

Littlerock High School

**Antelope Valley Union
High School District**



Course Book

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**ANTELOPE VALLEY UNION HIGH SCHOOL
DISTRICT
GRADUATION REQUIREMENTS**



In order to earn a diploma from Littlerock High School, students must meet specific criteria:

1. Pass the California High School Exit Exam.
2. Earn a total of 230 credits.
3. Pass specific required courses outlined below.

GENERAL EDUCATION COURSE REQUIREMENTS

ENGLISH 9, 10, 11, 12.....	40 credits
MATHEMATICS	30 credits
SCIENCE	20 credits
Physical (10)	
Biological (10)	
SOCIAL SCIENCE.....	30 credits
World History – 10 th grade (10)	
U.S. History- 11 th grade (10)	
Civics/Economics 12 th grade (10)	
HEALTH	10 credits
PHYSICAL EDUCATION	20 credits
9 th and 10 th grade	
VISUAL/PERFORMING ARTS OR FOREIGN LANGUAGE:	10 credits
ELECTIVES.....	70 credits
TOTAL CREDITS FOR GRADUATION:	230 CREDITS (minimum)

CALIFORNIA HIGH SCHOOL EXIT EXAM

State law, enacted in 1999, authorized the development of the CAHSEE, which students in California public schools would have to pass to earn a high school diploma. There are two parts to the CAHSEE: English-language arts and mathematics. By law, each part is to address state academic content standards adopted by the SBE.

SUPPLEMENTAL INSTRUCTION

It is the intent of the Board of Trustees that all students progress at least to a normal rate of earning credits throughout their four years of high school. Students will be allowed to make up these credits in an after school program and/or during summer school.

POST HIGH SCHOOL EDUCATION

Students are encouraged to seek academic, vocational, and college counseling throughout their four-year stay at Littlerock High School. In this way students can make certain that they are taking appropriate vocational courses or are satisfying admissions requirements for the college of their choice.

VOCATIONAL TRADE SCHOOLS

Entrance requirements for business, trade, and technical schools vary. Students may obtain information from various directories in the Career Center as well as by seeing their counselor. Students should also be aware that scholarships and grants are available to qualified students who attend these schools.

CALIFORNIA COMMUNITY (JUNIOR) COLLEGES

Community colleges admit any student who is a graduate of a high school or is at least 18 years of age. Antelope Valley College is our local community college. However, students may attend a community college outside of the Antelope Valley. Students may take courses of interest to them, can prepare for employment after a course of study which may lead to an Associate degree, or can complete the general education requirements and then transfer them to a university.

Cal State Admission Requirements

Admission is based upon the student's grade point average (grades obtained in 10th, 11th and 12th grades, excluding P.E.) and bonus points for each "C" or better in approved honors courses, in ratio with an SAT or ACT score. Students with a GPA lower than 2.0 do not qualify for regular admission. The complete Eligibility Index table is available on the www.csumentor.edu website.

Students must complete a specific course sequence called the "a-g" pattern of courses and receive a "C" or better in each course in order to be considered for admission:

- | | |
|---|---|
| a. History/Social Science – 2 years | e. Foreign Language (the same language) – 2 years (3 recommended) |
| b. English – 4 years | f. Visual, Fine or Performing Art – 1 year |
| c. Mathematics – 3 years
(Algebra 1, Geometry, and Algebra 2)
4 years recommended | g. Elective Courses (chosen from the subject areas listed above or approved college prep elective courses) – 1 year |
| d. Laboratory Science – 2 years
(3 recommended) | |

UNIVERSITY OF CALIFORNIA

Student has to meet the same a-g pattern as the California State University system. The courses you take to fulfill the Subject Requirement must be certified by the University as meeting the requirement and must be included on your high school's UC certified course list. Your counselor will have a copy of this list. In addition the lists are available online at www.ucop.edu/doorways/list

Under the Eligibility in the Local Context (ELC) path, the top four percent of students at each participating California high school are designated eligible for admission to one of UC's nine undergraduate campuses.

To be considered for ELC, you must complete 11 specific units of the Subject Requirement by the end of your junior year. With the assistance of each participating high school, the University will identify the top four percent of students on the basis of GPA in the required coursework completed in the 10th and 11th grades. The 11 units include: 1 unit of history/social science, 3 units of English, 3 units of mathematics, 1 unit of laboratory science, 1 unit of language other than English and 2 units chosen from among the other Subject Requirements. One unit is equivalent to 1 year-long high school course.

The University will notify ELC students of their status at the beginning of their senior year. If you are designated UC-eligible through ELC, you must submit the University's undergraduate application during the November filing period and complete remaining eligibility requirements, including the Subject and Examination Requirements, to enroll.

The severity of recent state budget cuts and the lack of state funding for enrollment growth in 2004-2005 may prevent the University from guaranteeing admission to all UC-eligible students, including ELC students. However, the ELC designation remains one of the criteria considered by selective campuses when the number of applicants exceeds the spaces available. Additional information about ELC is available online at www.ucop.edu/sas/elc.

The Scholarship Requirement defines the grade point average (GPA) you must attain in the "a-g" subjects and the SAT I (or ACT) and SAT II test scores you must earn to be eligible for admission to the University.

If your GPA is 2.8 or above, you satisfy the minimum Scholarship Requirement if you achieve the test score total indicated in the Eligibility Index. Only the grades you earn in "a-g" subjects in the 10th and 11th grades are used to calculate your GPA. Final grades you earn in "a-g" subjects in the 12th grade are used to confirm that UC eligibility and campus conditions for admission have been fulfilled. Courses you take in ninth grade can be used to meet the Subject Requirement if you earn a grade of C or better, but they will not be used to calculate your GPA.



The University assigns extra points for up to four units of University-certified honors level, Advanced Placement and International Baccalaureate Higher Level and designated Standard Level courses taken in the last three years of high school: A=5 points, B=4 points, C=3 points. No more than two years of UC-approved honors level courses taken in the tenth grade may be given extra points. A grade of D in an honors or advanced placement course does not earn extra points.

PRIVATE COLLEGES AND UNIVERSITIES

Entrance requirements vary from institution to institution. It is important, therefore, that students obtain catalogues for all schools being considered. The Career Center has catalogues from many different institutions. The counselors can give students the address of any college in the country if they wish to send for their own copies of catalogues. Also, most institutions have their information available on the Internet. Serious consideration concerning college application should begin no later than the 11th grade. Students are encouraged to see their counselor for college and financial aid information.

Students are urged to visit college campuses before applying. Information on special college visitation days and on how to arrange for your own tour is available in the Counseling Office and through the Daily Bulletin announcements.

COUNSELING DEPARTMENT

The Littlerock High School counselors are here to serve students in a variety of ways. Students meet with their counselor:

- To set educational and vocational goals
- To obtain help in selecting those courses that will help students reach goals
- To work out solutions to school-related problems
- For career planning
- To obtain information about universities, colleges, trade schools, financial aid, etc.
- To obtain help in dealing with personal problems

PROGRESS REPORTS/REPORT CARDS

Reports to students and parents are issued four times each semester as follows (all are mailed home):

1. A Mid-Quarter Progress Report.
2. Quarter Report Cards are issued halfway through the semester. These grades are NOT permanently recorded.
3. Another Mid-Quarter Progress Report.
4. These grades are permanently recorded on transcripts.

SPRING REGISTRATION

During this time, students will select their courses for the following year. The four-year plans and the Course Description Booklet should be used in making course selections. Counselors will work with students on course choices and review progress towards graduation. This is the only opportunity students have to select their courses; counselors will program students who do not return registration materials by the deadline.

