and social concerns surrounding forensics will be discussed. Sample evidence for analysis will include, but is not limited to, fingerprints, DNA, projectiles and trajectories, hair, fibers, toxicology, blood splatter patterns, ballistics, chromatography, entomology, soil samples, flower, and impression. Process skills will include comparative analysis, critical thinking, deductive reasoning, interviewing, observation, organization, problem solving, research, communication, evidence collection, lab safety, and technical reading. Project-based learning through laboratory investigations and discussion/class lecture will serve as the main method of content delivery.</p>

<p>Course Title:</p> <p>Course Number: 4250</p> <p>Grade Level: 11 - 12</p> <p>Prerequisite: "B" or better in Biology or teacher recommendation</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Life Science</p> <p>UC/CSU Credit: (d) Science</p>	<p>Advanced Placement Biology</p> <p>This course is designed to prepare students for the Advanced Placement Exam in biology and follows the outline provided by the College Board. In addition to the scientific material presented, students will also learn test taking strategies for this particular exam. This is a laboratory course which meets CSU/UC requirements. Students completing this class are expected to take the Advanced Placement examination (financial assistance is available to qualifying students). Students must possess excellent reading and writing skills. Completion of Chemistry is recommended and students must be able to commit to taking a college level course in high school. Students in this course are expected to take the Advanced Placement exam, passage of which may result in college credit. (Financial assistance is available to qualifying students).</p>
<p>Course Title:</p> <p>Course Number: 4055</p> <p>Grade Level: 11 - 12</p> <p>Prerequisite: "B" or better in Biology or teacher recommendation</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Life Science</p> <p>UC/CSU Credit: (d) Science</p>	<p>Honors Human Anatomy & Physiology</p> <p>An elective course that focuses on the overall structure of the human body and how it works. Participation in this class includes multiple dissections. This is a strongly suggested class for students interested in careers in health sciences. This is a laboratory course which meets CSU/UC requirements.</p>
<p>Course Title:</p> <p>Course Number: 4062</p> <p>Grade Level: 11 - 12</p> <p>Prerequisite: "B" or better in Biology, completion or enrollment in Algebra II, or teacher recommendation</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Physical Science</p> <p>UC/CSU Credit: (d) Science</p>	<p>Advanced Placement Physics</p> <p>This is a college preparatory course that explores the interaction of forces in our environment. Topics include metrics, motion, resolving forces, energy and momentum, phases of matter, nature of light, electricity, and nuclear physics. This is a laboratory course which meets CSU/UC requirements. Students completing this class are expected to take the Advanced Placement examination, passage of which may result in college credit. (Financial assistance is available to qualifying students).</p>

History/Social Science

Course Title:		United States History
Course Number:	3053	This course is designed to provide students with an understanding of the modern problems arising from the industrial growth of the U.S. and with related economic and social problems. Emphasis is placed on the historic origins of the American heritage and upon the need for continued dedication to the principles set down in the U.S. Constitution, the Declaration of Independence, and other related documents and to the further development of American liberties.
Grade Level:	11	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) History	
UC/CSU Credit:	(a) History	
Course Title:		
Course Number:	3153	This SERVE Academy course follows the same outline as United States History and emphasizes America's rise as a world-class power from the end of the Civil War to the present. Students team with other Academy classes in project based course work. Instruction is thematic and focuses on health and human service issues in a supportive learning environment.
Grade Level:	11	
Prerequisite:	Enrollment in SERVE Academy	
Length of Course:	Year	
Graduation Credit:	(10) History	
UC/CSU Credit:	(a) History	
Course Title:		
Course Number:	3093	This Advanced Placement course offers a more in-depth examination of United States History. Students completing this class are expected to take the Advanced Placement examination (financial assistance is available to qualifying students). This course begins during the summer; see the instructor for details.
Grade Level:	11	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) History	
UC/CSU Credit:	(a) History	

Physical Education

Course Title:		Physical Education
Course Number:	7000	Physical Education is a requirement for all freshmen and sophomores. Each student must pass four semesters of P.E. to meet graduation requirements. The course will include activities and games that are aligned with the California physical education standards.
Grade Level:	10	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Physical Education	
UC/CSU Credit:	None	

Course Title:		Sports Physical Education
Course Number:	7002	Sports Physical Education is a physical education course designed for student athletes and is designed to meet the physical education standards and requirements as well as providing assistance in helping student athletes maintain their athletic academic eligibility.
Grade Level:	9 - 12	
Prerequisite:	Coach's Recommendation	
Length of Course:	Year	
Graduation Credit:	(10) Physical Education	Coaches will select and enroll students in this course.
UC/CSU Credit:	None	
Course Title:		Weight Training
Course Number:	7040	This course is designed to provide students with concentrated training in body development. Activities will include exercise with Olympic and standard free weights. An additional component will include sport related Workouts as well as proper nutritional habits. Cardio-vascular training, such as the mile and pacer will also be incorporated into the workouts. If a student does not successfully complete this elective class, he/she will not be allowed to repeat the course.
Grade Level:	11 - 12	
Prerequisite:	Successful completion of two years of general Physical Education (20 credits) and have the approval of the instructor. Pass the CA Physical Fitness Test	
Length of Course:	Year	
Graduation Credit:	(10) Physical Education	
UC/CSU Credit:	None	