FOUR-YEAR EDUCATIONAL PLANS

Students are encouraged to develop a four-year educational plan. Sample plans are provided below. Students should select the one that best reflects their educational and vocational goals and use it as a guide. This plan will remain flexible and can be altered if goals change. However, it will give students a framework within which to work during their four years at Highland. Students will work with their counselor on developing this plan.

SAMPLE FOUR-YEAR EDUCATIONAL PLANS

COMMUNITY COLLEGE* TECHNICAL VOCATIONAL PROGRAM OR WORK

9th Grade English 9
Algebra 1 or Geometry
Biology
Health
P.E.
Elective+

10th Grade English 10
Math
Chemistry
World History
P.E.
Elective (rec. art or for. lang.)

11th Grade English 11
Math
U.S. History
Electives+ (3)

12th Grade English 12
Civics/Economics
Course that meets Senior Seminar requirement
Electives+ (preferably 3)

*For students not planning to transfer to a university.

+Recommended elective courses in their vocation.

COMMUNITY COLLEGE STUDENT TRANSFERRING TO A UNIVERSITY

- 9th Grade** English 9 or Honors English 9
Algebra 1 or Geometry
Biology
Health
P.E.
Foreign Language or Elective
- 10th Grade** English 10 or Honors English 10
Geometry or Algebra 2
Chemistry
World History or World History AP
P.E.
Foreign Language
- 11th Grade** English 11 or English Language & Comp. AP
Algebra 2 or Tri/PreCalculus
(A-G approved Science)
U.S. History or U.S. History AP
Foreign Language
Elective*
- 12th Grade** English 12 or English Lit. & Comp. AP
Math
(A-G approved Science)
Civics/Economics and GovPol US AP
Art 1
Course that meets Senior Seminar requirement

*Preferably an academic course



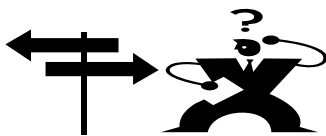
UNIVERSITY-BOUND HONORS STUDENT

- 9th Grade** English 9 Honors
Geometry or Algebra 2
Biology
Health
P.E.
Foreign Language
- 10th Grade** English 10 Honors
Algebra 2/Trig. or Trig./Pre-Calc.
Chemistry
World History or World History AP
P.E.
Foreign Language

11th Grade English 11 AP
 Calculus AB AP
 Anatomy & Physiology
 U.S. History or U.S. History AP
 Foreign Language
 Fine Art

12th Grade AP English 12
 AP Calculus BC
 Physics
 Civics/Econ. GovPol US AP
 Foreign Language
 Course that meets Senior Seminar requirement*

*Preferably an academic course



CHOOSING A CAREER PATHWAY

A Personalized Educational Plan

Jobs in the twenty-first century will require both high academic and technical skills. Primarily because of ever-changing technology, our society will see many new job titles and work areas added each year. That makes it especially important for students to begin thinking early about what types of occupations they might want to pursue and then plan a rigorous high school program that will give them more opportunities for success.

School-to-Careers is a new approach to learning for all students. In 1994 the School-to-Work Opportunities Act was signed into law. The Antelope Valley Union High School District had identified eight Career Pathways:

- Agriculture, Environment & Natural Resources
- Arts, Media & Communications
- Business
- Consumer Family Science
- Health Care
- Information Technology
- Industrial Technology
- Law & Government, Public Services & Education

STUDENT'S DAILY PROGRAM

- All students are expected to take a full program of subjects each semester. A full program will be 6 subjects. **All classes are full year classes unless otherwise noted.**
- Any changes of programs must be completed in writing through the Guidance Office.
- In order to progress to higher math, laboratory sciences or foreign language, a student must maintain a final grade of “C” or better in the prerequisite course for both semesters.
- Each student selects courses based upon their educational goals, their test scores in reading or math, past grades, and/or teacher recommendations.
- Students repeating classes that they have already passed will receive no credit.
- If the first semester of a class is failed, then the student must make up the class during a first semester; likewise, a second semester, class failed must be made up during a second semester. Failed required classes are to be made up at summer school or supplemental instruction.

SPECIAL NEEDS

Students or parents interested in small group or individual instruction in the areas of special needs such as educationally mentally handicapped, learning disabilities group, special day class, speech therapy, partially sighted, and/or deaf and hard-of-hearing, should contact their school psychologist. Admission to these programs is through a formal evaluation and planning procedure. Students may not automatically enroll in any of these programs until after a formal evaluation has been completed and the appropriate specialists have determined that a particular program is the most appropriate for that student's needs.

AGRICULTURE

AGRICULTURAL BIOLOGY 01014



Life Science credit
UC “a-g” lab science credit
Open to grades: 10-12
Prerequisite: Algebra 1 and
“C” or above letter grade in the
9th grade science class.

This course is a laboratory science course for the college bound student. The course will emphasize detailed knowledge of the central concepts principles, and basic material of the following topics: molecular and cellular aspects of living things, structure and function of agricultural plants and animals, genetics, plant and animal diversity and principles of classification, ecological relationships, and animal behavior. Students will utilize current research methods and explore related career opportunities. Extensive laboratory experiments will be emphasized. All students are required to participate in FFA leadership skills building activities as a part of their grade (20%). In addition, all students are expected to maintain a viable supervised agriculture education program as a part of their grade (20%).

AGRICULTURAL CHEMISTRY 01018

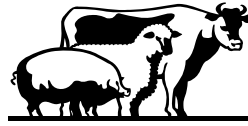
Physical Science credit
UC “a-g” lab science credit
Open to grades: 11-12
Prerequisite: Geometry or instructor’s approval

Agriculture Chemistry is a college prep. course meeting the requirements of the UC and CSU systems. Theoretical, quantitative and laboratory approaches are used so the students may understand the concepts of chemistry. Agriculture themes are woven throughout the course. As with all Agriculture courses, grading also includes leadership and project components.

Revised on 10/20/2011

AG EARTH SCIENCE 01042

Physical Science credit
Open to Grades: 9-12
Prerequisite: None



Students will discover concepts within each of the State and National Science Content Standards, giving them opportunities to make connections between Earth Science concepts and the real world. Hands-on labs and inquiry-based lessons reinforce the science processes emphasized in the standards.

AG MECHANICS 1 01031

Elective credit
Open to grades: 9-12
Prerequisite: None



This course is designed to develop the basic mechanical abilities necessary in modern agriculture. Topics include: shop and tool safety, hand and power tool use, carpentry, sketching and drawing, basic welding, painting, concrete, cold metal, and tractor operation skills. All students are required to participate in FFA leadership skills building activities as a part of their grade (20%). In addition, all students are expected to maintain a viable supervised agriculture education program as a part of their grade (20%).

AG MECHANICS 2 01032

Elective credit
Open to grades: 10-12
Prerequisite: Agriculture Mechanics 1 or consent of instructor.

This course is a continuation of Agriculture Mechanics 1. Topics include: wire and stick welding, oxy-acetylene welding and cutting, plasma torch, electrical wiring, plumbing, diesel and gasoline engines, tractor operation

skills, irrigation and pumps, and surveying. All students are required to participate in FFA leadership skills building activities as a part of their grade (20%). In addition, all students are expected to maintain a viable supervised agriculture education program as a part of their grade (20%).