Electives

		ENGINEERING, ARCHITECTURE & TRANSPORTATION PATHWAY
Course Title:		Beginning Automotive
Course Number:	8011	This course is designed to instruct students on the complete operation of a small engine. The course will also include instruction on systems such as cooling, lubrication, fuel and ignition systems. In addition, topics such as shop safety, identification and usage of fasteners, gaskets, sealants, bearings, measuring instruments and tools will be covered in this course.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective, CTE	
UC/CSU Credit:	None	
Course Title:		ROP Auto II
Course Number:	8911	This is the second course in a series of courses that comprise the Automotive Technology Career Path at Lower Lake High School. Automotive II will focus on the automobile. This course will include instruction on automotive engines focusing on lubrication, cooling, fuel, intake, exhaust, ignition, and emission systems, batteries, electrical principles, and computer principles.
Grade Level:	10 - 12	
Prerequisite:	"B" or better in Beginning Automotive	
Length of Course:	Year	
Graduation Credit:	(10) Elective, CTE	
UC/CSU Credit:	None	

<p>Course Title:</p> <p>Course Number: 8912</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: "B" or better in Auto II.</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective, CTE</p> <p>UC/CSU Credit: None</p>	<p>ROP Advanced Automotive (2 periods)</p> <p>This course is designed to prepare students for entry level or higher positions in the auto repair service industry. It is a Regional Occupation Program class in which the students will receive instruction on more advanced theory, diagnosis, and repair procedures. This class is in articulation with the Yuba College Tech Prep program. Those students who successfully complete this course can receive up to six units credit from Yuba College.</p>
<p>Course Title:</p> <p>Course Number: 8015</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: "B" or better in Beginning Automotive</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective, CTE</p> <p>UC/CSU Credit: None</p>	<p>Auto Body Repair</p> <p>This course covers all aspects of auto body repair and painting.</p>
<p>Course Title:</p> <p>Course Number: 9046</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Technology Core/Introduction to Computers</p> <p>Technology Core/Introduction to computers introduces students to career opportunities in the area of technology and will include many "hands-on" experiences with computers and technology for students.</p>
<p>Course Title:</p> <p>Course Number: 8916</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Mechanical Drawing/Introduction to CAD</p> <p>Using the tools of an architect, students enrolled in Mechanical Drawing/Introduction to Computer Assisted Design (CAD) will learn the basic skills necessary to progress in the field of architecture and engineering.</p>
<p>Course Title:</p> <p>Course Number: 9044</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: Proficient in keyboarding</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Computer Applications 1/2: Microsoft Office 2010</p> <p>These courses prepare students for employment in the computer office environment by introducing them to the Microsoft Office 2010 collection which includes Word, Excel, Power Point, Access, Publisher and Outlook. This is a year-long course.</p>

Course Title:		ROP Adobe Design Collection/ Dreamweaver
Course Number:	9045	
Grade Level:	10 - 12	
Prerequisite:	Proficient in keyboarding and Microsoft Office Word	In the first semester, students go through a review in Microsoft Office 2010 Power Point, are introduced to the Adobe Design Collection which includes Indesign, Illustrator and Photoshop. In the second semester, students are introduced to Adobe Dreamweaver and Flash, where they will be able to create their own Web designs. Students passing this course with a "C" or better will be awarded with an ROP Certificate.
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
Course Title:		Computerized Accounting
Course Number:	2858	
Grade Level:	10 - 12	
Prerequisite:	Proficient in Keyboarding	This course is an introduction to the field of accounting and computerized accounting systems. Emphasis is placed on knowing accounting as it relates to careers, accounting terminology, understanding accounting concepts, principles and practices, and applying accounting procedures. Students learn how to prepare and process financial data for computerized accounting systems such as accounts payable, accounts receivable, general ledger, inventory, payroll, purchasing, and electronic spreadsheets.
Length of Course:	Year	
Graduation Credit:	(10) Math	
UC/CSU Credit:	None	<i><u>This course satisfies the LLHS third year mathematics requirement but does not meet the UC/CSU mathematics requirement.</u></i>
Course Title:		Introduction to Business & Business Law
Course Number:	8041	
Grade Level:	10 - 12	
Prerequisite:	None	During the first semester, Introduction to Business introduces students to the fundamental concerns of the free enterprise system, including local, regional and U.S. Economics, basic functions of business and the impact of world trade on our economy.
Length of Course:	Year	
Graduation Credit:	(10) Elective	Second semester Business and Personal Law introduces the rules of conduct that protect our individual rights and enable Americans to live in a free country. Students will look at business torts and how government regulations effect business legislation within legal systems.
UC/CSU Credit:	None	
Course Title:		Business Mathematics
Course Number:	8043	
Grade Level:	10 - 12	
Prerequisite:	None	Business Mathematics is a year-long course in which students learn to use mathematics effectively as a tool in their personal and business lives. After students have completed this course, they will be able to apply mathematical concepts in various personal and business situations.
Length of Course:	Year	
Graduation Credit:	(10) Math	
UC/CSU Credit:	None	<i><u>This course satisfies the LLHS third year mathematics requirement but does not meet the UC/CSU mathematics requirement.</u></i>