AG MECHANICS 3 01033

Elective credit

Open to grades: 11-12

Prerequisite: Agriculture Mechanics 2 or consent of teacher.

This course is designed to allow the student to apply advanced skills and knowledge in welding, woodworking, project design, project layout, cost of material analysis, concrete, electricity, painting, plumbing, and fencing. This is a project-based course. All students are required to participate in FFA leadership skills building activities as a part of their grade (20%). In addition, all students are expected to maintain a viable supervised agriculture education program as a part of their grade (20%).

AG MECHANICS 4 01034

Elective credit

Open to grade: 12

Prerequisite: Completion of Agriculture Mechanics 3 or recommendation of the instructor.

This course is designed to further the student's knowledge of agriculture mechanics. Areas of study will include small gasoline engines, drafting agriculture structures, concrete and masonry, advanced welding and oxy-acetylene and plasma operations, and advanced farm machinery operation. This is a project-based course. All students are required to participate in FFA leadership skills building activities as part of their grade (20%). In addition, all students are expected to maintain a

viable supervised agriculture education program as a part of their grade (20%).

CDE AG NATURAL RESOURCES

A-G Elective credit

Open to grades: 10-12

This course is designed to provide the student with theories and principles related to Agriculture and Natural Resources. Students will learn about the science in natural resources, conservation, soil, water, wildlife classification and habitat, forest species, air pollution, land quality, weather and climate, environmental impact on mineral use, sustainable agriculture systems and waste water management.

ENVIRONMENTAL HORTICULTURE SCIENCE 01047

Life Science Credit

Open to grades: 10, 11, 12

Prerequisite: None

The Environmental Horticulture Science course will provide students with theories and principles dealing with the science of plants and the environment. Students will be able to understand the role of plants in our society, landscape, the care and maintenance of plants, plant physiology, nutrients and other plant growth requirements. This course is intended to successfully prepare those students who plan on majoring in agricultural sciences at a four-year college or university.

BEHAVIORAL SCIENCE

HEALTHFUL LIVING 03094

Health credit – 1 year required

Open to grade: 9

Prerequisite:

None



Healthful Living, a general health class, is based on the philosophy that prevention, education, and the application

of this information is essential to lifelong wellness. The course offers enriching experiences for the pupil to recognize the extensive techniques available to deal with such teenage experiences as low self-esteem, stress, peer pressure, substance use and abuse, teenage sexuality, and decision-making leading to constructive life goals. Additional health subjects, such as nutrition and eating disorders, diseases, personal relationships, human reproduction, sexually transmitted diseases, and child abuse, are taught with an emphasis on the practical aspects of adjusting healthfully to life experiences. Students are encouraged to discuss the various healthful living topics with their families. It is our intention that the values and morals of the family unit are strengthened as a result of this parent/child communication.

PSYCHOLOGY 03087

Elective credit; UC “a-g” elective credit

Open to grades: 10-12

Prerequisite: None

A broad overview of human behavior and relationships. This course will look at how we relate to others; how our behavior influences and is influenced by others in our society. We will investigate the social environment in which we live on an interpersonal, peer group, family, community, national, and global level. Use of group work, outside reading and current event issues will make the course relevant to each student’s life.

PSYCHOLOGY AP 03089

Elective credit; UC “a-g” elective credit

Open to grades: 11-12

Prerequisite: Psychology

The primary objective of this course is to give the students a detailed study of the behavior of organisms, of which man is but one. Students are encouraged to read



extensively in one or more areas of interest. Emphasis is on group discussions, panel discussions, in depth research projects, and classroom activities.

BUSINESS & TECHNOLOGY

CONTEMPORARY STUDY OF BUSINESS

ROP, One-Year Course

10 credits

Open to Grades: 9, 10, 11, 12

This course is designed to introduce students to the world of business. The emphasis of the course is on how business changes to remain competitive in an ever changing global society. Major topics include business communications, the basic economic question and decision-making by consumers, economic systems, marketing goods and services, finance, and human resource

ECONOMICS OF BUSINESS

04141

ROP, One-Year Course

Prerequisite- Contemporary Study of Business 04134

Open to grades: 10-12

Elective Credit - Economics credit with successful completion of Contemporary Study of Business

This course introduces students to the study of Economics within the context of entrepreneurship and business administration. Students will learn the fundamental concepts of economics as they relate to scarcity, supply and demand, choices and effective decision-making, and economic systems. They will learn the relationship between microeconomics and macroeconomics and small business, the implementation of business and marketing plans, risk

management and human resources management.

Students apply this knowledge in a two-hour simulated business that is set up and run by students to prepare them for working in a real business environment. The students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business under the guidance of a consultant with the support of a real business partner.

WEB MANAGERS 1 05175

Elective credit

Open to grades: 10-12

Prerequisite: Teacher recommendation

Students learn how to design web pages and maintain the school's web site.

WEB MANAGERS 2 05177

Elective credit

Open to grades: 10-12

Prerequisite: Teacher recommendation



WEB MANAGERS 3 05178

Elective credit

Open to grades: 10-12

Prerequisite: Teacher recommendation

WEB MANAGERS 4 05179

Elective credit

Open to grades: 10-12

Prerequisite: Teacher recommendation

ENGLISH
(Four Years Required)

ENGLISH 9 07201

English credit; UC "a-g" English credit

Revised on 10/20/2011

Open to grade: 9 required

Prerequisite: None

Students develop skills in higher order reading comprehension, language usage and writing, literary analysis, critical thinking, speaking and listening, and academic research through the study of literature.

ENGLISH 9 HONORS 07202

English credit; UC "a-g" English credit

Open to grades: 9 required

Prerequisite: Standardized test score in Reading of 9.0 or above,



writing test, and teacher recommendation.

This course covers the same materials as required in English 9. In addition, literacy analysis is begun. Writing emphasis is on the format essay.

ENGLISH 10 07211

English credit; UC "a-g" English credit

Open to grade: 10 (required)

Prerequisite: None

At the second level of high school English, students, through the study of literature, develop skills in higher order reading, comprehension, language usage and writing, literary analysis, critical thinking, speaking and listening, and academic research. The difference between English 10 and subsequent English courses lies in the length, complexity, sophistication and range of source materials.

ENGLISH 10 HONORS 07212

English credit; UC "a-g" English credit

Open to grade: 10

Prerequisite: English 9 Honors or teacher/counselor placement, be able to read above grade level and an "A" or "B" in English 9.

At the second level of high school English, students, through the study of literature, develop skills in higher order reading comprehension, language usage and writing, literary analysis, critical thinking, speaking and listening, and academic research. The difference between English 10 Honors and subsequent English courses lies in the length, complexity, sophistication and range of course materials.

ENGLISH 11 07231

English credit; UC “a-g” English credit
Open to grade: 11 required
Prerequisite: None

At the third level of high school English, students, through the study of literature, develop skills in higher order reading comprehension, language usage and writing, literary analysis, critical thinking, speaking and listening, and academic research. The difference between English 11 and subsequent English courses lies in the length, complexity, sophistication and range of source materials.

ENGLISH 12 07251

English credit; UC “a-g” English credit
Open to grade: 12 required
Prerequisite: None

This course is a survey of British literature. Students will refine their skills in writing, critical thinking, reading, speaking, listening and academic research.

ENGLISH LITERATURE &
COMPOSITION AP 07265

English credit; UC “a-g” English credit
Open to grade: 12
Prerequisite: English 9 Honors, English 10 Honors, and English Language & Composition AP or teacher/counselor placement, willingness to test for AP, and reading ability above grade level.