Course Title:		Introduction to Fire Science
Course Number:	8972	This course will provide an overview of the history, methods, systems and regulations as they apply to the fire science field. Topics include history, evolution, statistics, suppression, organizations, careers and other related topics. Upon completion of this course, students will be able to demonstrate a broad understanding of the fire science field.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
		ARTS, MEDIA & ENTERTAINMENT
Course Title:		Beginning Art
Course Number:	6021	Beginning Art is an introductory course designed to give the student a better understanding of the visual, communicative and leisure arts, and their place in history and society. The student will be directed to develop a creative approach to problem solving, using the tools of design and composition. Various media will be incorporated in this exploration, including, but not limited to, drawing, watercolor, animation, color, design pen and ink, dough sculpture, video and photographic skills, and the use of audio to complement the various art forms. This course will follow California challenge guidelines for CSU/UC entry for art electives.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		Advanced Art
Course Number:	6050	A continuation and refinement of skills developed in Beginning Art. Individual projects and exploration will be encouraged. Areas of study may be expanded to include painting on canvas, photography, and other advanced skills such as computer animation. Students will also be trained in commercial art skills in preparation for paying hobbies or vocational training. This course will follow California challenge guidelines for CSU, SC entry for art electives and satisfies the CSU/UC a-g requirements.
Grade Level:	9 - 12	
Prerequisite:	“B” or better in Beginning Art	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		Concert Band
Course Number:	6073	This course explores, rehearses and performs traditional concert band literature and instrumental techniques. Literature will include all styles and eras of music. Participation at all performances, scheduled in and out of class time, weekdays and weekends, is required.
Grade Level:	9 - 12	
Prerequisite:	Ability to play a musical instrument	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	

Course Title:		Music Theory & Analysis I
Course Number:	6170	This course will help students understand that what they learn in theory relates to what they do onstage. Technology will be used that will allow the students to take their quizzes online and receive instant feedback. The course will help students understand what chords do in a piece and how those chords work together to move the music forward. Students will learn to hear harmonic progressions and be able to distinguish what is important, and to write music with harmonic logic and melodic beauty.
Grade Level:	10 – 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		
Course Number:	6074	Beginning Band is a class designed for students who want to learn to play a woodwind, brass or percussion instrument. Students will be taught how to read music and how to express themselves through music.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		
Course Number:	6070	This is an elective course for beginning guitarists with no experience on the instrument. The course includes music fundamentals, theory, songs, and performances, listening, improvising, and learning to read standard music notations as well as tablature. In addition, students will be encouraged to attend and play at performances. Students must provide their own guitar.
Grade Level:	9 – 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		
Course Number:	6020	This course explores, rehearses and performs traditional concert choir literature and vocal techniques. Literature will include all styles and eras of music. Participation at all performances, scheduled in and out of class time, weekdays and weekends, is required.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		
Course Number:	6071	This course explores, rehearses and performs traditional choir literature and vocal techniques. Literature will include all styles and eras of music. Participation at all performances, scheduled in and out of class time, weekdays and weekends, is required.
Grade Level:	9 - 12	
Prerequisite:	Audition	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	

Course Title:		Jazz Ensemble
Course Number:	6072	This course explores, rehearses and performs the aesthetic, musical and technical aspects of instrumental jazz music. Jazz Band members must also be enrolled in Concert Band. Participation at all performances, scheduled in and out of class time, weekdays and weekends, is required.
Grade Level:	9 - 12	
Prerequisite:	Audition, enrollment in Concert Band	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		Beginning Drama
Course Number:	6030	This class helps provide students with good communication skills and positive self-esteem. It will also help students to explore and develop their creativity. The Drama class will consist of, but not limited to, the following activities: improvisation techniques, theater games, voice control, oral interpretation, blocking skills, memorization, reading and analyzing scripts/plays, directing scenes, and audience participation.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		Advanced Drama
Course Number:	8050	Advanced Drama is a continued, more in-depth study and practice of the skills acquired in Beginning Drama. Students will write their own theatrical scripts, self-direct and perform.
Grade Level:	10 - 12	
Prerequisite:	“B” or better in Beginning Drama	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(f) Arts	
Course Title:		Stagecraft
Course Number:	6333	In this course, students learn about stage set design, theatrical costuming and make-up, and the creation of stage properties. This course supports our performing arts classes.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
Course Title:		Introduction to Dance
Course Number:	7003	This course will teach students the beginning “steps” of creative expression through dance and movement.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	