Students will read extensively from a wide range of literary works, some of which are taught in college-level English courses. This course is also designed to prepare the student to achieve success on the Advanced Placement Examination in English Literature and Composition administered by the College Board.

LITERACY SUPPORT 1

Elective Credit

Open to grades: 9

Prerequisite: Reading scores below 4th grade level concurrent with English 9

Literacy Support 1 uses a district and state approved reading intervention program to support student understanding and mastery of essential phonics, vocabulary, grammar, reading comprehension, and writing skills necessary for academic success. This class runs parallel to the ongoing English 9 class, reinforcing and supporting the reading, writing, listening and speaking skills appropriate to these grade levels as outlined by the California Language Arts Standards. In addition, this class provides students with cross curricular strategies in reading and writing to be taken to other content areas.

LITERACY SUPPORT 2

Elective Credit

Open to grade: 10

Prerequisite: Reading scores at the 4th-8th grade level concurrent with grade level English class

This course is a continuation of Literacy Support 1; however, students are not required to take Literacy Support 1 if they meet the prerequisite for Literacy Support 2.

**ENGLISH LANGUAGE
DEVELOPMENT
(English Credit)**

English Language Development (EL) is a program for students whose primary language is not English and whose English skills are below level 4 which is fluent on the Language Assessment Survey. EL addresses student needs in self-esteem, adjusting to American culture, and in understanding, speaking, reading, and writing Standard American English.

BEGINNING ELD 02297 & 02290

2 periods/day: 1 English credit and
1 elective credit

Open to grades: 9-12

Prerequisite: Assessment Test

Through language experience and other natural approach activities, students will experience instructional activities that integrate language and culture. Students will participate in basic conversations, and will generate simple sentences and short paragraphs.

EARLY INTERMEDIATE ELD

02291 & 02289

2 periods/day: 1 English credit and
1 elective credit

Open to grades: 9-12

Prerequisite: Assessment Test

The students will acquire skills needed for conversing and writing in English. Students will write a paragraph demonstrating knowledge of standard English grammar, punctuation, and tense. Through a study of literature and the core curriculum, students will increase comprehension skills.

FOREIGN LANGUAGE



SPANISH 1 02313

Foreign Language credit

UC “a-g” Foreign Language credit

Open to grades: 9-12

Prerequisite: “C” or better in English

A rigorous college preparatory course that is based on both intentional learning and natural acquisition. Students will be expected to practice speaking, listening, reading, and writing both inside and outside of class. Vocabulary, communicative skills and grammar are emphasized.

*This class is not for native speakers.

SPANISH 2 02314

Foreign Language credit

UC “a-g” Foreign Language credit

Open to grades: 10-12

Prerequisite: “C” or above in Spanish 1 or teacher signature.

This course is a continuation of the study of fundamentals of Spanish language and Hispanic cultures. As a University of California College Preparatory approved course, by the end of the year students are expected to be able to engage a sympathetic native speaker in a five minute conversation on general topics.

SPANISH 3 02315

Foreign Language credit

UC “a-g” Foreign Language credit

Open to grades: 11-12

Prerequisite: “B” or above in Spanish 2 and/or teacher signature if they have a “C”.

A continuation of Spanish 2 with greater emphasis on grammatical and functional accuracy. The remainder of major grammatical structures are studied here. This course is strongly recommended to college bound students planning careers dealing with the public.

SPANISH LANGUAGE AP 02318

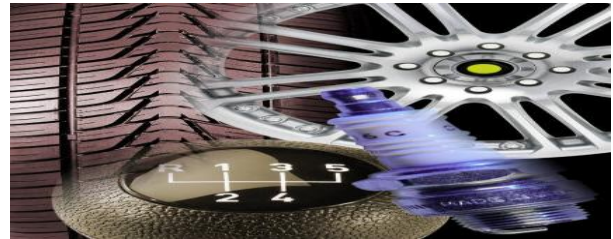
Foreign Language credit
UC "a-g" Foreign Language credit
Open to Grades: 9-12
Prerequisites: Spanish 3 with "B" or better

A systematic review of all Spanish grammar and vocabulary through extensive reading and writing practice. Course taught entirely in Spanish designed to help students to achieve satisfactory grades on the AP/IB tests given during the first two weeks of May of each year. The result of this preparation will help the student to become functional in the language, enabling him or her to listen, speak, read, and write on a variety of topics and to use the language appropriately with native speakers.

SPANISH LITERATURE AP 02345

Foreign Language credit
UC "a-g" Foreign Language credit
Open to Grades: 11-12
Prerequisites: Spanish Language AP with "C" or better

This is a college level course designed to be comparable to advanced level college and university Spanish literature courses. It is conducted completely in Spanish. This course covers the major movements in Hispanic literature from the medieval period through the latest literary trends. The literary text is taught not as an end in itself but as a cultural and historical construct from which we can glean many aspects of Hispanic studies—from simple customs to basic values. The goal of the course is to teach students the tools of analysis in order to extract this vital information from a given text. This course prepares students for the AP Spanish Literature Examination.



**INDUSTRIAL TECHNOLOGY
& ENGINEERING**

Courses within this department have a fee required for the actual materials used in projects that the pupil keeps for his/her personal use.

ARCHITECTURAL DRAFTING 09351

Elective credit
Open to grades: 10-12
Prerequisite: Drafting/CADD 1

Architectural drafting is an advanced course lasting one year. This course covers all aspects of the world of architectural design within our society, as we know it. Students will develop an understanding of space, shape and size of building/homes and their tie to the surrounding environment. Students will gain an appreciation for the art in architectural forms.



DRAFTING/CADD 1 05164

Elective credit
Open to grades: 10-12
Prerequisite: None

This course will cover the basic fundamentals of computer usage and the manipulation of the AutoCad 2002 drafting environment. The students will be using a variety of drafting techniques to solve the assignments that are reflected in the working world.

DRAFTING/CADD 2 05165

Open to grades: 11-12
Prerequisite: Drafting/CADD 1

This course will build upon the fundamentals learned in CADD 1. The students will expand their knowledge of two-dimensional forms into three-dimensional solids. Emphasis will be aimed at extrusion, material mapping, lighting, realistic appearance of design forms,

AUTOMOTIVE TECHNOLOGY 1
09381

Elective credit

Open to grades: 10-12

Prerequisite: None



Automotive one is a one year course. This basic course focuses on the fundamentals of automotive theory and hands-on practice. The course is 50 percent theory and 50 percent practical experience. Safety and the proper use of tools and equipment as they relate to the automotive industry are constantly reinforced.

AUTO TECHNOLOGY 2 09382

Elective credit

Open to grades: 11-12

Prerequisite: Auto Tech 1

Automotive 2 is a year long course. This advanced course focuses on expanding the fundamentals of automotive theory and hands-on practice. The course includes an in-depth study of fuel delivery, electrical, and braking systems, as well as engine breakdown/repair and trouble shooting. The course is 50 percent theory and 50 percent practical experience. Safety and the proper use of tools and equipment as they relate to the automotive industry are constantly reinforced.

MATHEMATICS
Three Years Required

Algebra 1 must be completed for high school diploma



ALGEBRA SUPPORT 10445

Elective credit

Open to grade: 9 (must be concurrently enrolled in Algebra 1)

Prerequisites: Teacher recommendation or placement test

A one year course designed to support incoming 9th graders who are not fully prepared to succeed in Algebra 1. The course reinforces the California Content Standards discussed in Algebra 1, with emphasis on 3 areas: pre-teaching, re-teaching, and basic skills. Students who are successful may exit the course at the end of the first semester to make space for students to enter second semester who may require the support.