<p>Course Title:</p> <p>Course Number: 7005</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: Beginning Dance</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: (f) Arts</p>	<p>Intermediate/Advanced Dance</p> <p>This course provides students with an opportunity to master the beginning skills of dance while developing their technique, poise, self-confidence, and creative ability. Students will both choreograph and perform in class presentation. Students will build upon their vocabulary of dance including the basic elements of time, space, and force or energy. Student will be required to perform at school rallies and public performances.</p>
<p>Course Title:</p> <p>Course Number: 8943</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Photography</p> <p>Using digital photography equipment, students will learn the skills required to produce professional level photographs.</p>
<p>Course Title:</p> <p>Course Number: 8917</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Radio and Television Production</p> <p>The radio and television production course will teach students all of the skills required to produce and air, via the internet, radio and television programs. Students will gain experience working in a studio and producing the school's daily bulletin, sporting events, music concerts, theatrical productions, and special events.</p>
<p>Course Title:</p> <p>Course Number: 6051</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Cartooning and Animation</p> <p>Cartooning students will learn how to create ideas and illustrate pictures for cartoons dealing with politics, current events, irony, creative storytelling, and other creative projects mutually agreed upon by the student and teacher.</p>

<p>Course Title: Course Number: Grade Level: Prerequisite:</p> <p>Length of Course:</p> <p>Graduation Credit:</p> <p>UC/CSU Credit:</p>	<p>6052 11 - 12 None</p> <p>Year</p> <p>(10) Elective</p> <p>(f) Arts</p>	<p>Advanced Placement Art History AP Art History is a college-level course intended to prepare students for the Advanced Placement Art History Examination. The fall term of Art History, covers art from the Prehistoric Era through the Medieval Period. The spring term of Art History, covers art from around the world from the Renaissance through art of the 20th Century.</p> <p>Art History is practiced in everyday life and is not an esoteric field of study meant only for specialists. In this spirit, there are several objectives for the course, including an emphasis on visual literacy and developing both critical thinking skills and an appreciation of works of art from cultures beyond the European tradition. Students also learn how art mediates a vast range of human experiences. Students completing this class are expected to take the Advanced Placement examination, passage of which may result in college credit. (Financial assistance is available to qualifying students).</p>
		<p>HEALTH SCIENCE, MEDICAL, CHILD DEVELOPMENT, EDUCATION, & EMERGENCY SERVICES</p>
<p>Course Title: Course Number: Grade Level: Prerequisite:</p> <p>Length of Course:</p> <p>Graduation Credit:</p> <p>UC/CSU Credit:</p>	<p>8914 9 - 12 None</p> <p>Year</p> <p>(10) Elective, CTE</p> <p>None</p>	<p>Introduction to Child Development This class is designed to educate students about consequences of sexual activity, family planning, pregnancy, developing healthy parenting and family skills, childbirth and how to care for an infant and toddler. The Reality Works pregnancy simulator and Real Care infant simulators are used in this course.</p>
<p>Course Title: Course Number: Grade Level: Prerequisite:</p> <p>Length of Course:</p> <p>Graduation Credit:</p> <p>UC/CSU Credit:</p>	<p>8900 10 - 12 “C” or better in Introduction to Child Care (recommended)</p> <p>Year</p> <p>(10) Elective, CTE</p> <p>None</p>	<p>ROP Careers With Children This course is designed to educate and prepare students for a career in child care or school setting. It will provide students with the knowledge, skills, attitudes and behaviors that will be necessary to guide, interact with and/or instruct children ages four through twelve years old. Units covered include, but are not limited to, all areas of development, health and safety, family challenges, child abuse and neglect, child care options and preparing for a career working with children. Students will have the opportunity to interact with and work hands-on with young children.</p>

Course Title: Course Number: Grade Level: Prerequisite: Length of Course: Graduation Credit: UC/CSU Credit:	8901 9 - 12 "C-" or better in Careers With Children <u>both</u> semesters Year (10) Elective None	ROP Careers With Children Practicum Practicum is a separate elective class which allows students to go to one of the local preschools/child care programs or elementary schools for one class period each day to work as a teacher's assistant in a classroom to gain hands-on experience working with children. All students enrolled in this class will be required to have a current TB test on file. Positive attendance is required.
Course Title: Course Number: Grade Level: Prerequisite: Length of Course: Graduation Credit: UC/CSU Credit:	8913 10 - 12 None Year (10) Elective, CTE None	Emergency Response This course explores the jobs and training requirements of first responders such as EMTs, fire and law enforcement. Students completing this course will become CPR certified.
Course Title: Course Number: Grade Level: Prerequisite: Length of Course: Graduation Credit: UC/CSU Credit:	8915 10 - 12 None Year (10) Elective, CTE None	ROP Medical Technology & Terminology This course studies the terminology and technology used in today's medical careers. Students in this class participate in a volunteer program at a local hospital and provides excellent experience for students interested in pursuing a possible career in the health care industry.
Course Title: Course Number: Grade Level: Prerequisite: Length of Course: Graduation Credit: UC/CSU Credit:	3094/3194 10 - 12 None/Academy Member Year (10) Elective, CTE None	Psychology and Academy Psychology The Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.
Course Title: Course Number: Grade Level: Prerequisite: Length of Course: Graduation Credit: UC/CSU Credit:	7100 11 - 12 None Year (10) Elective None	Sports Nutrition & Fitness Students in this course will explore the fundamentals of nutrition in relation to personal weight conditioning and fitness planning for sports. A trans-disciplinary approach to nutrition and exercises will be explored. Learning lifelong skills to live a healthier life.

**HOSPITALITY, TOURISM,
RECREATION, & AGRICULTURE**

<p>Course Title:</p> <p>Course Number: 8020</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective, CTE</p> <p>UC/CSU Credit: None</p>	<p>Introduction to Culinary Arts</p> <p>This year-long course is designed as an introduction to food service production. Course work includes instruction in kitchen safety and sanitation, knife skills, food storage and nutrition. The course also includes basic modern restaurant cooking techniques such as sauce making, meat cutting, lunch and dinner entrée preparation, meal planning, presentation and service. Students will be required to participate with catered events, operate and maintain food service machines and equipment.</p>
<p>Course Title:</p> <p>Course Number: 8023</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective, CTE</p> <p>UC/CSU Credit: None</p>	<p>Introduction to Baking & Pastry Making</p> <p>This year-long course is designed to introduce students to techniques of bread making, pastry, and desserts. Course work includes instruction in baking, proofing, proper handling of yeast, temperature, flavoring, and balance. The course includes basic modern restaurant cooking techniques, proper food service sanitation, presentation and service. Students will be required to participate with catered events, operate and maintain food service machines and equipment.</p>
<p>Course Title:</p> <p>Course Number: 8021</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: "B" or better in Introduction to Culinary Arts</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective, CTE</p> <p>UC/CSU Credit: None</p>	<p>ROP Advanced Culinary Arts (2 periods)</p> <p>This year-long course prepares students with the skills, attitudes and knowledge for employment in the culinary and hospitality industry. Industrial topics include safety and sanitation, HCAAP regulations, safe serve topics, and the planning, selecting, preparing and selling of quality food products. The class operates the Trojan Café as a take-out restaurant for the staff at the high school, district office and elementary school.</p>
<p>Course Title:</p> <p>Course Number: 8111</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Introduction to Agriculture</p> <p>This is the introductory course to the agriculture pathway, which provides an overview of the wide range of opportunities in the agriculture industry. Specifically, students will learn about animal and plant science related to the agriculture industry, Future Farmers of America training and competitions, and Supervised Occupational Experience projects. Students will be trained in the leadership skills of public speaking, parliamentary procedure, debate, judging teams, recordkeeping for supervise projects and career preparation. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.</p>

Course Title:		Agriculture Mechanics
Course Number:	8112	This introductory course in agriculture mechanics develops knowledge and technical skills in the broad field of agriculture machinery, equipment and structures. The topics of this course include: agricultural mechanics safety, hand/power tool use and selection, electrical wiring, metal working, plumbing, concrete, carpentry, welding, and small gas engines. Students will work on a variety of projects in the shop facility. Grade 10 students are allowed enrollment by permission of the instructor only. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.
Grade Level:	10 - 12	
Prerequisite:	Introduction to Agriculture	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
Course Title:		Agriculture Project/Construction
Course Number:	8115	This advanced course is a practical hands-on project based construction course utilizing welding and wood construction. Students will be completing large-scale and small-scale school and district projects students must have an ongoing supervised agriculture education project. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.
Grade Level:	11 - 12	
Prerequisite:	“C” or better in Agriculture Mechanics	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
Course Title:		Agriculture Welding I & II
Course Number:	8036	Students enrolled in Agriculture Welding I & II will focus on welding and metal fabrication in the Ag classroom and metal shop designing and building projects related to the field of agriculture. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.
Grade Level:	10 - 12	
Prerequisite:	“C” or better in Ag Mechanics	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
Course Title:		Environmental Horticulture
Course Number:	4021	This course is intended to successfully prepare students who plan to major in agricultural sciences in college or pursue a career in agriculture. Students will learn about the agricultural effects of environmental ecology, plant reproduction, plant physiology and growth, plant pathology and entomology, biotechnology applications in agriculture, soil structure and function, plant nutrients, plant names and classifications, seed plants, flowering plants, fruit bearing plants, and the history of plants through civilizations. Students will conduct a plant research project. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.
Grade Level:	10 - 12	
Prerequisite:	“C” or better in Intro to Ag	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
		<i>This course satisfies the Lower Lake High School third year science requirement but is not a UC/CSU a to g science course.</i>