ALGEBRA 1 10401

Math credit; UC “a-g” Math credit

Open to Grade: 9-12

Prerequisite: Placement based on students Algebra Readiness test score, teacher approval or parent waiver.

A full year course devoted to the development of algebraic skills as problem-solving tools and as the foundation for geometry and other college preparatory courses and entrance exams. Emphasis is on the development and recognition of problem-solving paradigms, use of calculator technology, logical reasoning, and the consistent application of formal algebraic techniques integrated into a variety of interdisciplinary, “real-world” contexts.

Note: Students may be required to take a algebra readiness course if they are not prepared for Algebra 1.

Symbolic reasoning and calculations with symbols are central in algebra. Through the study of algebra, a student develops an understanding of the symbolic language of mathematics and the

sciences. In addition, algebraic skills and concepts are developed and used in a wide variety of problem-solving situations. Algebra will be presented in accordance with the California Standards. Students will be prepared for the CAHSEE (California High School Exit Exam); the GSE (Golden State Exam); and the SAT9 test.

The California Standards can be viewed at <http://www.cde.cagov/standards/>.

ALGEBRA 2 10402

Math credit; UC “a-g” Math credit

Open to grades: 10-12

Prerequisite: A grade of “C” or better in Geometry and Algebra 1 for all semesters or signed parent waiver or instructor approval.

This discipline complements and expands the mathematical content and concepts of Algebra 1 and Geometry. Students who master Algebra 2 will gain experience with algebraic solutions of problems in various content areas, including the solution of systems of quadratic equations, logarithmic and exponential functions, the binomial theorem, and the complex number system. Algebra 2 will be presented in accordance with the California Standards. Students will be prepared for the SAT; college placement tests; and mathematical courses involving Trigonometry.

CAHSEE MATH PREP 10433

Math credit

Open to grades: 11

This course will cover the grade six and seven California math standards that are covered on the California High School Exit Exam (CAHSEE).

CAHSEE MATH PREP Elective 10434

Elective credit

Open to grades: 10

This course will cover the grade six and seven California math standards that are covered on the California High School Exit Exam (CAHSEE).

CALCULUS AB/AP

10420

Math credit; UC “a-g”

Math credit

Open to grades: 11-12

Prerequisite: A grade of “C” or better in either Algebra 2/trig Honors for both semesters or signed parent waiver.

A rigorous course designed to meet requirements of college bound math and science oriented students. Student must have a strong background in Algebra 2, Geometry, Trigonometry, and Analytic Geometry. Topics covered in the course include limits and continuity, techniques and applications of differentiation, and techniques and applications of integration. Emphasis will be placed on passing the AP Exam in May, which will enable the student to earn college credit. A graphing calculator is required for this course as per the College Board.

GEOMETRY 10409

Math credit; UC “a-g” Math credit

Open to grade: 9- 12

Prerequisite: Open to freshman who have completed Algebra 1 with a grade of “C” or better.

Grade of “C” or better in all semesters of Algebra 1 or consent of course instructor required for Grades 10-12

This course is a formal development of the geometric skills and concepts necessary for students who will take Algebra 2 and/or other college preparatory math courses. The course closely integrates algebra with fundamental geometric concepts: logical proof, properties of geometric objects (points, lines, planes, angles, circles,



triangles, polygons, etc.), geometric measurement (perimeter, area, volume, etc.), among others.

INTRODUCTION TO PROBABILITY AND STATISTICS

10446

Math credit; UC “a-g” Math credit

Open to Grade: 12

Prerequisites: Algebra 1

Introduction to Probability and Statistics is an introductory course to the tools of statistics. This basic course in statistics is to introduce students to statistical ideas and their impact on everyday life and future fields of study. Students are exposed to four broad conceptual themes: Producing Data, Organizing Data, Chance and Inference.

TRIGONOMETRY/PRE-CALCULUS

10413

Math credit; UC “a-g” Math credit

Open to grades: 11, 12

Prerequisite: A grade of “C or better in Algebra 2 for both semesters or signed parent waiver.

A study of periodic functions, circular functions, graphs, identities, polar coordination, complex numbers, matrices, and selected topics in analytic geometry for preparation for calculus. This course is needed for college majors in the fields of science, engineering, and mathematics and is a prerequisite for the study of calculus. Trigonometry/ Pre-Calculus will be presented in accordance with the California Standards. Students will be prepared for the SAT, college placement tests, and the SAT 9.

The Standards can be viewed at <http://www.cde.ca.gov/standards/>.

MATH TUTORIAL 10400

Elective credit

Open to grade: 12

Prerequisite: Outstanding academic record (grades, behavior, leadership potential) and recommendation from current math teacher.

Tutors will work with the Algebra Readiness teacher to assist in equipping students with the skills that they need to pass Algebra 1. Tutors will be given training in how to lead tutorial groups, promote student thinking toward problem solving, and how to deal with difficult situations. They will not be in charge of a class; rather their purpose is to offer more individualized assistance for students in the class on behalf of the teacher. The teacher will be in constant communication with the tutors and be accessible to them while they are conducting tutorials and assisting students.

ONLINE COURSES

The following classes are offered online and are year-long courses worth 10 elective credits. Students will meet on campus three times during the school year, and must provide their own transportation. To enroll in an online class, please speak with your school site counselor and your site’s ROP Counselor.

Computer Aided Design – Learn 3 dimensional modeling and design. Continue your career pathway by taking classes in PHS’ FAST Academy.

Contemporary Study of Business - This course is designed to introduce students to the world of business. The emphasis of the course is on how business changes to remain competitive in an ever changing global society. Major topics include business communications, the basic economic question and decision-making by consumers, economic systems, marketing goods and services, finance, and human resources.

Dental Office - Provides introductory instruction and training for students interested in careers related to the dental profession. From here you can take the Dental Assisting course at AVHS and get an actual internship working in a real dentist's office!

Introduction to Education - Students taking this class will learn about the history, psychology, and theory behind learning and teaching, as well as preparation for internships. Once you take this class, you will be ready to take the Introduction to Education Practicum class at LHS where you get to intern at a real elementary or middle school! This class also fulfills the UC a-g "g" requirement.

Medical Terminology - The Medical Terminology Online Course: "Terms for Practice", is designed to facilitate learning and comprehension of the basics of medical terminology in relation to each system of the body. This online course combines an interactive study experience, as well as learning at your own pace. Students will learn to use proper terminology and spelling for major pathological conditions.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 1 11486

P.E. credit
Open to grade: 9
Prerequisite: None

This required course teaches students to demonstrate knowledge and competency in motor skills, movement patterns and strategies needed to perform a variety of physical activities. Students will achieve a level of physical fitness for health and



performance while demonstrating knowledge of fitness concepts, principles, and strategies. Students will demonstrate knowledge of psychological and sociological concepts, principles, and strategies as they apply to learning and performance of physical activity

These state standards will be addressed through the content areas of aquatics, dance/rhythms, individual and dual activities. Students will be required to pass the state mandated fitness test to advance to course 2 or 3.

PHYSICAL EDUCATION 2 11487

P.E. credit
Open to grade: 10
Prerequisite: Students must pass Physical Education 1 and state mandated fitness test.

The three state standards listed in P.E. 1, physical skills, physical fitness, psychological and social aspects of physical education will be addressed through the content areas of combatives, gymnastics/tumbling and team activities.