<p>Course Title:</p> <p>Course Number: 8116</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: "C" or better in Environmental Horticulture</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Ornamental Horticulture/Landscape Design and Viticulture Practices</p> <p>Students will learn about native and non-native plant species, irrigation methods, landscape design aesthetics, and garden structures. Students design, assemble and plant landscape areas. Students will also assist with enhancing and maintaining the schools landscape. Also, students will learn about the business and procedural aspects of vineyard production and cultivation by participating in hands-on lessons in the school's vineyard. Students will take on leadership roles in vineyard, crop and farm production activities. In the second half of the course, students will learn advanced theories and principles related to environmental horticulture science. Students will engage in interactive projects in sustainable agriculture, plant propagation, ecology and ecosystems and organic and greenhouse practices. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.</p>
<p>Course Title</p> <p>Course Number: 8120</p> <p>Grade Level: 10 – 12</p> <p>Prerequisite: Environmental Horticulture</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Floral Design</p> <p>This is an entry level course designed to introduce students to all aspects of the floral industry. Emphasis will be placed on design, flower identification, tools and potted plant identification.</p>
<p>Course Title</p> <p>Course Number: 8921</p> <p>Grade Level: 11 - 12</p> <p>Prerequisite: Floral Design</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Landscape and Nursery Practices</p> <p>This course will prepare students to be employed as a landscape laborer or nursery technician.</p>
<p>Course Title:</p> <p>Course Number: 8114</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: Introduction to Agriculture or "C" or better in Biology</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Animal Science</p> <p>This course introduces students to animal breeds and care, livestock, large and small breeds. This is the beginning course for students wanting to pursue a career in veterinary and animal sciences. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.</p> <p><i>This course satisfies the Lower Lake High School third year science requirement but is not a UC/CSU a to g science course.</i></p>

<p>Course Title</p> <p>Course Number: 8118</p> <p>Grade Level: 11 – 12</p> <p>Prerequisite:</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Ag Leadership and Career Development</p> <p>Students will explore opportunities in personal and professional development. This course is recommended for students who are FFA officers and students interested in public service, politics, or just want to work on personal improvement. FFA participation/membership is required and public speaking activities occur frequently.</p>
<p>Course Title:</p> <p>Course Number: 8117</p> <p>Grade Level: 10 - 12</p> <p>Prerequisite: “C” or better in Introduction to Agriculture</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Natural Resources and Forestry</p> <p>This course prepares students for potential careers in natural resource management, forestry, and game and wildlife management. Students will explore scientific method and research skills used in natural resource management. There will be a variety of career explorations with career professionals as well as a focus on local natural resource agencies. Participation in Future Farmers of America is required as well as the development of a supervised agriculture education project.</p>
	<p>NON-PATHWAY GENERAL ELECTIVES</p>
<p>Course Title:</p> <p>Course Number: 1001</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: (g) Elective</p>	<p>Improvisational Public Speaking</p> <p>This course concentrates on basic speaking skills, how to prepare a speech, how to actively listen and proper evaluation techniques. Speaking in public can be a frightening activity for students; this course provides a stress-free environment to help students overcome this fear. Improvisation and theatrical games will be included to help students gain stage presence while giving speeches.</p>
<p>Course Title:</p> <p>Course Number: 5051</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: “C” or better in English or teacher recommendation</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: (e) Foreign Language</p>	<p>Spanish I</p> <p>Students enrolled in Spanish I recognize and distinguish cognates and false cognates to aid in second-language acquisition and development. Vocabulary lessons at this level focus on highly-predictable, real-world subjects and situations, for example, items found in a classroom and around a school campus, numbers, colors, school subjects, describing friends, and identifying the relationships of family members. Students learn the basic rules of conjugation for frequently used present-tense verbs, and all four language domains are practiced and addressed: listening, speaking, reading, and writing. Students learn about and appreciate cultural traditions of people living in Spanish-speaking countries. At the end of the course, students exhibit basic proficiency in spoken and written communication.</p>

Course Title:		Spanish II
Course Number:	5052	Students enrolled in Spanish II receive expanded vocabulary instruction founded upon previous and future experiences. The basic rules of conjugation for frequently used past-tense verbs (preterite and imperfect tenses) are instructed, and there is an increased emphasis on irregular verbs (irregular yo forms and stem-changes). At this stage, students begin experimenting with the language as it relates personally to their academic and personal lives via the use of all four language domains (listening, speaking, reading, and writing) with a greater emphasis on language semantics. Students have a more in-depth understanding and appreciation of the cultures and traditions of people from Spanish-speaking countries.
Grade Level:	10 - 12	
Prerequisite:	“C” or better in Spanish I or teacher recommendation	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(e) Foreign Language	
Course Title:		Spanish III
Course Number:	5053	Students enrolled in Spanish III exhibit increased proficiency and confidence in the language when engaging in both structured and predictable environments, as well as during free and spontaneous conversation in Spanish. A concentrated focus on reading comprehension and vocabulary expansion enables students to respond to and initiate conversation with spoken and grammatical accuracy. Upon conclusion of this course, students are sufficiently prepared to visit a Spanish-speaking country.
Grade Level:	11 - 12	
Prerequisite:	“C” or better in Spanish II or teacher recommendation	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	(e) Foreign Language	
Course Title:		Leadership
Course Number:	9030	Leadership is a class for ASB (Associated Student Body) officers and other school leaders. Students participate in the planning, execution, and completion of school events. Some examples are lunch-time activities, rallies, dances, assemblies, and other activities that enhance the student experience at Lower Lake High School.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
Course Title:		Yearbook
Course Number:	8055	Yearbook students prepare the Lower Lake High School annual yearbook for publication and are involved with photography, word processing, soliciting advertising, and page design and layout.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	
Course Title:		Academic Decathlon
Course Number:	9050	Academic Decathletes spend most of the year in an in-depth study of a topic in preparation for the annual Lake County Academic Decathlon. Student enrolled in this course represent Lower Lake High School in this annual academic competition.
Grade Level:	9 - 12	
Prerequisite:	None	
Length of Course:	Year	
Graduation Credit:	(10) Elective	
UC/CSU Credit:	None	

<p>Course Title:</p> <p>Course Number: 9056</p> <p>Grade Level: 9 - 12</p> <p>Prerequisite: None</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Upward Bound</p> <p>Junior students for the Upward Bound program must go through an application and interview process to be selected for the program. This typically occurs during the first semester of the freshman year and selected students begin the program during the second semester.</p>
<p>Course Title:</p> <p>Course Number: 9020</p> <p>Grade Level: 11 – 12</p> <p>Prerequisite: Consent of Teacher</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Teacher’s Assistant</p> <p>TAs assist teachers by preparing materials for class, organizing and filing papers, and providing general classroom assistance to the teacher.</p>
<p>Course Title:</p> <p>Course Number: 9801</p> <p>Grade Level: 11 – 12</p> <p>Prerequisite: Consent of Administrator</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Office Assistant</p> <p>Office Assistants assist the administration and secretarial staff by running errands, organizing and filing papers and providing general support to office personnel.</p>
<p>Course Title:</p> <p>Course Number: 9802</p> <p>Grade Level: 11 – 12</p> <p>Prerequisite: Consent of Librarian</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Library Assistant</p> <p>Library Assistants assist the librarian by filing books, organizing and filing papers, and providing general assistance to the librarian.</p>
<p>Course Title:</p> <p>Course Number: 9803</p> <p>Grade Level: 11 – 12</p> <p>Prerequisite: Consent of Cook</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>Cafeteria Assistant</p> <p>Cafeteria Assistants assist the kitchen personnel by helping to prepare and serve meals and providing general kitchen assistance to the cook staff.</p>
<p>Course Title:</p> <p>Course Number: 9804</p> <p>Grade Level: 11 – 12</p> <p>Prerequisite: Consent of Administrator</p> <p>Length of Course: Year</p> <p>Graduation Credit: (10) Elective</p> <p>UC/CSU Credit: None</p>	<p>College & Career Center Assistant</p> <p>College and Career Center Assistants assist the Career Center Technician by preparing materials, organizing and filing papers, and providing general office assistance.</p>

Lower Lake High School
ELEVENTH GRADE COURSE REQUEST FORM

2014 – 2015 School Year

(P)College Prep – A to G Courses	(AP)Advanced Placement	(#)Prerequisite
(*) Requires Current or Future Teacher Consent		

Student Name (print legibly) _____ Due Date: _____

Pathway Selection: ___ **Engineering;** ___ **Arts;** ___ **Health Science;** ___ **Hospitality**

REQUIRED COURSES:

ENGLISH

- 1053 English III (P)
- 1083 Honors English III (P) (*)
- 1093 AP English Literature (P) (*)

MATHEMATICS

- 2131 Mathematics IB (P)
- 2132 Math I (P)
- 2051 Algebra I (P)
- 2060 Geometry (P)
- 2061 Honors Geometry (P) (*)
- 2052 Algebra II (P) (#)
- 2071 Trigonometry (P) (#)
- 2076 AP Calculus (P) (#)

HISTORY/SOCIAL SCIENCE

- 3053 United States History (P)
- 3093 AP United States History (P,*)

SCIENCE

- 4060 Earth Science (P)
- 4064 Honors Earth Science (P) (*)
- 4050 Biology (#) (P)
- 4051 Honors Biology (P) (*) (#)
- 4250 AP Biology (P) (#)
- 4061 Chemistry (P) (#)
- 4161 AP Chemistry (P) (#)
- 4062 AP Physics (P) (#)
- 4055 Honors Anat. & Phys. (P) (#)

PHYSICAL EDUCATION

- 7000 Physical Education
- 7040 Weight Training

GENERAL & COMMON PATHWAY ELECTIVES

- 1001 Improvisational Public Speaking
- 9050 Academic Decathlon (*)
- 9020 Teacher’s Assistant
- 9801 Office Assistant
- 8041 Intro to Business & Business Law

PATHWAY ELECTIVE COURSES:

ENGINEERING & ARCHITECTURE

- 8011 Beginning Automotive
- 8015 Auto Body Repair (#)
- 8911 ROP Auto II (#)
- 8912 ROP Adv. Automotive (2 per) (*)
- 8916 Mechanical Drawing/Introduction to CAD
- 9044 Computer Applications 1/2
- 9045 ROP Adobe Design/Dreamweaver
- 9046 Technology Core/Introduction to Computers

ARTS, MEDIA & ENTERTAINMENT

- 6020 Concert Choir (P)
- 6021 Beginning Art (P)
- 6030 Beginning Drama
- 6333 Stage Craft
- 6050 Advanced Art (P) (#)
- 6051 Cartooning & Animation
- 6052 AP Art History (P)
- 6071 Chamber Choir (P) (*)
- 6072 Jazz Ensemble (P) (*)
- 6073 Concert Band (P)
- 6170 Music Theory & Analysis I
- 6074 Beginning Band
- 6070 Beginning Guitar
- 7003 Introduction to Dance
- 7005 Intermediate/Advanced Dance
- 8050 Advanced Drama (P) (#)
- 8917 Radio and Television Broadcasting
- 8943 Photography

HEALTH SCIENCE, MEDICAL, CHILD DEVELOPMENT, EDUCATION AND EMERGENCY SERVICES

(SERVE Academy)

- 1153 Academy English III (P) (*)
- 3153 Academy U. S. History (P)
- 4056 Academy Forensic Science (P)
- 8914 Introduction to Child Development
- 8900 ROP Careers With Children
- 8901 ROP Careers with Children Practicum (#)
- 8913 Emergency Response
- 8915 ROP Medical Terminology/Technology
- 8972 Introduction to Fire Science
- 3194 Academy Psychology
- HOSPITALITY, TOURISM, RECREATION & AGRICULTURE**
- 4021 Environmental Horticulture
- 8020 Introduction to Culinary Arts
- 8021 ROP Advanced Culinary Arts (2 per) (#)
- 8023 Intro to Baking & Pastry Making
- 8036 Ag Welding I & II
- 8111 Introduction to Agriculture
- 8112 Ag Mechanics
- 8114 Animal Science
- 8115 Agriculture Project/Construction
- 8921 Landscape & Nursery Practices
- 6058 Ag Leadership & Career Development
- 8116 Ornamental Horticulture/Landscape Design & Viticulture Practices
- 8120 Floral Design
- 8117 Natural Resources & Forestry
- 8188 Ag Leadership & Career Development

- 9030 Leadership (*)
- 8055 Yearbook (*)
- 9056 Upward Bound
- 9802 Library Assistant
- 8043 Business Math
- 9803 Cafeteria Aide
- 9804 Career Center Asst.
- 3094 Psychology
- 7100 Sports Nutrition & Fitness
- 2858 Computerized Accounting
- 5051 Spanish I (P)
- 5052 Spanish II (#) (P)
- 5053 Spanish III (#) (P)

DIRECTIONS

Fill in the appropriate course numbers and titles. All efforts will be made to honor requests, however, course offerings and space availability may modify your selections. Missing or incomplete schedule request forms will result in your counselor scheduling your courses.

SCHEDULE REQUEST

Course #	Course Title
	English
	Math
	History
	Science
	Elective
	Elective
	Elective
	Alternate
	Alternate