PHYSICAL EDUCATION ADAPTIVE 11489

P.E. credit
Open to grades: 9-12
Prerequisite: Doctor's written request and IEP (Individualized Educational Plan) endorsed by the A.V.U.H.S District Nurse.

This course is designed for the student who is limited in the type and amount of activity due to a medical, health, or physical deviation.

P.E. ATHLETIC 11490

P.E. credit
Open to grades: 11-12
Prerequisite: Must be VARSITY TEAM MEMBER and Permission of the Varsity coach.

P.E. ELECTIVE 11488

P.E./Elective credit

Open to grades: 11-12

Prerequisite: Students must have passed P.E. 1, P.E. 2 **and** the state-mandated fitness test.



The state physical education standards will be addressed through weight training and fitness activities.

SCIENCE

1 year Physical/1 year Life required

AGRICULTURAL BIOLOGY 01014

See *Agriculture*, Page 11.

AGRICULTURAL CHEMISTRY

01018

See *Agriculture*, Page 11.

ANATOMY/PHYSIOLOGY

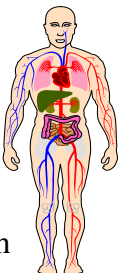
12511

Life Science credit

UC “a-g” Lab Science

Open to grades: 11-12

Prerequisite: Biology with a “C” or better grade both semesters.



This course encompasses the study of the structure and functions of the human body. It includes detailed work for students who intend to major in medicine, dentistry, nursing, physiotherapy, veterinary medicine, health, or physical education in college. A lab course.

BIOLOGY 12513

Life Science credit; UC “a-g” Lab Sci

Open to grades: 9-12

Prerequisite: Grade of “C” or better in previous science course (both semesters).

This course will be a one-year lecture and laboratory courses. The major emphasis of the course will be placed on knowing and understanding Biological Science.

Biology will give the student the capability to continue their science training at higher levels. This course may require one hour of homework at night, and a willingness to seek instructor help if needed.

CHEMISTRY AP 12516

Physical Science credit

UC “a-g” Lab Science

Open to grades: 11-12

Prerequisites: Chemistry with excellent reading & math (algebra) skills AND/OR instructor permission.

Chemistry AP is a first-year college level course intended to prepare students to successfully pass the AP Chemistry test. Students must be able to design and carry out laboratory experiments and write evaluative laboratory reports. Text reading and problem assignments will be college level.

CHEMISTRY 12515

Physical Science credit

UC “a-g” Lab science

Open to grades: 10-12

Prerequisite: “C” or better in Algebra 1 and Biology (both semesters), or teacher permission.

Chemistry is a college preparatory course meeting the requirements of the University of California. Theoretical, quantitative, and laboratory approaches are used so the student may understand the basic concepts of chemistry. Students will need a calculator for homework.

ENVIRONMENTAL SCIENCE AP

12553

Life Science / Physical Science credit

UC “a-g” Lab Sci credit

Open to grades: 10-12

Prerequisite: Grade of “C” or better in Biology (both semesters).

AP Environmental Science (APES) embraces a wide variety of topics from biology, chemistry, earth science, and geography while incorporating a significant laboratory and field investigation component. This allows students to learn about the environment through firsthand observations and “real world” experiences. Examples of investigations include: collecting and analyzing water and soil samples, conducting long term studies on a local ecosystem or environmental problem, analyzing real data sets, and visiting local public facilities.

FORENSIC BIOLOGY 12556

Life Science credit

UC “a-g” Elective credit

Open to grades: 11-12

Prerequisite: Biology, Marine Bio, or Ag Biology with a “C” or higher; Algebra 1; and Geometry

Forensic Biology is a college preparatory course that meets the rigorous standards of a UC lab science. It builds upon the major academic themes of biology at an advanced level, utilizing lecture, demonstration, reading of scientific expository text, and extensive student laboratory activities and experiments in a forensic context. The course emphasizes in-depth study with problem solving and synthesis, critical thinking, hands-on manipulation and observation, computer modeling, and career pathway foundations. Laboratory investigations will make up a majority of class time. Students will be evaluated by comprehensive written and laboratory practical examination, independent and group research projects, through independent and group assignment of responsibilities, analytical skills, and oral and written presentations

MARINE BIOLOGY

12551

Life Science credit

Revised on 10/20/2011

UC “a-g” Lab Sci credit

Open to grades: 10-12

(Advanced Grade 9 placement possible)

Prerequisite: Grade of “C” or better in Biology (both semesters).



This course will provide an extensive science foundation for college-level study in the fields of Physical Oceanography and Marine Biology. Laboratory investigations will make up a bulk of class time. The interaction of marine species and non-living factors in Marine Ecosystems will be a major theme of study as will technical fields such as Water Treatment and Offshore Oil Refining. The course will examine Marine Ecology by studying major communities of marine organisms and the ocean zones in which they live. Laboratory investigations will make up a bulk of class time. Specific topics will include The Tides, Chemistry of Seawater, The Shoreline, Tide Pools, Invertebrates and Vertebrate Animals, Marine Mammals, Bony Fish and Chondrichthyes Sharks, Skates and Rays, Estuaries, Coral Reefs, the Open Ocean and the Deep Ocean.

SOCIAL SCIENCE

CIVICS 16623

Civics credit; UC “a-g” US History

(Semester Course)

Open to grade: 12

Prerequisite: None

The basic requirement for a democracy is an informed population. Civics builds upon student’s knowledge of U.S. History to explore the working of government including the Constitution, the court system, federal, state and local government.

GOVERNMENT & POLITICS:

UNITED STATES AP

16628



ECONOMICS HONORS 16629

(semester course)

Civics/Economics credit

UC “a-g” Elective credit

Open to grade: 12

Prerequisite: Entrance examination and teacher recommendation

Civics AP/Economics Honors is a one two semester, intensive survey course on politics, the American government, and governments around the world. Emphasis will be placed on writing and discussions of contemporary political problems. The course is designed to prepare students for the AP test in May, which, if passed, can be used as college credits for the student.

ECONOMICS 16624

Economics credit; UC “a-g” Elective

(Semester Course)

Open to grade: 12

Prerequisite: None

Economics is a course which introduces students to the world of money and finance. Students learn about various aspects of the economy—from balancing a checkbook to balancing the national deficit. This course helps to prepare the student to function in our market economy.

U. S. HISTORY 16619

U.S. History credit

UC “a-g” U.S. History credit

Open to grade: 11

Prerequisite: None

A conventional survey of American History studying the important ideas and concepts that have developed in our changing society.

U. S. HISTORY AP 16625

U.S. History credit

UC “a-g” U.S. History credit

Open to grade: 11

Prerequisite: Recommendation of World History Teacher, Entrance Examination.

A seminar class based on a conventional survey of American History focusing on studying and analyzing the important ideas and concepts that have developed in our changing society. An emphasis will be placed upon a sound understanding of the principles of heritage, which have made present day American life possible. This course will utilize textbooks, paperbacks, many supplementary library materials and appropriate audio visual aids for purposes of discussion. The course meets the district requirements for graduation and will prepare the student for the advanced placement test for use at any participating university.



WORLD HISTORY

16622

World History credit

UC “a-g” History

Open to grade: 10

Prerequisite: None

In this course, students examine major turning points in the shaping of the modern world from ancient times to the present, with major emphasis on the twentieth century. The course will begin with an examination of current world issues and will proceed to connect with students’ past learning by studying the rise of democratic ideas. Other major topics will include: The Industrial Revolution, the rise of Imperialism and Colonialism, World War I, Totalitarianism in the 20th Century, the Second World War, and Nationalism in the contemporary world.

WORLD HISTORY AP 16653

World History credit

UC “a-g” History credit

Open to grade: 10

Prerequisite: Teacher recommendation. Entrance essay, questionnaire, and approval from the AP teacher.

A seminar class based on a survey of civilization starting with ancient China, India, Greece, and Rome through the end of the 20th century. Other areas of discussion will be the spread of religions throughout the world, the changes in civilization in Asia, Europe, Africa, and the Americas. Further emphasis is placed on the industrialization of society and the major social, political, and economic changes during the 19th and 20th century. This course will utilize textbooks, audio-visual and supplementary materials as primary source documents in helping to aid discussions. The course meets the district requirements for graduation. This course will prepare the student to take the Advance Placement test at the end of the year. The Advance Placement Tests are used by participating universities as credit for college classes.

VISUAL AND PERFORMING ARTS

Note: there is a \$15 lab fee per semester for all art courses.

ART 1 02031

Art credit

UC “a-g” Visual/Perf Arts

Open to grades: 9-12

Prerequisite: None



An overview of art methods, aesthetics and art history. Students create original and interpretive works in a variety of media.

ART 2 02032

Art credit; UC “a-g” Visual/Perf Arts

Open to grade: 10-12

Prerequisite: Art 1 and read & write at grade level (or teacher approval).

For students who have a definite interest or growing commitment to art making. Art 2 is both rigorous and demanding with written and artistic interpretation and more complex works that focuses on media, process and refinement.

ART 3 02033

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 10-12

Prerequisite: Art 2

For students who are motivated, committed and wishing to pursue individual projects with teacher guidance and classroom resources. Art 3 is art history, aesthetics and interpretation with the major emphasis on process, refinement and documentation of work.

CERAMICS 1 02035

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 9-12

Prerequisite: Grade 9 only with 8th grade art teacher recommendation.

This course for beginning art students introduces basic hand building techniques. Concentration is on developing skills, awareness of methods and materials, and the possibilities of working with clay. Students will be introduced to several clay bodies and explore techniques for developing surface treatments.

CERAMICS 2 02036

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 10-12

Prerequisite: Ceramics 1

Students create decorative and functional works to suit individual aesthetic needs. Concentration on the wheel as a primary tool for creating forms. Intermediate level study of clay technology, hand construction and decorative processes. Students learn a body of knowledge specific to ceramics and refine basic

skills with concept-driven assignments designed to promote creativity.

*CONCERT BAND 02429

Art credit; UC “a-g” Visual/Perf Arts

Open to grade: 9

Prerequisite: Previous school band experience.

Members are required to participate in all performances.

DRAMA 1 02294

Art credit

UC “a-g” Visual/Perf Arts

Open to grades: 9-12

Prerequisite: None



Drama 1 is an introductory course for acting, technical theater, and performing arts careers. There are opportunities to perform in 3 to 4 main stage productions each year, compete in 2 or more major Drama competitions, and to see local theater performances at group discount rates. This is a performance-based class; students must maintain eligibility so that lack of the ability to perform does not adversely affect their Drama grade. Membership in the International Thespian Society is possible after one semester of work.

DRAMA 2 02295

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 10-12

Prerequisite: Drama 2.

Entry by teacher’s signature.

Drama 2 will continue the exploration of acting techniques. The major focus of this course is to present regular theatrical performances and educational skits for the student body. Various acting styles will be studied and developed. Students enrolled in this course should be able to make a serious commitment of time and energy to theater arts. This is a performance-based class; students must maintain eligibility so that lack of the

ability to perform does not adversely affect their Drama grade. After school and some Saturday rehearsals are required. Successful participation in this course makes Honor Thespian Status a possibility.

DRAMA 3 02296

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 11-12

Prerequisite: Drama 1 & Drama 2.

Entry by teacher’s signature.

Students enrolled in Drama 3 will write and direct plays. In acting, they will perform at the highest level. Activities will include: Major roles in main stage productions, Festival Competition on the local, state and national level, directing, assistant directing and production assistant. This is a performance-based class; students must maintain eligibility so that lack of the ability to perform does not adversely affect their Drama grade. Scholarships and Honor Thespian Status are a possibility. After school and some Saturday rehearsals are required.

DRAMA 4 02330

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 11-12

Prerequisite: Entry by teacher’s signature.

For the advanced and serious Drama student.

DRAWING 1 02043

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 11-12

Prerequisite: Art 1

Following Art 1, students are to explore drawing media in more depth. Various styles and subjects will be used in structured assignments. Drawing techniques will be learned in a progression of assignments using a variety of materials including pencils, charcoal, chalk, pastels, pen and, ink. During the second half of the year,

students will be encouraged to expand their style and technique in the drawing medium. Students will be encouraged to strive for show quality work and expression of lasting significance. Assignments of a class nature will prevail with composition and theory presented to produce complete ideas. In drawing, a wide range of subject matter will be explored with encouragement of individual expression and expertise within a chosen medium.

DRAWING 2 02044

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 11-12

Prerequisite: Drawing 1 or consent of teacher.

An advanced drawing course to increase the understanding of concepts and to improve skills. Study of composition, tonality, space, light and perspective. Imaginative risks will be encouraged. Drawings that follow specific interests such as surrealism, portraiture, or landscape are to be emphasized. Black and white, color, or more fluid media will be used in projects.

DRAWING 3 02045

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 11-12

Prerequisite: Drawing 2 or consent of teacher.

An advanced drawing course to increase the understanding of concepts and to improve skills. Study of composition, tonality, space, light and perspective. Imaginative risks will be encouraged. Drawings that follow specific interests such as surrealism, portraiture, or landscape are to be emphasized. Black and white, color, or more fluid media will be used in projects.

*JAZZ ENSEMBLE 02434

Art credit; UC “a-g” elective credit

Open to grades: 9-12

Prerequisite: Band director approval
Members are required to participate in all performances.

*MARCHING FOR BAND

(1ST semester only)

P.E. credit 11494

Art credit 02435

(1 semester per 9th and 10th
grade years of P.E. credit)

Open to grades: 9-12

Prerequisite: Pre-season attendance, 2
week extensive band training session.



This course has a fee required for uniform materials, which the pupil keeps for his/her personal use. Members are required to participate in all performances.

PAINTING 1 02051

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 11-12

Prerequisite: Art 1 or consent of teacher

Painting techniques and composition are emphasized to expand the skills of the student. Projects will be offered in different subject matter: landscape, portrait, and seascape, for example. Students may divide their time between structured assignments and occasionally creating their own projects at their own pace.

PAINTING 2 02052

Art credit; UC “a-g” Visual/Perf Arts

Open to grades: 11-12

Prerequisite: Art 1 or consent of teacher

Painting techniques and composition are emphasized to expand the skills of the student. Projects will be offered in different subject matter: landscape, portrait, and seascape, for example. Students may divide their time between structured assignments and occasionally creating their own projects at their own pace.

***PERCUSSION 02441**

Art credit; UC “a-g” Visual/Perf Arts
Open to grades: 9-12
Prerequisite: Band Director approval.
Must have experience on drums or mallet instrument.

Percussion ensemble is an instrumental music course integrating the instruments of the percussion family into the instruction and training of students in the primary roles of musical communication: composer, performer, and analytical listener. Emphasis in this course is placed on analysis of compositional techniques, acquisition and development of instrumental performance techniques and skills, and the development of aural skills necessary in recognizing unity, balance and ensemble cohesiveness within a musical ensemble and as a solo performer. Assessment will consist of teacher and peer evaluation as well as performances both during the school and outside of school.

***SHOW CORPS VPA 02464**

Art credit; UC “a-g” Visual/Perf Arts
Open to grades: 11-12
Prerequisite: Band director approval

***SHOW CORPS PE 02442**

PE Credit
Open to grades: 9-10
Prerequisite: Band director approval

***SYMPHONIC BAND 02443**

Art credit; UC “a-g” Visual/Perf Arts
Open to grades: 10-12
Prerequisite: Band director approval
Members are required to participate in all performances.

***WIND ENSEMBLE 02447**

Art credit; UC “a-g” Visual/Perf Arts
Open to grades: 9-12
Prerequisite: Band director approval

Members are required to participate in all performances.

***NOTE:** Enrollment in any band course also requires concurrent enrollment in Marching Band. Marching Band is held daily from 6:30 a. m. – 7:20 a. m. Students must provide their own transportation to school. (AVUHSD policy)



ARMY ROTC

ARMY ROTC 1
13580 PE Credit

ARMY ROTC 2
13581 PE Credit

ARMY ROTC 3
13584 Elective Credit

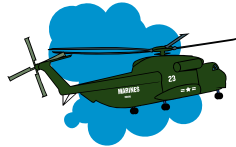
ARMY ROTC 4
13585 Elective credit

Open to Grades: 9-12
Prerequisite: None

Requirements: The student will be required to wear a uniform at least once a week. Students must present a proper military appearance. Some of the requirements for males would be that they be clean-shaven, except that a trimmed mustache can be worn. No earrings will be worn during class, and hair will be kept short, natural color, and groomed. Females, while in uniform can wear a conservation nail polish, and their hair must be styled up off of the uniform collar. The students must also be able to work cooperatively with students of different personalities, race, and gender. The student should be motivated, self-

disciplined, dependable, and work under close supervision.

The Army ROTC Program will offer students the opportunity to prepare for a career in the military, or it could lead to the selection of a cadet to a military academy. The Army is one of the world's largest employers, with over 200 specialties that are offered to entry level soldiers. The Army has a proud history of faithful service to the nation. The nation counts on the Army to be an organized, trained, disciplined, and versatile force. The Littlerock Army ROTC Program will mirror these standards by providing students training in basic military skills. Students will learn to march, conduct military ceremonies, teamwork, citizenship, combat tactics, and military history. The Army ROTC Program will also prepare students to pass the Armed Services Vocational Aptitude Battery (ASVAB), which is required prior to enlistment in the military.



AVID

AVID 1 Grade 9 02323

AVID 2 Grade 10 02324

AVID 3 Grade 11 02325

AVID 4 Grade 12 02326

Elective credit; UC "a-g" elective

Open to grades: 9-12

Prerequisite: Entrance is by special application only and the desire and motivation to attend a four-year college upon graduation from high school.

The AVID elective courses at all grade levels are designed to prepare, in an

academic context, students for entrance into four year colleges, with emphasis on analytical writing, preparation for college entrance exams (PSAT, SAT, ACT), college study skills and test taking, note taking, and research. The course features college students who support student learning primarily in small groups in the AVID Elective class during the school day.

TAG

TAG stands for Teacher Advisory Group. It is now in it's tenth year at Littlerock High School and serves as an information delivery system, instead of taking time out of academic classes. TAG teachers start with a class of freshmen and keep them for four years, giving the students continuity. This creates a unique relationship, and serves as the testing class for TAG students. TAG teachers have a chance to talk to the students about grades, extra curricular activities, school spirit, and programs that are available to them. TAG is the great social mixer/leveler. Students make friends in TAG that they might not have made through their academic courses. TAG has gone through various permutations, but it remains the home base for many of the students.

(From Littlerock High School WASC Self Study Report, 2010-2011, pgs. 33-34)

Details:

TAG is each held each Monday (one day a week only) for approximately 19 minutes.

ROP

**Antelope Valley Union HS District
Regional Occupation Program**

CONTEMPORARY STUDY OF BUSINESS

04134

ROP, One-Year Course

Open to grades: 9-12

Elective Credit

Contemporary Study of Business is a two-semester course designed to introduce students to the world of business. The emphasis of the course is on how business changes to remain competitive in an ever-changing global society. Major topics include business communications, the basic economic question and decision-making by consumers, economic systems, marketing goods and services, finance, and human resources.

ECONOMICS OF BUSINESS

04141

ROP, One-Year Course

Prerequisite- Contemporary Study of Business 04134

Open to grades: 10-12

Elective Credit - Economics credit with successful completion of Contemporary Study of Business

This course introduces students to the study of Economics within the context of entrepreneurship and business administration. Students will learn the fundamental concepts of economics as they relate to scarcity, supply and demand, choices and effective decision-making, and economic systems. They will learn the relationship between microeconomics and macroeconomics and small business, the implementation of business and marketing plans, risk management and human resources management.

Students apply this knowledge in a two-hour simulated business that is set up and run by students to prepare them for working in a real business environment.

The students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business under the guidance of a consultant with the support of a real business partner.

ROP ONLINE COURSES

The following classes are offered online and are year-long courses worth 10 elective credits. Students will meet on campus three times during the school year, and must provide their own transportation. To enroll in an online class, please speak with your school site counselor and your site's ROP Counselor.

Computer Aided Design – Learn 3 dimensional modeling and design. Continue your career pathway by taking classes in PHS' FAST Academy.

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Dental Office - Provides introductory instruction and training for students interested in careers related to the dental profession. From here you can take the Dental Assisting course at AVHS and get an actual internship working in a real dentist's office!

Introduction to Education - Students taking this class will learn about the history, psychology, and theory behind learning and teaching, as well as

preparation for internships. Once you take this class, you will be ready to take the Introduction to Education Practicum class at LHS where you get to intern at a real elementary or middle school! This class also fulfills the UC a-g “g” requirement.

Medical Terminology - The Medical Terminology Online Course: “Terms for Practice”, is designed to facilitate learning and comprehension of the basics of medical terminology in relation to each system of the body. This online course combines an interactive study experience, as well as learning at your own pace. Students will learn to use proper terminology and spelling for major pathological conditions.

For the most up-to-date Class Schedule and Locations regarding ROP courses at other high school sites, visit the ROP Website at <http://www.avrop.org>

WORK EXPERIENCE 18701

Elective credit: 1-10 per semester (max)

20 credits per year

Eligible to have a shortened day (see counselor)

Open to grades: 11-12

Prerequisite: Must be at least 16 years old (may be Grade 10) and have a legitimate, paid job. Employer can guarantee student 10 work hours per week.

This course covers topics important to know and understand about the “working world”. Students will understand how personal skill development affects their employability. Included but not limited to; “how to get and keep a job”, application process, interviewing skills, resumes, work ethics, labor laws, employee/employer relations, customer service, payroll deductions/taxes, filing

1040EZ tax returns, personal finance and “What are employers looking for in an employee”.

Students enrolled in Work Experience must have and maintain a C average /2.0 GPA with no F’s, along with satisfactory attendance, work at least 10 hours a week on a regular basis with a minimum of 200 hours per semester in order to earn 10 credits. The student must be 16 years old and may take 2 semesters of this class. Class meets one day a week.

NOTES: