

Saugus High School

Curriculum Guide

2014-2015



210900 Centurion Way, Saugus CA 91350

(661) 297-3900

www.hartdistrict.org/saugus

Saugus High School

Principal William Bolde
Assistant Principal Rich Bahr
Assistant Principal Diane Hamburger
Assistant Principal Tracy Moscoe
Assistant Principal..... Shellie Holcombe
Athletic Director..... Jeff Hallman

Faculty

Full-Time Teachers..... 91
Librarian 1
Counselors 6
Bachelor's Degrees56%
Master's Degrees43%
Doctorate Degrees 1%

Accreditation

Saugus Senior High School is fully accredited by the Western Association of Schools and Colleges. We are a ***California Distinguished School***.

Curriculum

Saugus High has a wide-ranging program of course offerings. The curriculum is designed to meet the needs of virtually all students, whether they are college-bound, vocationally oriented or have special plans. There is a full complement of Advanced Placement and Honors courses, a regular program, Special Education and a wide variety of vocational courses.

The Wm. S. Hart Union High School District does not discriminate by sex in employment or educational opportunity, in compliance with Title IX, Federal Education Amendments of 1972.

Title IX Coordinator is **Mr. Greg Lee**, 21515 Centre Point Parkway,
Santa Clarita, CA 91351 (661) 259-0033 ext. 232.

SAUGUS HIGH SCHOOL SHARED MISSION

At Saugus High School, we promote all students' learning to ensure personal growth and future success.

SAUGUS HIGH SCHOOL SHARED VISION

The Saugus High School community is committed to these values for all members. We take pride in our greatest achievement, the success of our students. We do this by:

- challenging all to reach their maximum potential through learning that has personal meaning and extends throughout their lives;
- creating a community that respects the diversity of our members and values the importance of each member;
- building a safe and supportive environment that fosters success and allows for risk taking;
- establishing relationships that are based on respect and integrity;
- behaving in honorable ways and being accountable for our actions.

Expected School-wide Learning Results

1. Achieve Academic Competency

- Use computational skills to analyze and solve problems.
- Read and comprehend written material.
- Write in a logical coherent manner.
- Use technology as a tool.

4. Exhibit Discipline and Self-Control

- Care for mankind and the environment.
- Assume responsibility for self - knowledge.
- Exhibit discipline and self-control.
- Demonstrate a work ethic that reflects dependability, integrity and honesty.

2. Effective Communication Skills

- Speak effectively.
- Actively listen, interpret and synthesize information.
- Express ideas with confidence.
- Initiate, receive and respond effectively to verbal and written messages.

5. Practice Good Citizenship

- Different viewpoints and reasoning processes.
- Uphold civic responsibilities.
- Understand the principles of democracy.
- Utilize consensus-building skills

3. Demonstrate Intellectual Development

- Develop and use critical thinking skills.
- Demonstrate and apply awareness and appreciation.
- Appreciate aesthetics by practicing and experiencing fine, performing and practical arts.
- Value literacy and the importance of the written word.

6. Exhibit Personal Growth

- Enjoy a healthy, active lifestyle.
- Develop a sense of worthiness and positive self-esteem.
- Practice positive social skills including adjusting to authority and change.
- Demonstrate leadership skills.
- Create post-high school goals and plans.

Saugus High School Critical Academic Needs

1. *Students must receive support in developing critical thinking skills*
2. *Students must receive support in developing effective communications skills*

**Wm. S. Hart Union High School District
Graduation Requirements**

- A. English _____ 40 credits
- B. Mathematics _____ 20 credits
- C. Science _____ 20 credits
(1 year Physical/Earth and 1 year Biology)
(Saugus High School's policy is 3 years of science)
- D. Social Studies _____ 30 credits
 Modern Civilizations (10th) _____ 10 credits
 U.S. History (11th) _____ 10 credits
 American Government (12th) _____ 5 credits
 Economics (12th) _____ 5 credits
- E. Health _____ 2.5 credits
- F. Practical Arts _____ 5 credits
(Business or Industrial Arts)
- G. Fine Arts _____ 10 credits
- OR**
- 1 semester of Fine Arts with at least
1 year of World Language
(University bound students need 10 credits
of Fine Arts and 2 years of Foreign Language)
- H. Physical Education _____ 20 credits
- I. Electives _____ 72.5 credits

Total Credits Required _____ 220 credits

University of California Undergraduate Admission Requirements

Subject Requirements: a-g

To satisfy this requirement, you must complete the high school courses listed below:

- You must take 15 units of high school work to fulfill the Subject Requirements, and at least seven of the 15 units must have been earned in courses taken during the last two years of high school. For high school course work, a yearlong course is equal to one unit.
 - For a California high school, your course work must appear on a certified course list submitted by the high school principal and on file with the Office of the President-Student Academic Services.
- a. **History/Social Science - two years required.** Two years of history/social science to include the following: one year of U.S. history or one-half year of U.S. history and one-half year of civics or American Government; and one year of world history, cultures and geography.
- b. **English - four years required.** Four years of college-preparatory English that include frequent and regular writing and reading of classic and modern literature. Not more than two semesters of ninth grade English can be used to meet this requirement.
- c. **Mathematics - three years required - four years recommended.** Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two and three-dimensional geometry. Math courses taken in the seventh and eighth grades that Saugus High School accepts as equivalent to its own courses may be counted toward this requirement.
- d. **Laboratory Science - two years required - three years recommended.** Two years of laboratory science providing fundamental knowledge in at least two of these three disciplines: biology (which includes anatomy/physiology and animal biology), chemistry, and physics. Not more than one year of ninth grade laboratory science can be used to meet this requirement.
- e. **Language Other than English - two years required - three years recommended.** Two years of the same language other than English.
- f. **Fine Arts - one year required.** One year (two semesters) of a sequential course in dance, drama/theater, music or visual arts.
- g. **College Preparatory Electives - one year required.** One year (two semesters), in addition to those required in “a-f” above, chosen from the following areas: visual and performing arts, history, social science, English, advanced mathematics, laboratory science and language other than English (a third year in the language used for the “e” requirement or two years of another language).

Honors Courses

The University assigns extra points for up to four units of University certified honors level and advanced placement courses taken in the last three years of high school: A=5 points, B=4 points, C=3 points. No more than two units of certified 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. The high school must certify that the courses are offered at the honors level. Courses designed to prepare students for the College Board Advanced Placement Examination as well as college courses recorded on your high school transcript that are transferable to the University are acceptable as honors-level courses.

Examination Requirement

You must submit the following test scores:

- Either the Scholastic Assessment Test I: Reasoning Test (SAT I) or the American College Test (ACT). The verbal and mathematics scores on the SAT I must be from the same sitting. The ACT composite score must be submitted.
- Scholastic Assessment Test II:* Subject Tests (SAT II), include mathematics Level 2, English literature, foreign language, science and social studies.

* are recommended for UC admission

Students applying for admission for the fall term must take the SAT or ACT tests by December of their senior year.

For registering information please go to the Collegeboard or ACT websites:

www.collegeboard.com

www.actstudent.org

California State University

Undergraduate Admission Requirements

Freshman Admission Requirements

To establish eligibility for admission as a first-time freshman, an applicant is required to:

- (1) be a high school graduate;
- (2) have completed, with grades of “C” or better, each of the courses in the comprehensive pattern of college preparatory subject requirements; and
- (3) have a qualifiable eligibility index.

College Preparatory Pattern

First-time freshman applicants are required to have completed, with a grade of C or better in each course, the 15-unit comprehensive pattern of college preparatory study. A unit is equal to one year of study in high school.

English	4 units
Mathematics (algebra, geometry, intermediate algebra).....	3 units
World History	1 unit
U.S. History/Economics and Government.....	1 unit
Science with lab (one year of life science and one year of physical science)	2 units
World Language (subject to waiver for applicants demonstrating equivalent competence).....	2 units
Visual and Performing Arts	1 unit
Electives (English, advanced mathematics, social science, history, laboratory science, foreign language, visual and performing arts and agriculture)	1 unit

For the purpose of satisfying CSU’s college preparatory course requirements, CSU accepts all high school courses identified by the University of California as meeting “a-g” requirements.

Eligibility Index

A table showing the Eligibility Index may be found in the Admissions Application.

Students with grade point averages of 3.00 or above may establish eligibility for admission without submitting test scores.* Applicants are encouraged to take the SAT I or ACT since test scores will be included among the supplementary criteria used to determine admission to impacted campuses (impacted campuses are those that have many more qualified applicants than they have spaces) and programs.

* For non-impacted campuses

**UNIVERSITY OF CALIFORNIA
and
CALIFORNIA STATE UNIVERSITY**

Courses to meet requirements for admission

Underlined courses denote extra honors credit: A=5, B=4, C=3

A-HISTORY

American Government
American Government (AP)
European History A/B (AP)
Modern Civilization A/B
U.S. History A/B
U.S. History A/B (AP)
World History AP

B-ENGLISH

American Literature A/B
English 10 A/B
English 10 A/B (H)
English 9 A/B
English 9 A/B (H)
English Language and Composition A/B (AP)
English Literature and Composition A/B (AP)
ERWC (CSU Expository Reading, Writing, and Composition)
Humanities
Mythology and Folklore
Relevancy
Science Fiction
Shakespeare

C-MATHEMATICS (*may only be used for the "c" requirement)

*Algebra IA/B
*Algebra A/B/C
*Algebra II/Trigonometry A/B (H)
*Algebra II/Trigonometry A/B
*Algebra IIA/B
Calculus A/B
Calculus A/B (AP)
Calculus B/C (AP)
*Geometry I A/B (H)
*Geometry I A/B
Financial Algebra with Technology A/B
Pre Calculus A/B

Pre Calculus A/B (H)
Statistics
Statistics (AP)
Trigonometry

D-LAB SCIENCE

Animal/Vertebrate Biology A/B
Biology A/B
Biology A/B (AP)
Biology A/B (H)
Biology 2A/B
Chemistry A/B
Chemistry A/B (AP)
Chemistry A/B (H)
Human Anatomy and Physiology A/B
Human Anatomy and Physiology A/B (H)
Physics A/B
Physics A/B (AP)
Environmental Science A/B (AP)
Marine Studies A/B

E-WORLD LANGUAGE

French I-IV A/B
French Language A/B (AP)
Mandarin Chinese I-III
Mandarin Chinese A/B (AP)
Spanish I-IV A/B
Spanish Language A/B (AP)

F-FINE ARTS

2D Art A/B
3D Art A/B
Art I A/B
Ceramics I A/B
Ceramics II A/B
Concert Choir A/B
Dance Production A/B
Digital Photography A/B
Guitar A/B
Jazz Ensemble A/B
Marching Band A/Symphonic Band B
Mixed Chorus A/B
Music Appreciation A/B
ROP Digital Photography
Show Choir

Small Vocal Ensemble A/B
Stage Band A/B
Stagecraft A/B
Studio Art Drawing (AP)
Studio Art Design (AP)
Theater Arts I A/B, II A/B
Video Production I A/B
Women's Chamber Ensemble

G-ELECTIVE COURSES

Animal Vertebrate
Business Analysis A/B
Business Law
Contemporary American Problems
Creative Writing A/B
Earth Science 2A/B
Economics
Economics (H)
Human Geography (AP)
Intro to Business A/B
Journalism
Literary Magazine
Marketing
Psychology
ROP Forensics
ROP TV Broadcast Journalism
Sociology
World Geography

HIGH SCHOOL TERMINOLOGY

ADVANCED PLACEMENT/HONORS:

Saugus offers many Advanced Placement (AP) and Honors (H) courses. Please see listings in each department. Both weighted grade points (A = 5, B = 4, C = 3) and college credit may be earned by passing AP examinations. (AP students are expected to take the AP test.)

CALIFORNIA SCHOLARSHIP FEDERATION:

The Codes CSF-I and CSF-II designate List A solids and List B solids, defined in the CSF State Constitution. In order to qualify for CSF the student must enroll in at least three subjects designated by the Codes CSF-I or CSF-II, and of these three, at least two must be designated CSF-I. One elective class may count for CSF membership. A student may qualify based upon their 10th, 11th, and 12th grade grades. 9th grade is honorary only.

CLASS RANK:

Class rank is a student's standing based on his/her total GPA as compared with that of the other members of the class. In a class of 100, for example, the student with the highest grade point average would be Number 1; the lowest would be Number 100.

GRADUATION HONOR SCHOLARS:

To be considered a Senior Honor Scholar at graduation you must have a 3.75 at the end of the 7th semester grading period (December). All transcripts from courses taken outside of the Hart district must be turned in by February 1st of the senior year. The same applies to be considered a Junior Honor Scholar at graduation you must have a 3.75 at the end of the 5th semester (December). Transcripts from courses taken outside of the Hart district must be turned in by February 1st of the Junior year.

NATIONAL HONORS SOCIETY:

National Honor Society is a club for students who demonstrate excellence in service, scholarship, leadership and character. They must be an active member of a club or sport, have a 3.5 average, be recommended by two or more teachers and a committee who reviews the questionnaire. They must also complete eight hours of community service each semester. Students are not eligible until their sophomore year.

CREDIT SUMMARY:

During the spring semester, counselors evaluate each student's credit standing. A general rule for normal progress through high school would require the completion of 60 credits at the end of each of the first two high school years. Each student is advised of his/her credit standing as he/she is individually counseled during the pre-registration periods.

EARLY GRADUATION:

If a student wishes to exercise the option of early graduation at the end of the first semester of the senior year, he/she must:

1. Meet all the credit, subject matter and proficiency requirements.
2. Present a request in writing prior to April of the junior year.
3. Complete an Early Graduation Request form, which includes parental permission.

GRADES:

A - Outstanding Achievement
B - Very Good Achievement
C - Average Achievement
D - Minimum Achievement
F - Failure/Unsatisfactory Achievement
I - Incomplete
NM - No Mark (no credit given)
P - Pass

GUIDANCE CENTER:

The Guidance Center is open to students and parents. Information on careers, colleges, universities, and scholarships are available. Please contact your student's counselor for information.

PERMANENT RECORD:

Each student has a permanent record indicating the following: 1) all courses taken, 2) grades earned, 3) credits earned, 4) date completed, 5) grade point average for courses, 6) rank in class, and 7) standardized test scores.

PROGRESS REPORTS/REPORT CARDS

Reports to students and parents are issued four times each semester as follows:

1. 5 week – September and February – A mid-quarter progress report is distributed to students at school.
2. 10 week – October and March – Quarter report cards are distributed to students halfway through the semester. These grades are not permanently recorded, except for quarter athletics.
3. 15 week – November and April – Mid-quarter progress report is distributed to students at school.
4. 20 week – December and June – Final report cards are mailed home in January and June. These grades **are** recorded onto the student's permanent records.

We strongly suggest you check your child's grades/attendance in Infinite Campus for the classes in question to determine if there has been an improvement. If you need directions, log into www.hartdistrict.org; click on Campus Portal. Under Parents, click on Create an Account or Log-in if you already have an account. Otherwise, you may communicate with teachers and counselors at any time if you have concerns or questions relating to your student's progress.

SPECIAL EDUCATION:

Enrollment in special education courses is done through an Individualized Education Plan. Contact a school counselor, the school psychologist or administrator if you have any questions.

Criteria for 9th Grade Program Placement

All students have the opportunity to enter the general high school program on their way to fulfilling the “a-g” Univ. of California requirements unless they have demonstrated by their middle school performance that they are not ready. They will be placed at their appropriate level upon entering the 9th grade based on the criteria listed below. They may subsequently enroll in classes meeting the “a-g” requirements as warranted by their grades.

Criteria for 9th grade placement:

English—Writing sample, vocabulary/comprehension test scores, junior high teacher recommendation.

Mathematics—Based on grades and scores on STAR testing.

Science— Junior high teacher recommendation and math placement.

World Language—a “B” or better grade in 8th grade English. Rationale: students who struggle with language skills in their first language will have the struggle compounded trying to master a world language.

ELIGIBILITY

Athletic eligibility is based on California Interscholastic Federation (CIF) Regulations. To remain eligible, students are required to be passing at least 4 classes each quarter and to maintain a minimum grade point average of 2.0 at each quarter. Athletes who fall below a 2.0 at any quarter grading period will become ineligible until the next grading quarter.

Co-curricular eligibility is based on District Regulations. Students are required to maintain a minimum grade point average of 2.0 at each quarter to remain eligible. Unlike athletes, co-curricular participants (Cheer, Chorus, Band, Flags, and Drama) may regain eligibility at the next 5-week reporting period if they raised their G.P.A. to a 2.0 or above.

During the ineligibility period, students may not travel with the group. The level of involvement during the class period or practices of students is at the discretion of each coach/advisor.

William S. Hart District policy requires that students attend all classes on the day of contests or performances, except for doctor or dental appointments, which cannot be scheduled at another time. Parents must contact the attendance office to seek administrative approval the day before the appointment to assure eligibility for the next day’s event.

For further information regarding eligibility please refer to the Williams S. Hart Notice of Student and Parent Rights, Regulations, and Responsibilities pamphlet provided to students in their registration packet.

NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

KNOW THE RULES:

Core Courses

- **NCAA Division I requires 16 core courses as of August 1, 2008.** This rule applies to any student first entering any Division I college or university on or after August 1, 2008.
- **NCAA Division II requires 14 core courses.** See the breakdown of core-course requirements below. **Please note, Division II will require 16 core courses beginning August 1, 2013.**

Test Courses

- Division I has a sliding scale for test score and grade-point average. Please check the website for this information. www.ncaaclearinghouse.net
- Division II has a minimum **SAT** score requirement of 820 or an **ACT** sum score of 68.
- The **SAT** score used for **NCAA** purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The **ACT** score used for **NCAA** is a **sum** of the **four** sections on the ACT: English mathematics, reading, and science.
- **All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of "9999" to make sure the score is reported to the Eligibility Center.**

<p>Division I</p> <p>16 Core-Course Rule</p> <p><u>16 Core Courses:</u></p> <p>4 years of English</p> <p>3 years of mathematics (Algebra 1 or higher)</p> <p>2 years of natural/physical science (1 yr of lab)</p> <p>1 year of additional English mathematic or natural/physical science</p> <p>2 years of social science</p> <p>4 years of additional courses(from any area above, foreign language or non doctrinal religion/philosophy)</p>

<p>Division II</p> <p>16 Core-Course Rule (2013 and beyond)</p> <p><u>14 Core Courses:</u></p> <p>3 years of English</p> <p>2 years of mathematics (algebra I or higher)</p> <p>2 years of natural/physical science (1 yr of lab)</p> <p>3 years of additional English, mathematics or natural/physical science</p> <p>2 years of social science</p> <p>4 years of additional courses (from any area above, foreign language or non doctrinal religion/philosophy)</p>
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Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final certification prior to enrollment.

**THE NCAA FREQUENTLY UPDATES THEIR ELIGIBILITY REQUIREMENTS.
PLEASE VISIT www.ncaa.org AND CLICK ON ‘ACADEMICS AND ATHLETES’ THEN ‘ELIGIBILITY
AND RECRUITING’ FOR THE MOST RECENT INFORMATION.**

Students are urged to enroll in additional academic courses beyond the basic A-G sequence. Along with the GPA and SAT scores, UC considers the nature of the high school program in the admission’s process. Additional academic, Honors, AP, and transferable community college classes along with the quality of the senior year program, have a positive effect on students’ overall standing when being considered for admission. In addition, students’ extra-curricular activities and the required personal statement play a large part in the admission’s process.

16 core courses			
A. History	2 years	Modern Civilization (10) US History (11) Government and Economics (12)	3 years/ Modern Civilization (10) US History (11) Government & Economics (12)
B. English	4 years of college preparatory English	4 years of English	D1 4 years, D2 3 years of college-preparatory English
C. Math	Completion of: Algebra, Geometry, and Algebra II	Must complete algebra Must have a minimum of 4 semesters of math	D1 3 years, D2 2 years of math (Algebra 1 and higher)
D. Science	Biology Chemistry or Physics	Biology Chemistry, Physics, Earth Science, or Physical Science	2 years of natural/physical science (1 should be a lab science)
E. Language	At least 2 years of the same language	No language requirement	No specific language requirement, but language can be used towards core course requirement
F. Fine Art	2 semesters of the same class (Art 1A and 1B, Chorus A and Chorus B)	If no language taken, student needs any 2 Fine Arts. If 1 year of language taken, student needs only 1 fine art.	Does not count towards core course requirement
G. Additional Year	1 extra year of academics beyond the minimum. Third year of History will cover this.	Students must reach a total of 220 credits to graduate	D1 5 extra courses, D2 7 extra courses from these areas: English, math, science, language, comparative religion, philosophy
H. Health	Not required	One health class required	Does not count towards core course requirement
I. Practical Art	Not required	One Practical Art class required.	Does not count towards core course requirement
J. HSEE	Students must have a diploma, so therefore they need to pass the HSEE	Must pass both the English and math sections of the HSEE	Does not count affect core course requirement
K. GPA/ Ranking	CSU typically takes the top 25% and UC the top 12.5% of a graduating class	No GPA or rank requirements	NCAA uses a GPA sliding scale. Please visit www.ncaaclearninghouse.net for the most recent updates
L. PE	No PE requirement	4 semesters of PE or sports	Does not affect core course requirement

Saugus High School Courses

Not all classes listed are offered every school year.

BUSINESS, TECHNOLOGY, AND COMPUTER EDUCATION

Accounting A/B

Grades 11-12

This course will give students a thorough knowledge of the fundamentals of accounting, using double-entry system. Students will learn the accounting cycle, including the use of special journals and accounting software. This course is a must for students planning to open a business of their own, work in a business office, or take a business related major in college.

Algebra Financial w/Technology A/B

Grades 10-12

This course satisfies the practical art requirement for graduation and is CUS/UC approved.

Financial Algebra with Technology provides students with an understanding of: linear equations and inequalities, systems of equations and inequalities, exponents and polynomials, quadratic functions, and rational equations. Students will use the business principles of interest, credit, supply/demand, revenue, cost, and profit as the context for learning the mathematical content. Using this integrated instructional approach provides students with a practical understanding of fundamental business and finance issues while providing an engaging context to master the foundational Algebra I concepts.

Business Analysis A/B (Computers)

Grades 9-12

This course is approved as a CSU/UC college prep elective.

Technology literacy is a required skill in academics, business, and life today. Business Analysis has been developed to teach practical and theoretical skills using computers. Students will begin by developing and improving keyboarding skills, as well as improving their Microsoft Office Suite knowledge. Topics include basic computer skills using Word, Excel, PowerPoint, and the ethical issues relevant to technology. Students will complete eight sections of a business plan for a business of their choice.

Business Law

Grades 11-12

This course is approved as a CSU/UC college prep elective. Offered Spring semester only.

Business Law is the study of the American legal, justice system, and contractual law. Emphasis is placed on citizen's rights and responsibilities. The United States Constitution, Bill of Rights, and landmark Supreme Court decisions are studied.

Career Foundations A/B

Grades 9-12

Career Foundations provides a virtual forum for students to discuss, explore and understand the vast career choices available to them. This course creates the optimum opportunity for students to properly decide which cluster and pathway might be right for their future, with detailed job descriptions, educational requirements, salary information, interviews with industry professionals and more. This course is aimed at providing students with the focus and preparation needed for a successful transition from high school to postsecondary studies and/or future career success.

Computer Applications in Business**Grades 9-12**

Computer Applications A/B will develop digital literacy to communicate and work efficiently and to effectively find, use, summarize, evaluate, create, and communicate information using digital technologies; students will learn how computers are used to collect, store, distribute and communicate information within a business context; students will learn how to use current industry-standard office software to complete high school/college coursework and create professional workplace documents in an efficient manner; students will learn the fundamentals of file management; students will become “digital citizens.”

Digital Game Design A/B**Grades 9-12**

Students enrolled in Digital Game Design create, design, test, and run games, stories, and animations in the following various programs: SCRATCH 1.4, Alice 2.2, C#, and C++. Students review and reinforce previous Algebra concepts while they are creating games, stories, and animations.

Digital Photography A/B**Grades 9-12**

This course satisfies either the fine art or practical art requirement for graduation.

This course is approved to meet the UC/CSU a-g fine arts requirement.

Digital Photography is an introductory Digital Photography course with an emphasis on using the Digital SLR camera and Digital Technology. Digital Photography covers concepts in the history of photography, photocomposition, manipulating images using Adobe Photoshop and photographic printing. Students will apply Adobe Photoshop techniques learned through class instruction to their digital photographs.

Intro to Business A/B**Grades 10-12**

Intro to Business will introduce students to the exciting and challenging world of business. Through the information and activities presented, students will increase their preparation to be knowledgeable a consumer, well-prepared employee, and effective citizen in our economy. This course serves as a background for other business courses students will take in high school and in college, prepare them for future employment or business ownership, and make students better informed citizens for an expanding international economy.

Marketing**Grades 11-12**

This course is “a-g” “g”—section approved. Offered Fall semester only.

Marketing will introduce students to the various marketing functions through the study of marketing and how it relates to Travel and Tourism, Sports and Entertainment, International Market, and E-Commerce.

Web Development I/II**Grades 9-12**

Class can be taken twice.

In Web Development students learn how to create and maintain Web sites/Web pages using basic coding, authoring applications, and graphic editing software.

ENGLISH

ENGLISH 9A/B

Grade 9

Fulfills the English requirement for graduation and the UC/CSU English requirement.

The English course for freshmen is a literature-based curriculum. The course presents six genres of literature, with emphases on the technical components of literature as well as on values-centered meaning. All students will become familiar with the process of writing through their own compositions, which are based on the experiences presented in the literature and in life. The conventions of usage and grammar, skills in listening and speaking, and vocabulary growth will also be emphasized.

ENGLISH 9 HONORS A/B

Grade 9

Prerequisite: 8th Grade Enriched English. Also see 8th grade placement information section.

Fulfills the English requirement for graduation and the UC/CSU English requirement.

Students pursuing an honors curriculum are expected to possess abilities and motivation in excess of the average student. Enrolled students will actively explore literature with deep inferential demands and enjoy an extensive composition component emphasizing organization and structure, including a formal research paper. Other significant branches of the honors curriculum include Grammar and mechanics, vocabulary, unit projects and oral presentations.

Honors students are expected to progress at an advanced level of cognition, comprehension, and cohesion. Placement in honors English is achieved through a combination of superior test scores, demonstrated excellence in Junior High English courses, and teacher recommendation. **Students must maintain a C- grade or the approval from the teacher to remain in the class.**

ENGLISH 10A/B

Grade 10

Fulfills the English requirement for graduation and the UC/CSU English requirement.

The English course for sophomores is a literature-based curriculum. The course presents six genres of literature in more depth than in the genres presented to the freshmen. There will be emphases in the course on the technical components of literature as well as on values-centered meaning. All students will become more familiar with the process of writing through their own compositions, which are based on the experiences presented in the literature and in life. The conventions of usage and grammar, skills in listening and speaking, and vocabulary growth will also be emphasized.

ENGLISH 10 HONORS A/B

Grade 10

Fulfills the English requirement for graduation and the UC/CSU English requirement.

These courses have been specifically designed for the college preparatory student. In addition to providing a sound background in the historical development of American Literature, they also provide an intensive, sequential study of grammar and composition. Students will have the opportunity to learn more about library research, how to write formal papers, and how to increase their vocabulary. Students will do independent reading during the course and share their reactions with the class.

AMERICAN LITERATURE A/B

Grade 11

Fulfills the English requirement for graduation and the UC/CSU English requirement.

In this course, students will explore the fascinating world of American Literature. By means of lecture, discussion, and readings, they will discover the changing patterns of American thought from the Nation's founding to today. Students will meet new authors and perhaps get reacquainted with those

they have previously read. They will continue to develop their composition skills and to build their vocabulary.

ENGLISH LANGUAGE AND COMPOSITION AP

Grade 11

Fulfills the English requirement for graduation and the UC/CSU English requirement.

This junior level course is designed to train students to become skilled readers of prose written in a variety of historical periods, academic disciplines, and rhetorical contexts. Using American Literature as its focus, the course gives students the practice and helpful criticism necessary to become flexible writers who can compose in a variety of modes for a variety of purposes. All writing assignments (expository, analytical, and argumentative) in the course contribute to making students more mature writers, and these writing assignments allow the student to see the connections between reading and writing prose of many kinds. Upon culmination of course, students will be prepared not only for the AP English Language and Composition exam, but they also will be prepared for the type of reading and writing that is required in courses at the college level.

ADVANCED COMPOSITION (SPRING SEMESTER)

Grade 12

Fulfills the English requirement for graduation and the UC/CSU English requirement.

Prerequisite: CPEG or consent of instructor.

Advanced Composition, non-AP, will help the student improve expository writing skills. The course will continue to expand the modes introduced in CPEG: elementary exposition, definition, report, analysis, cause and effect, comparison and contrast, argumentation, and literary analysis. The study of grammar will be limited to problem spots as identified within the class by the instructor. A **term paper** will be taught in steps and is required for credit in the course.

COLLEGE PREP GRAMMAR (CPEG)

Grade 12

Fulfills the English requirement for graduation and the UC/CSU English requirement.

College Preparatory English Grammar (CPEG) is an advanced college preparatory course that is an intense study of the English language system and is a recommended prerequisite for Advanced Composition. Grammar units include an in-depth look at the parts of speech, the parts of a sentence, phrases, clauses and usage, and how each of these units of grammar contributes to the writing of sentences, paragraphs and essays. Additionally, students will study the progression of the English language from the time of language development in humans up to Modern English and how each of these stages have influenced the language we use today. Students will look at historical texts such as *Beowulf*, *Canterbury Tales*, and excerpts from Shakespeare in order to analyze language change. CPEG is a writing intensive course where students practice their skills in the writing of personal narratives, college personal statements, scholarship essays, analytical essays, and a comprehensive, detailed research paper.

CREATIVE WRITING

Grades 10-12

Can fulfill the English requirement for graduation.

Creative writing offers young writers, poets, and storytellers an opportunity to exhibit their talents to each other, gain experience in description, story form, and drama, and have their work evaluated by their peers and by the instructor.

CSU EXPOSITORY READING & WRITING COURSE (ERWC)**Grade 12***Fulfills the English requirement for graduation and the UC/CSU English requirement.*

The goal of the Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Completion of the course with a C or better will qualify students who are "Ready for CSU or participating CCC college-level English courses - Conditional" will avoid costly remedial classes at the CSU. Through a sequence of fourteen rigorous instructional modules, students in this year-long, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies in their own writing. They will read closely to examine the relationship between an author's argument or theme and his or her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine the social, political, and philosophical assumptions that underlie the text. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other nonfiction texts. The course materials also include modules on two full-length works (one novel and one work of nonfiction).

ENGLISH LITERATURE AND COMPOSITION AP A/B**Grade 12***Fulfills the English requirement for graduation and the UC/CSU English requirement.**Prerequisite: Consent of instructor.*

This course is the culmination of the four-year honors program at Saugus. It is an Advanced Placement course meeting the college-level standards of the College Board. It is expected that the students will take the AP exam. In the course students will study and write various kinds of expository writing: elementary exposition, definitions, reports and persuasion, and others. The course is also a survey of significant works of world literature, focusing on major European writers but also including some works of authors from North America, South America, Asia, and Africa.

HUMANITIES**Grade 12***Fulfills the English requirement for graduation and the UC/CSU English requirement.*

Humanities, in its purest form, is the study of the arts. Humanities is a single-semester English class which examines the arts from around the world. We will look at literature from Shakespeare, to Chinua Achebe, Africa's most celebrated writer. We will study artists from Michelangelo, to Salvador Dali, and musicians/composers from Beethoven and Bach, to Buddy Holly and *Nirvana*. We will also spend some time looking at influential film makers.

JOURNALISM**Grades 9-12***Can fulfill one semester of the English requirement for graduation or practical arts requirement.**May fulfill the CSU/UC letter 'g' elective requirement.*

One semester can fulfill the English requirement for graduation or practical arts requirement.

This elective class produces the school's paper, The Saugus Scroll, and is open to all students with a creative passion for hard work in the field of modern journalism. The production-driven class gives students the chance to explore and write for one or more of the following sections: news, features, arts/entertainment, sports, and opinion/editorial. Students will learn the basics of investigative journalism, interviewing skills, journalistic writing, and editing. In addition to writing, students have opportunities to learn and hone skills as photographers, layout editors (via Adobe InDesign), and cartoonists. The paper also has needs in the areas of web design and advertising. The program's

opportunities encourage growth and achievement into its many leadership positions as well. No prior experience is required.

LITERARY MAGAZINE

Grades 10-12

Can fulfill one semester of the English requirement for graduation or 5 credits of fine art for graduation(1655)or the practical arts requirement for graduation, or the year fine arts for graduation(7823).

The major emphases in this course are the study of the arts and the application of advanced writing techniques in both formal and creative composition. A strong writing background is required; previous exposure to/involvement in art is encouraged. Major areas covered include classic and modern writers (wide genre base), art, literary theory, philosophy and phonology, all presented as relevant resources for the aspiring student writer/artist. Student application is extensive and varied, with two formal essays and major creative projects in any two of the following genres: fiction, poetry, drama, art/photography, desktop publishing and journalism. In addition, all students submit, edit, design, advertise and market creative work in the production of the school literary magazine, The Centinel. Students repeating the course follow the same curriculum and continue to explore their own artistic expression (with new individual projects), and typically assume a leadership role (editor) in the production of the literary magazine. This course may be taken four times for credit, but only one course will be applied toward meeting English requirements.

MYTHOLOGY AND FOLKLORE

Grade 12

Fulfills the English requirement for graduation and the UC/CSU English requirement.

This course is designed to present a picture of how myths and legends have enriched the lives of men since the beginning of time, and how they illustrate man's attempts to explain and understand his origin, his world, and his existence. It will examine the cultures and human values of different countries and different times and come to an understanding of the basic similarities, which exist among mankind in each peoples' attempt to define and understand their relation to the universe.

RELEVANCY

Grade 12

Fulfills the English requirement for graduation and the UC/CSU English requirement.

This class will give students the opportunity to read novels and short stories, which most teenagers find interesting and relevant to them. Students will have the chance to talk about what they have read with the class and share their ideas. Students will also work on vocabulary and writing skills.

SCIENCE FICTION

Grade 12

Fulfills the English requirement for graduation and the UC/CSU English requirement.

Although the setting for science fiction is usually the world of tomorrow, the problems it deals with are often those of today. Students will continue to work to improve their writing skills, grammar, spelling, vocabulary, etc.

SHAKESPEARE

Grade 12

Fulfills the English requirement for graduation and the UC/CSU English requirement.

Shakespeare is a literature course designed primarily to cover the history and tragic plays of William Shakespeare. In addition to a study of selected history and tragic plays, attention will be given to Shakespeare's life and times, as well as his poetry. The basic activities will center around reading, discussion, and writing. Students, moreover, will be expected to do outside reading and participate in small group discussions.

ENGLISH LANGUAGE DEVELOPMENT

When students arrive in the district, they are given a home language survey. If it indicates that a student is LEP (Limited English Proficient), they are referred to the ELD (English Language Development) program. Acquiring English as a second language is a developmental process. ELA courses are sequential in nature, and support English Language Development (ELD) standards. The ELD standards display patterns of language development that range from the student's initial contact with formal instruction in English to the point at which his/her use of English is comparable to that of his/her native English-speaking peers. California ELD standards are organized by language proficiency level, then by grade span. English Learners may enter school and begin their process of learning English at any of these levels, causing a variation in the grade span process, and providing adequate time to accommodate the EL student's academic language needs while credits are being earned. State assessments such as CELDT, CST, CAHSEE, as well as a Standard Reading Assessment may be used in determining the most appropriate placement in the ELD program. English Learners will be enrolled in two hours of ELD instruction daily until students are recommended for reclassification as FEP (Fluent English Proficient). English Learners approaching FEP status need to demonstrate sufficient academic literacy through such assessments as CELDT (Advanced), CST (Proficient), writing level of at least two, and a minimum core G.P.A. of 2.00. English Learners may continue their course work at the secondary level until their 22nd birthday. Every student must complete 40 credits in English, and ELD courses are applied in meeting graduation requirements in English. Accrued ELD credits for two-hour daily instruction beyond this graduation requirement will fulfill elective credits.

COURSE SEQUENCE

ELA I A/B (two hours of instruction daily)

English Learners at the **Beginning Level** (CELDT) of English language proficiency are placed into ELA 1 (English Language Acquisition) for one or more semesters. Students progress from having no receptive (listening/reading), or productive (speaking/writing) English skills, to possessing a basic use of English in communicating basic needs and social convention. Students assessed on the CELDT are at the BEGINNING level, and on the CST, they usually range from Far Below Basic through Below Basic.

ELA II A/B (two hours of instruction daily)

Prerequisites: Demonstration of English language proficiency approaching this level based upon assessments and teacher recommendation.

English Learners at the **Early Intermediate Level** (CELDT) of English language proficiency response with increasing ease to more varied communication tasks with learned material. Students at this stage of English acquisition are demonstrating language proficiency and reading comprehension on the Language Arts portion of the CST. They usually score in the Below Basic category.

ELA III A/B (two hours of instruction daily)

Prerequisites: Demonstration of English language proficiency approaching this level based upon assessments and teacher recommendation.

English Learners at the **Intermediate Level** (CELDT) of English language proficiency begin to refashion learned material to meet their immediate communication and learning needs. Students at this

stage of English acquisition are demonstrating language proficiency and reading comprehension on the Language Arts portion of the CST. They usually score in the Below Basic through Basic categories.

FINE ARTS

ART 1 A/B

Grades 9 -12

Prerequisite to Art 1B: "C" grade or better in Art 1A or consent of instructor.

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This course is designed for students who have expressed interest in the **VISUAL ARTS** as taught by highly qualified Fine Art credentialed educators and aligned to California State Standards for Visual Arts. Explore multiple mediums in Painting, Drawing and Graphic Design. Students will learn creative problem solving, so valuable in today's job market. Discover vast career opportunities available to Fine Artists in today's multi-million dollar industry.

2D ART A/B

Grades 10-12

Prerequisite: "C" grade or better in Art 1B or consent of instructor.

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This intermediate course builds on knowledge gained from Art 1A and 1B. Student will use a wide range of art mediums including: acrylic painting on canvas, watercolors, drawing, pastels and more. A sketchbook will be kept. Contemporary artists will be studied and current events in the arts will be discussed.

3D ART A/B

Grades 10-12

Prerequisite: Completion of Ceramics 1A/B or Art 1A/B

Students in this course will create and produce a variety of three dimensional art projects at an introductory level. This is an intermediate level art course and utilizes a diversity of mediums. 3D Art A/B will emphasize standards based instruction and the elements of design.

ART HISTORY

Grades 9-12

This class is designed to provide the same benefits to high school students as an introductory college course in art history: an understanding and knowledge of architecture, sculpture, painting and other art forms within diverse historical and cultural contexts. Students examine and analyze major forms of artistic expression from the past to the present from a variety of cultures.

AP ART HISTORY A/B

Grades 9-12

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This class is designed to provide the same benefits to high school students as an introductory college course in art history: an understanding and knowledge of architecture, sculpture, painting and other art forms within diverse historical and cultural contexts. Students examine and analyze major forms of artistic expression from the past to the present from a variety of cultures. Many colleges and universities offer advanced placement and/or credit to a student who performs successfully on the AP Art History Exam.

AP STUDIO ART: Drawing, 2-D Design, and 3-D Design

Grades 10-12

Prerequisite: Portfolio review, instructor approval, and preferably 2 years of art

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

Advanced Placement Studio Art is a course for advanced level art students who desire an opportunity to be challenged by college-level work. Through the development of a personal portfolio of art work,

students will demonstrate advanced skills in using the elements and principles of art. Students will expand their visual communication through the exploration of design processes, and composition. Students will submit their portfolio to College Board for scoring and possible college credit.

AP 3-D DESIGN 1A/B

Grades 10-12

Prerequisite: Portfolio review, instructor approval, and preferably 2 years of art

This AP Studio Art 3-D Design course will address a very broad interpretation of three-dimensional design issues that will involve purposeful decision-making about how to use the elements and principles of art as they relate to depth and space. The student will demonstrate their understanding that the principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, and figure/ground relationship) can be articulated through the visual elements (mass/ volume, color/light, form, plane, line, and texture.) The student will develop and demonstrate mastery in concept, composition and execution of ideas.

BEGINNING GUITAR

Grades 9-12

Students who have an acoustic guitar are welcome to bring their own acoustic guitar. This one semester introductory course is open to all students. Basic fundamental technique and musicianship skills will be covered along with an emphasis on music reading and comprehension. This course is designed to teach the basic principles of musical structure through performance repertoire and ensemble playing. Students will gain an overall understanding, appreciation, and enjoyment of music.

CERAMICS I A/B

Grades 9-12

Prerequisite: For Ceramics 1B a "C" grade or higher in Ceramics 1A.

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This course is designed for those students who would like to work with clay. Hand building and wheel throwing techniques will be taught. A research project will also be required.

CONCERT CHOIR A/B

Grades 10-12

Prerequisites: Previous choral experience and an audition by the Director.

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This is an advanced ensemble for males and females. Highly advanced music is performed by this group, both accompanied and a cappella. Students will sing music of many genres, languages and periods in history with particular focus on classical, ethnic and modern art songs. The students perform extensively throughout the year at festivals, concerts and in the community. Advanced music theory will be covered in this class. Students must have extensive choral experience and have proper vocal technique in order to audition. Concert attire is required for the class. Students tour both in the fall and spring. This is a year-long course. A 2.0 GPA must be maintained in order to perform. The Director's signature is required for registration.

DIGITAL PHOTOGRAPHY

Grades 9-12

Fulfills either the fine arts or practical arts requirement for graduation. UC/CSU Fine Arts approved.

This is an introductory Digital Photography course with an emphasis on using the Digital SLR camera and Digital Technology. The course covers concepts in the history of photography, photocomposition, manipulating images using Adobe Photoshop and photographic printing. Students will apply Adobe Photoshop techniques learned through class instruction to their digital photographs. Students will also learn basic web design techniques to create a digital portfolio website of their photos for publishing on the Internet. There is a nominal consumable cost.

DIGITAL PHOTOGRAPHY 2A/B**Grades 10-12**

Fulfills either the fine arts or practical arts requirement for graduation. UC/CSU Fine Arts approved.
Prerequisite: A passing grade or better in Digital Photography 1B is required to enroll in the Photography 2 A/B course. This course continues to explore advanced concepts in Digital Photography. An emphasis is placed on style and development and self-study. Composition and aesthetic criteria are stressed for portfolio development. This course is designed to strengthen conceptualization skills.

JAZZ ENSEMBLE (ADVANCED)**Grades 9-12**

Prerequisite: Audition and consent of instructor.

This group develops out of the Marching and Concert Bands. The prerequisite includes membership in Marching and Concert Bands. Members of the group are admitted with the consent of the instructor. Emphasis is placed on the areas of music theory, band arranging, and exploration of the jazz band sounds of the present day. Attendance at all performances is mandatory.

MARCHING BAND (FALL) CONCERT BAND (SPRING)**Grades 9-12**

Prerequisite: Audition and consent of instructor.

Students grades can earn physical education credit for marching band.

This course stresses improvement of instrumental and performance techniques. The first semester deals primarily with marching band techniques. The remainder of the year emphasizes exposure to concert band music of all styles and periods. The band plays for campus functions, half-time shows, concerts, and may represent the school at music festivals. Attendance at all performances is mandatory.

MIXED CHORUS A/B**Grades 9-12**

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This is a class designed for the beginning singer. The class will teach students how to use their singing voice, with emphasis on proper tone, posture and breathing. Students will learn to sing different style of music and will sing in different languages. The music will be unison and two part arrangements. The class is open to all with no audition or signature from the Director. This class is for both males and females. A 2.0 GPA must be maintained in order to perform.

MUSIC APPRECIATION A/B**Grades 9 -12**

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This course is designed to improve students' understanding and appreciation of music. Student will examine and analyze various styles and genres from the past to the present from a variety of cultures. Involving students in processes that reveal the complexities of music encourages them to discern each musical example from a specific viewpoint. Through multiple experiences, students accumulate an understanding of the art itself. Focus is on recognizing musical characteristics, acquiring knowledge about music and developing musical appreciation through understanding. A research project will be required.

PERCUSSION ENSEMBLE**Grades 9-12**

This introductory course is open to all students. Fundamental technique and musicianship skills are stressed in the five main areas of percussion: snare drum, mallets, timpani, drum-set and auxiliary. This course is designed to teach the principles of musical structure through percussion repertoire and ensemble playing as well as develop an enjoyment of music. The skills learned will encourage involvement within the community, improve technical and musical skills and better ensemble technique.

SHOW CHOIR**Grades 9-12**

Prerequisite: A singing and dancing audition is required as well as the Director's signature for registration. Fulfills the fine arts requirement for graduation and the UC/CSU Fine arts requirement. Tenth-twelfth grades can earn physical education credit for both semesters.

This choir is a performing group where students will learn the basics of show choir presentation, which includes ear-training, sight-reading, correct vocal production and dance skills. Previous choral experience is necessary; previous dancing experience is preferred. There will be weekly after school rehearsals and a 2.0 GPA must be maintained in order to perform.

SMALL VOCAL ENSEMBLE (Jazz Choir)**Grades 9-12**

Prerequisite: A vocal audition is required as well as the Director's signature for registration. Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement. Tenth-twelfth grades can earn physical education credit for fall semester only.

This is an advanced ensemble. Students in the ensemble are expected to be familiar with choral rehearsal techniques and basic music fundamentals. Music for this group will focus on Jazz styles from Dixieland to the Modern Era. Students will perform at festivals and concerts in the Fall and Spring. A 2.0 GPA must be maintained in order to perform.

STAGECRAFT**Grades 9-12**

Prerequisite: None

Fulfills the practical arts requirement for graduation as well as the UC/CSU Fine arts requirement.

Explores the planning and execution of scenic elements for the stage including design, construction, painting, rigging, methods of shifting scenery, handling scenery and handling properties. Sound and lighting elements will also be explored. Students will be working with power tools and will be instructed on appropriate safety procedures. Students from this class will be the running crews for Saugus High School Performing Arts productions.

THEATER ARTS IA/B (Beginning Theater)**Grades 9-12**

Prerequisite: None

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This course introduces students to the field of Theater Arts. It will focus on developing students' creative abilities and talents in acting as well as giving them an inside perspective on the theater. A variety of methods will be used to help students gain confidence in front of an audience including improvisation, monologues, and scenes with other actors. This course meets the A-G Requirement for Fine Arts and is open to all levels of experience.

THEATER ARTS II A/B (Advanced Theater)**Grades 10-12**

Prerequisite: Audition and signature of the instructor.

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

Students will continue to gain exposure to the art of theatre, including the aesthetic principles, the literature, and advanced acting techniques. Students will participate in all aspects of production for a children's theatre touring company scheduled to perform for local elementary schools and the community. Competition pieces and college audition monologues will also be studied and prepared.

THEATER ARTS IIIA/B (Production Class)**Grades 10-12**

Prerequisite: Audition and signature of the instructor.

Fulfills the fine arts requirement for graduation as well as the UC/CSU Fine arts requirement.

This is a specialized course, which allows students to participate in two major plays a year and experience the entire production process, from casting to curtain call.

VIDEO PRODUCTION I A/B**Grades 9-12**

Prerequisite: A grade of "C" or better to go on to IB.

Fulfills either the fine arts or practical arts requirement for graduation. UC/CSU Fine Arts approved.

Introduction to Video Production 1A is an introductory elective course that offers students a survey in film theory and practice with a majority of the coursework dedicated to hands on experience. Students will shoot video on digital cameras and edit with Apple workstations using digital editing software (e.g. Apple's Final Cut Pro 6 suite of software). This course will emphasize the important role of mass media in society. The students will be able to use the knowledge gained in this course to produce effective videos/films in and out of an educational setting. Emphasis will be placed on producing videos from start (pre visualization) to finish (post production), and will give students the invaluable experience of working productively in a group setting.

VIDEO PRODUCTION II A/B**Grades 10-12**

Prerequisite: A grade of "C" or better to go on to IA/IB and instructor approval

Fulfills either the fine arts or practical arts requirement for graduation.

Video Production IIA and IIB are upper division elective courses designed for motivated students who wish to improve their skills as a film maker and learn how to better express their idea through the visual arts. Special emphasis will be placed on techniques and fine skills in cinematography, editing, and lighting. Like the previous course (1A/1B), this course will be hands on but will offer students experience with high end equipment and will expect the results to be much more polished than what was expected in the previous course. This course will continue to expose students to Apple Final Cut suite of editing software with special attention paid to the nuances of film (e.g. cutting for dialog, camera control, soundtrack management) while always striving to effectively tell a story. The purpose of the course is to teach students how to effectively express him/her self through the medium of film and to appreciate films that are good examples of these skills.

WOMEN'S CHAMBER ENSEMBLE**Grades 10-12**

Prerequisite: A vocal audition is required.

This is an intermediate level class for ladies. Previous choral experience is preferred and students must audition for the Director. Students may enter the class at the beginning of the school year or at the semester. Music of various genres, languages and periods in history will be performed. Emphasis is on vocal development and style with focus on proper vocal production, breathing and posture. Music theory will be included in the curriculum. Students perform standard, classical repertoire as well as pop music and modern art songs. Students perform at concerts, festivals and in the community. The ladies go on tour in the spring. A concert dress is required for the class. A 2.0 GPA must be maintained in order to perform. Completion of this course fulfills the UC/CSU Fine Arts requirements.

YEARBOOK**Grades 9-12**

Prerequisite: Yearbook application process.

Fulfills either the fine arts or practical arts requirement for graduation.

This class is responsible for the publication of the school yearbook. Students enrolling are expected to develop proficiency in skills such as copy writing, design, layout, and public relations. Each student is fully responsible for a portion of the yearbook. An ability to write and spell is required. Students must spend time outside of class working on all phases of yearbook production, including the sale of ads. Experienced photographers are also needed. They must be able to take pictures, develop film, and produce good quality glossy photos.

INDUSTRIAL ARTS

AUTO 1A/B

Grades 9-12

An introductory course consisting of classroom and shop instruction and experience in which the student will learn to identify, locate and describe the operation of components comprising the engine, power train, brakes, frame suspension and accessories. Minor repairs and preventive maintenance will be performed by students through the proper use of tools and equipment in accordance with good safety practices. This is a non-traditional classroom environment, best for mature students that can work independently or in small groups and possess self-control.

AUTO 2A/B

Grades 9-12

Students will continue their learning of engine components and how they work and how to diagnose common problems associated vehicle use. Minor repairs and preventive maintenance will be performed by students through the proper use of tools and equipment in accordance with good safety practices. This is a non-traditional classroom environment, best for mature students that can work independently or in small groups and possess self-control.

CARPENTRY 1A

Grades 9-12

There is an option to learn Carpentry Fundamentals. Students will build scale models and frame some full sized models of residential construction.

CARPENTRY 1B

Grades 9-12

Prerequisite: A grade of "C" or better in Wood 1A or permission of the instructor

Students will build a "stick" model of a small building using methods for residential construction. Students will also demonstrate construction trade skills on a full sized model. Skills in productivity and good safety practices will be taught daily.

DRAFTING

Grades 9-12

Prerequisite: for 1A – A strong Math background is recommended

Prerequisite: for 1B – A grade of "C" or better in 1A and the permission of the instructor.

In Drafting I student learn the concepts of engineering and design. The course work entails sketching with pencils and the use of the Inventor software for CADD. In Drafting IA the fundamentals of drafting are stressed; such as dimensioning and drawing placement. Drafting 1B stresses the design process and the incorporation of the skills learned in the first semester.

DRAFTING II, III, IV

Grades 10-12

Prerequisite: A grade of "C" or better in IA/B and the permission of the instructor.

These classes focus in on the student's individual desire to explore architectural drafting and design or advanced mechanical drafting and design. Architectural Students learn through the use of the Revit:

Building Information Management software program. Those students pursuing a desire to learn engineering will continue to use Inventor.

GRAPHIC ARTS I A/B

Grades 9-12

Prerequisites: For IB - A grade of "C" or better in Graphic Arts IA or permission of the instructor.

This class should really be called "Graphic Design". The students learn the process of designing Tee-shirts through the use of the elements and principles of design. The artwork is produced on the computer using Photo Shop, Illustrator, and InDesign. This class emphasizes the use of spot colors and traps.

GRAPHIC ARTS II A/B

Grades 10-12

Prerequisites: For IIA - A grade of "C" or better in Graphic Arts I A/B or the permission of the instructor. Prerequisite: For IIB - A grade of "C" or better in IIA and the permission of the instructor.

This class continues the exploration of the design process through the production of artwork for Tee-shirts. Again the artwork is produced on the computer. The use of Illustrator software is emphasized. The production of process color shirts is the focus of this class.

MOVIE MAKING IA/IB

Grades 11-12

Prerequisite: Video IA/IB, IIA/IIB and teacher approval.

This course will provide students with the skills and technical knowledge necessary to produce a thirty-minute short film. Students will go through every aspect of movie production from development, pre-production, production, post production, and promoting activities. Students will be working in class as well as on location, and are expected to be available for travel around the Santa Clarita valley. This course is repeatable for up to 20 credits (i.e. a student may take IA and IB in their junior year and IIA and IIB in their senior year).

MOVIE MAKING IIA/IIB

Grades 12

Prerequisite: Video IA/IB, IIA/IIB, Movie Making IA/IB and teacher approval.

This course will provide students with the skills and technical knowledge necessary to produce a thirty-minute short film. Students will go through every aspect of movie production from development, pre-production, production, post production, and promoting activities. Students will be working in class as well as on location, and are expected to be available for travel around the Santa Clarita Valley.

TV PRODUCTION – NEWS BROADCAST

Grades 9-12

Prerequisite: Completion of Video Production IA with a "B" or better and permission from the instructor. This course counts as a practical art.

This class will be responsible for producing a daily morning announcement news show that will be seen by the Saugus High School community. Television production is a time sensitive activity and demands a working knowledge start-of-the-art electronics. It also requires that each student work in a cooperative environment and show leadership skills in managing personalities and talents of all students while working on our production. This course is an introduction to television studio and field production. The course will acquaint you with the technical and aesthetic concepts involved in successful studio and field production. You will develop your skills by writing, filming, and editing an actual daily news program as well as production of informational public service announcements (clips or PSA's).

VIDEO PRODUCTION I A/B

Grades 9-12

Prerequisite: A grade of "C" or better to go on to IB.

Fulfills either the fine arts or practical arts requirement for graduation. UC/CSU Fine Arts approved.

Introduction to Video Production 1A is an introductory elective course that offers students a survey in film theory and practice with a majority of the coursework dedicated to hands on experience. Students

will shoot video on digital cameras and edit with Apple workstations using digital editing software (e.g. Apple's Final Cut Pro 6 suite of software). This course will emphasize the important role of mass media in society. The students will be able to use the knowledge gained in this course to produce effective videos/films in and out of an educational setting. Emphasis will be placed on producing videos from start (pre visualization) to finish (post production), and will give students the invaluable experience of working productively in a group setting.

VIDEO PRODUCTION II A/B

Grades 10-12

Prerequisite: A grade of "C" or better to go on to IA/IB and instructor approval

Fulfills either the fine arts or practical arts requirement for graduation.

Video Production IIA and IIB are upper division elective courses designed for motivated students who wish to improve their skills as a film maker and learn how to better express their idea through the visual arts. Special emphasis will be placed on techniques and fine skills in cinematography, editing, and lighting. Like the previous course (1A/1B), this course will be hands on but will offer students experience with high end equipment and will expect the results to be much more polished than what was expected in the previous course. This course will continue to expose students to Apple Final Cut suite of editing software with special attention paid to the nuances of film (e.g. cutting for dialog, camera control, soundtrack management) while always striving to effectively tell a story. The purpose of the course is to teach students how to effectively express themselves through the medium of film and to appreciate films that are good examples of these skills.

VIDEO PRODUCTION IS (INDEPENDENT STUDY)

Grades 11-12

Prerequisite: Approval of the instructor must be granted prior to the student registering for this course.

This level of video production gives the students several avenues of choice. Some may wish to become lab assistants, giving help to students enrolled in the regular Video I or II courses. To do this, the students will have to display an ability to handle both the video equipment in the lab and the temperaments of their peers. This co-operative learning environment is a perfect setting for those students who plan to continue into the industry of video production. Other avenues which the students may pursue include video journalism, porta-cam operator, video equipment servicing and repair, effects video editor, and directing/producing video programs. Because of the "daily" demands, which will be placed on the independent study video student, regular attendance will be extremely important and will have significant value in the student's final grade.

WOOD 1A – Introduction to Woodworking

Grades 9-12

Students will build their first project using woodworking hand tools. Students will learn basic woodworking processes and how to use the hand tools safely and efficiently. Students will also learn how to use portable and stationary machines safely and efficiently. To accomplish this, students will build projects to take home. Emphasis will be placed on safety, craftsmanship, planning, design and work ethic. Students will demonstrate the ability to measure, read plans and build their last project using machine woodworking tools. This is a non-traditional classroom environment, best for mature students that can work independently or in small groups and possess self-control.

WOOD 1B – Introduction to Furniture

Grades 10-12

Prerequisite: A grade of "C" or better in Wood 1A and permission of the instructor

Students will continue and expand their machine woodworking skills. Students will continue to develop planning and design skills by designing scale working drawings for their machine woodworking projects. Students will be required to build a small cabinet or table. Projects should have multiple

components, such as doors and drawers. Emphasis will be placed on safety, craftsmanship, planning, design and work ethic. This is a non-traditional classroom environment, best for mature students that can work independently or in small groups and possess self-control. The pace for this class is faster and expectations higher than in the Wood 1A class.

WOODWORKING

Grades 9-12

Students will build a variety of projects with hand tools and woodworking machines. There is a suggested shop fee to cover expenses for materials each semester. Students can also bring in their own materials equivalent to the suggested fee.

WOODWORKING, INTERMEDIATE – Cabinet and Millwork (Formerly Wood 2A/B)

Grades 10-12

Prerequisite: A grade of "C" or better in Wood 1B or permission of the instructor.

Students will continue and expand their machine woodworking skills. Students will develop scale working drawings for their machine woodworking projects. Students will design project appropriate to their skill level. Projects should have multiple components, such as doors and drawers. The use of jigs and fixtures will be introduced as well as concepts of mass production. Emphasis will be placed on safety, craftsmanship, planning, design and work ethic. This is a non-traditional classroom environment, best for mature students that can work independently or in small groups, possess self-control and are self motivated.

WORKWORKING, ADVANCED – Production Woodworking (Formerly Wood 3A/B)

Grades 11-12

Prerequisite: A grade of "C" or better in Wood 2B and permission of the instructor.

Students will continue and expand their machine and hand woodworking skills. Students will develop scale working drawings for their machine woodworking projects. Students will design projects appropriate to their skill level. Projects should have multiple components, such as doors and drawers. Emphasis will be on raised panel doors and panel construction in cabinet case construction. The use of jigs and fixtures will be continued as well as mass production of parts. Emphasis will be placed on safety, craftsmanship, planning, design, production techniques and work ethic. This is a non-traditional classroom environment, best for mature students that can work independently or in small groups, possess self-control and are self-motivated.

MATHEMATICS

A “C-” grade or better is required in order to continue to the next semester in each course.

ALGEBRA 1A/B

Grades 9-12

Prerequisite: Recommendation of junior high instructor.

Algebra 1A/B is two-semester course utilizing a formal approach to the development of algebraic skills and concepts. These skills are necessary for students who plan to continue in other advanced college-preparatory course. The class is taught in accordance to the California Standards. Concepts of directed numbers, sets, linear equations and inequality solving and word problem solving are expected to be mastered. Additional concepts will include graphing, systems of equations, quadratic equation solving, algebraic fractions, and word problems. Completing the Algebra 1A/B sequence fulfills the algebra requirements for graduation. *Meets the UC algebra requirement*

ALGEBRA FINANCIAL WITH TECHNOLOGY A

Grades 9-12

Prerequisite: None. Preferred but not required, previous computer or business course.

Can fulfill one semester of math or practical art for graduation. UC/CSU approved college prep elective.

Algebra Financial prepares students for today's jobs by incorporating math concepts using two approaches. One approach is to teach the concepts using the traditional method of calculating. The second approach is to teach those same concepts showing how Excel would make the calculations. Students will create formulas and use Excel's powerful application tool, functions, and develop a high level of math skill.

Topics discussed are listed below:

- Basic Math Functions
- Fractions
- Percent
- Bank Services
- Payroll
- Taxes and Insurance
- Purchasing Merchandise
- Markup and Markdown

GEOMETRY I A/B

Grades 9-12

9th grade placement: No less than a 'B' grade in 8th grade algebra.

10-12 grade placement: No less than a 'C' grade in algebra 1A/1B.

This math elective course covers the basic concepts of two and three-dimensional geometry, inductive and deductive reasoning, formal logic, and proof are stressed in the development. Number and algebraic concepts are used extensively throughout the course by exposure to problem-solving skills and processes. An understanding of postulates, theorems, and definitions will be interwoven through all strands of the course. *. Geometry 1A/B meets UC geometry requirements.*

GEOMETRY I A/B HONORS

Grades 9-12

9th grade placement: Minimum 3.5 GPA in algebra 1A/1B in 8th grade. No 'C' grades.

10-12 grade placement: Minimum 4.0 GPA in algebra 1A/1B.

This course covers the same *topics* as Geometry 1A/B except that the pace is accelerated and the topics are covered in greater depth.

ALGEBRA IIA/B

Grades 11-12

11-12 grade placement: C's or better in geometry 1A/1B.

This is an elective course in mathematics expanding on the mathematical content of Algebra 1AB. This course teaches to the California standards including linear, quadratic and polynomial functions, logarithmic and exponential functions, inequalities, conics, complex numbers, sequence and series and the Fundamental Counting Principle. Emphasis shall be placed on abstract thinking skills, the function concept, and the algebraic solution of problems in various content areas.

ALGEBRA 2/TRIGONOMETRY

Grades 9-12

9th grade placement: All A and B grades with the possibility of 1 C grade in 8th grade geometry.

10 grade placement: C's or better in geometry 1A/1B

11-12 grade placement: B's or better in geometry 1A/1B

Algebra II/Trigonometry teaches sequences, radicals, quadratic equations, polynomial functions, exponential and logarithmic functions, trigonometry, matrices and determinants. The topics of trigonometry will be an introduction to trig functions and circular functions. Radian measure, the law of sines and the law of cosines. The pace is accelerated and the topics are covered in greater depth. The use of a graphing calculator will be incorporated into the topics.

ALGEBRA II/TRIGONOMETRY A/B HONORS

Grades 9-12

9th grade placement: Minimum 3.5 GPA in algebra and geometry in junior high. No 'C' grades.

10-12 grade placement: No less than B grades in H geometry or all A grades in geometry and teacher recommendation.

This course covers the same topics as Algebra IIA/B and the additional topic of trigonometry. The pace is accelerated and the topics are covered in greater depth. The use of a graphing calculator will be incorporated into the topics.

ELEMENTARY STATISTICS

Grades 10-12

Prerequisites: 2.0 GPA or better in Algebra IIA/B, Geometry A/B and recommendation of previous instructor.

This is a one-semester 5 credit course introducing students to statistics. Students will analyze and learn to use description statistics, probability, discrete probability, distributions and normal probability distributions.

AP STATISTICS

Grades 11-12

Prerequisites: Completion of Algebra II or Pre-Calculus and instructor recommendation.

This is a one-year course in introductory probability and statistics. Students will learn procedures for collecting, organizing and analyzing data. Use of graphing calculators and computers will be required. This course prepares the student to take the Advanced Placement Statistics examination for college credit.

TRIGONOMETRY**Grades 10-12**

Prerequisite: 2.0 or better in Algebra II A/B, Algebra II Trig A/B or Algebra II Trig Honors A/B and 2.0 GPA in Geometry I A/B.

This one-semester 5 credit course is an elective. Trigonometry is a comprehensive study of trigonometric functions with emphasis on application. Topics include circular functions and their graphs, polar coordinates, trigonometric identities and formulas, triangle trigonometry, Law of Sines and Law of Cosines.

PRE-CALCULUS A/B**Grades 11-12**

*Prerequisites: 3.0 GPA or better in Algebra II A/B **and** 2.0 GPA in Geometry **or** 2.0 GPA in Algebra II Trig A/B, Honors A/B and the recommendation of the previous instructor.*

This course provides a strong preparation for college courses in calculus and abstract algebra. It includes polynomials, functions, inequalities, exponents, logarithms, trigonometry, polar coordinates, complex numbers, vectors, determinants, sequences and series, matrices, probability, and graphing calculator.

PRE-CALCULUS HONORS A/B**Grades 10-12**

Prerequisites: 2.0 GPA in Algebra II Trig Honors A/B or 4.0 GPA in Algebra II and 3.0 GPA in Trigonometry and permission of the instructor.

This course will cover the topics of the Pre-Calculus A/B course plus the additional topics of Limits and Derivatives from the Calculus AB course. Upon completion of this course, students should be ready for AP Calculus BC. Students will pursue the Pre-Calculus concepts at a faster pace to a greater depth, and devote more time to theory than the regular program.

AP CALCULUS AB A/B**Grades 11-12**

Prerequisites: 2.0 GPA or better in Pre-Calculus A/B or Pre-Calculus Honors A/B, permission of the instructor and intent to take the Advanced Placement Calculus AP examination.

Course content will be that suggested by the College Board for the Calculus A/B course plus additional topics. The AP examination is a required part of this course. This course material is equivalent to Calculus I at the college level.

AP CALCULUS BC A/B**Grades 11-12**

Prerequisites: 2.0 GPA in Pre-Calculus Honors A/B, permission of the instructor and intent to take the Advanced Placement Calculus examination.

AP Calculus BC is a college level calculus course. It is equivalent to two quarters or semesters of college level Calculus. Students will study the limit concept and develop the theory and skills of the derivatives and integrals. Curve sketching, extreme value problems, areas and volume problems are also covered topics. A major emphasis is placed on problem solving. A graphing calculator is used extensively. Included also is a study of series, polar and parametric equations. This course requires at least an hour of outside work each day: a demanding schedule, but one equivalent to that of a college freshman. Students who pass the AP examination could earn college credit for this course. This course material is equivalent to Calculus I and II at the college level.

PHYSICAL EDUCATION

PE 9

Grade 9

PE 9 is a class designed for 9th grade students, introducing them to various components of physical fitness through classroom and exercise activities. Students will participate in lecture as well as practical applications of exercise concepts, maintain an exercise journal, and participate in a variety of activity units that meet California State Physical Fitness Tests during both the fall and spring semesters and have their spring scores reported for evaluation as required by the State of California. Ninth graders must be in pe, sport, or marching band both semesters of ninth grade.

AEROBICS

Grades 10-12 or with permission

This class is a Physical Education elective that is a balanced combination of rigorous and low to medium impact workouts including stretching, warm up, energetic cardiovascular movements, total body workout and a cool down. This class is designed for those who are serious about wanting to stay in shape, firm up their bodies, or lose weight.

BODY CONDITIONING

Grades 10-12 or by special permission

Body conditioning is a one semester Physical Education elective class for the student who is serious about exercise and physical conditioning. Weight lifting techniques, suspension training, core work outs and cardiovascular conditioning are used for muscle development, physical fitness, and to decrease excess body weight. Students plan and implement a balanced work out regimen and maintain an Exercise Journal as part of the course requirement.

GENERAL PE

Grades 9 - 12

This course is a four semester rotation of units in which students will participate in a variety of activities designed to meet the California State Standards for Physical Education while meeting the graduation requirement of completing four semesters of Physical Education. Team sports, individual and dual sports, the mechanics of movement, and the effects of exercise on the body will be addressed over a four semester period. Classes are fitness-based and students will participate in activities designed to improve flexibility, cardiovascular fitness, muscular strength and endurance, and body composition.

INTERSCHOLASTIC SPORTS

Grades 9-12

Wm. S. Hart School District provides interscholastic sports in both the fall and spring semester. Open to all members of the student body who have passed a minimum of 20 credits with an overall GPA of 2.0 or better the previous semester. Interscholastic sports offered are:

Fall: Football, Cross Country, Girls' Volleyball, Girls' Tennis, Girls' Golf

Winter: Boys' Basketball, Girls' Basketball, Boys' Soccer, Girls' Soccer

Spring: Baseball, Softball, Boys' Volleyball, Boys' Tennis, Track and field, Boys' Golf, Swim.

FLAGS/BANNERS

Grades 9-12

Prerequisite: Selected by a panel of judges (May of prior year).

Meets the Physical Education requirement for graduation

Tall Flags Class provides an opportunity to participate in different activities involving tall flags. These activities first semester include: marching field shows, half-time football shows, parades and rallies. Second semester includes: tall flag competitions, rallies, concerts and other band related activities. Flag Team activities interact with the Saugus High Band as a total unit.

CHEERLEADING

Grades 9-12

Prerequisite: Selected by a panel of judges. Meets the Physical Education requirement for graduation.

The Pep Squad consists of Varsity Song leaders, JV and Frosh Cheerleaders and Yell leaders. Summer school and cheer camp required. Students will learn routines, organize rallies, and design posters to support all interscholastic athletic teams.

DANCE PRODUCTION A and B

Grades 9-12

Prerequisite: Selected by a panel of judges. Meets the Physical Education requirement for graduation and fine arts for graduation.

The dance team is a precision oriented ensemble that uses dance moves and original choreography and visually interprets musical selections. Participation in rehearsals and performance is mandatory and considered to be part of the course requirements.

SCIENCE

ANATOMY AND PHYSIOLOGY

Grades 11-12

Prerequisite: Biology and Chemistry, or consent of instructor.

Can fulfill the biological science requirement for graduation.

This course is designed for those students planning on attending a four-year university directly out of high school. The emphasis is on human physiological processes, and the maintenance of homeostatic mechanisms. Activities include laboratory investigating and dissections, lectures, and diagram IDs.

ANATOMY AND PHYSIOLOGY HONORS

Grades 11-12

Prerequisites: Completion of Biology and Chemistry with a grade of "B" or with instructor permission.

This two semester laboratory-based class is designed to prepare students interested in the pre-medical or high-level science fields. This course utilizes a college-level textbook and laboratory manual to emphasize the structure and function of the human body. Laboratories will include identification, experimentation and dissections.

ANIMAL VERTEBRATE BIOLOGY

Grades 10-12

Prerequisite: Completion of two years of high school science.

Can fulfill a biological science requirement for graduation.

This one-year course (A/B) will explore the anatomy, physiology, ecology, and evolution of vertebrate animals. A comparative approach will provide students with an appreciation of vertebrate animals in preparation for fields in veterinary medicine, animal husbandry, zoo keeping among others. This lab-based class will provide students hands-on experience working with living and preserved vertebrate animals and animal ecology.

BEGINNING SPORTS MEDICINE A/B

Grades 9-12

Can fulfill the practical art requirement for graduation.

Sports Medicine is a one year course designed for students who are interested in fields such as athletic training, physical therapy, medicine, fitness, psychology of exercise, kinesiology, nutrition, and other related fields. The course has both classroom and lab components. In this course, students will focus on recognition of care, prevention, and pre-preliminary rehabilitation of athletic injuries. The course includes classwork, hands-on application, and observation in prevention, treatment, and rehabilitation of sports injuries, taping and wrapping of injuries, first aid/CPR emergency programs, and sports medicine careers. The second semester emphasizes specific body sections for anatomy, physiology of common injuries, along with specific taping of injuries.

BIOLOGY 2A/2B

Grade 9

One-year, basic college preparatory course designed to provide high school students a background with the concepts in the field of biological sciences. Topics to be covered are laboratory skills, cell biology,

genetics, evolution, ecology and human physiology. Attention is given to the important principles that provide a basis for understanding living organisms and their relationship to the environment.

BIOLOGY A/B

Grade 9

Prerequisite: Completion of Math 8 with a grade of B or higher and recommendation of 8th grade science teacher.

One-year, college preparatory course designed to go above the basic concepts of biology. The course covers the same topics as Biology 2A/2B beginning with a molecular level and uses this approach as the thread that informs and unites concepts in the course.

BIOLOGY HONORS A/B

Grade 9

Prerequisite: Concurrent enrollment in Geometry or Geometry Honors, concurrent enrollment in English 9 Honors and recommendation of 8th grade science teacher.

One-year, advanced college preparatory course that covers the same material as Biology A/B but involves even greater depth and independent study of material covered.

BIOLOGY AP A/B

Grades 9-12

Prerequisite: Satisfactory completion of Biology A/B and Chemistry classes with a grade of “B” or higher. For 9th grades, concurrent enrollment in Alg II/Trig Honors or higher and 8th grade teacher’s recommendation.

AP Biology is an introductory college-level course in biology designed for highly motivated and intellectually promising students. Emphasis will be placed on preparation for the AP Examination in May. For purpose of study, AP Biology is divided into four big ideas: evolution; cellular processes – energy and communication; genetics and information transfer; and interactions. It is expected that all students will take in the AP Exam.

CHEMISTRY A/B

Grades 10-12

Prerequisite: Satisfactory completion of Algebra I.

Chemistry is the science of dealing with the structure and composition of materials and the changes in composition that materials undergo. Problem solving and laboratory experiences are the main activities.

CHEMISTRY HONORS A/B

Grades 10-12

Prerequisite: Successful completion of Honors Biology with a “B” or better or Biology I with an “A” and concurrent enrollment in the third level of college-prep math.

This course is designed for students who have made a definite commitment to attend college and desire a more thorough introduction to chemistry. A goal of the class is to help students develop a sound method of problem solving.

CHEMISTRY AP A/B

Grades 10-12

Prerequisite: Completion of Algebra II and Geometry and successful completion of Biology and Chemistry with a grade of “B” or higher or instructor permission.

This Advanced Placement class will cover more material than the Chemistry A/B class, and will require greater independent study from the student. The areas of study include Structure of Matter, States of Matter, Reactions, and Descriptive Chemistry. It is expected that students will take the AP exam.

EARTH SCIENCE 2A/B

Grade 10

This two semester class is designed to provide 10th grade students with the basic concepts of Earth Science. This course will focus on areas of the Earth's changing surface, history, air and water and astronomy. Course content will be taught through written and laboratory activities. *Completion of this course fulfills the physical science graduation requirement.*

AP ENVIRONMENTAL SCIENCE

Grades 11-12

Prerequisite: Completion of two years of high school science.

Can fulfill a biological or physical science requirement for graduation.

This is a one-year college-prep laboratory science course to prepare students to take the AP Environmental Science exam. It is designed be the equivalent of a one-semester introductory college course in environmental science and incorporates many scientific disciplines such as biology, geology, environmental science, environmental action, chemistry and geography. Students will participate in laboratory experiments, field work, data collection and study environmental issues in order to understand the interrelationships of the natural world, identify and analyze environmental problems both natural and man-made, evaluate the relative risks associated with those problems, and examine alternative solutions for resolving and/or preventing them. The topics include: science is a process, energy conversions in ecological processes, the earth as an interconnected system, humans altering natural systems, environmental problems with a cultural and social context, and human survival that depends upon developing practices that will achieve sustainable systems.

FORENSICS A/B

Grades 11-12

In forensic science, students combine basic scientific concepts critical thinking skills and technology to solve crimes. We start the year by learning how the brain works and developing problem solving skills. We will then learn to process a crime scene and collect physical evidence. Forensic science provides hands-on experience solving realistic crime scene scenarios using actual forensic techniques. (i.e. finger printing, hairs and fibers, crime scene photography, blood spatter, DNA, and entomology) Throughout the year you will participate in demos, activities, labs and case studies that offer an in-depth realistic look at forensic science. The year culminates with the creation and analysis of a complex crime scene.

MARINE STUDIES A/B

Grades 11 -12

Prerequisite: Completion of two years of high school science.

Can fulfill one semester of physical science (A) and one of biological science (B) for graduation.

The first semester of this course covers oceanography, the physical parts of the ocean. These topics include waves, tides, currents, plate techtonics, underwater volcanoes, ocean exploration, ocean water physics and chemistry. The second semester covers Marine Biology, the life in the ocean. Topics include plankton, kelp, invertebrates (sea stars, sponges, clams etc.), sea birds, sea mammals and fishes. The course consists of lecture, labs, activities, and ocean films. *Fulfills the "D" lab science requirement for the UC/CSU schools.*

PHYSICS A/B

Grades 11-12

Prerequisites: Completion of one year of high school science and "C" grade or better in Algebra and Geometry.

Physics is a science course for the advanced, college bound student. The main emphasis of the course is on motion, thermodynamics, wave theories of sound and light, electromagnetism and nuclear physics. The lecture material is reinforced by demonstrations and practice solving equations. Other activities such as reading special articles and hands-on experience with a microcomputer may also occur during the course.

PHYSICS AP A/B

Grades 11-12

Prerequisite: Concurrent enrollment in Honor Algebra II/Trig A/B or higher mathematics class or teacher recommendation.

This is a one-year college level course that provides a broad yet rigorous introduction to physics for those students whose mathematical preparation includes algebra and trigonometry - no calculus is needed. The main areas of study include: mechanics, thermodynamics, electricity, magnetism, waves, optics, and modern physics. The students will complete many experiments, and there will be many demonstrations. It is expected that the students will take the AP exam in May.

SOCIAL STUDIES

AMERICAN GOVERNMENT (AP)

Grade 12

This course satisfies the government requirement for graduation.

Advanced Placement U.S. Government and Politics will provide students an intellectual foundation for observing, analyzing, and understanding national politics in the United States. Using primary and secondary source documents, as well as analysis of specific examples, students will examine and evaluate the institutions of American government, political parties and elections, mass media, political behavior, public policies, and the development of individual rights and liberties and their impact on citizens. The content of this course is the equivalent to an introductory college course in U.S. government and politics.

AMERICAN GOVERNMENT

Grade 12

This course satisfies the government requirement for graduation.

The basic purpose of the course is to help equip students to be productive and effective members of society. The study gives the student a knowledge and understanding of the purposes, organization, and functioning of American government. The content of the course emphasizes how the government has developed, how it is structured, and a comparison with forms of government in other nations. Topics covered are: political party structure, voting and civil rights, federalism, and government institutions.

CONTEMPORARY AMERICAN PROBLEMS

Grades 9 -12

This is a one semester course. Course content includes a study of critical thinking (including propaganda techniques, logical fallacies, problem solving methods, and value analysis) and a flexible content area based in part on current American problems and issues (including civil rights, poverty, economics, population, pollution, foreign policy, crime, national security, healthcare, education, etc.).

ECONOMICS and HONORS ECONOMICS

Grade 12

These courses satisfy the economics requirement for graduation.

Economics is the study of how limited resources are used to satisfy wants. Economists study how the goods and services demanded get produced and how they are distributed. This course includes the study of personal (consumer) economics.

*Honors Economics is specifically college preparatory emphasizing the concepts of macro and microeconomics using the U.S. economy as a model. Additional topics include: macroeconomic measurements, fiscal policy and monetary policy.

AP EUROPEAN HISTORY A/B

Grade 10

This course satisfies the modern civilizations requirement for graduation.

This intensive course is designed to prepare students for the AP exam. It is expected that students will take the AP exam. This course fulfills the state/district requirement for a modern world history course, replacing the standard Modern Civilizations class. The course material requires an ability to read, write and think at a level expected of college freshmen. The focus of the class is Europe, 1450 AD to the present.

AP HUMAN GEOGRAPHY

Grades 9-12

This course allows students to discover the spatial relationships between people, events, and countries in historical and present times. Students will develop and use cartographic skills, map reading, and interpretation of graphs. Current issues of boundary disputes, stateless nations, supranational organizations, and international economics are seen from the geographic point of view. In depth study of language, religion, culture, population growth and structure, and environmental sustainability are all covered throughout the course. Students will prepare for the AP human Geography test given each May.

MODERN CIVILIZATIONS A/B

Grade 10

This course satisfies the modern civilizations requirement for graduation.

Modern Civilizations offers an in-depth study of selected civilizations chosen from the Western and non-Western worlds. The course begins in the ancient period tracing the roots of democracy and concludes in the present day with the study of the lasting impact of imperialism and the Cold War throughout the world. Emphasis is given to the study of European culture in the modern period because of its significance to the intellectual, political, and social development of the United States. It is also important for students to study cultures other than European in order for them to perceive the world as an interdependent community made up of cultures that have similarities and differences. The course provides opportunities to compare and contrast Western and non-Western cultures in terms of philosophies, ethical systems, law, languages, literature, religions and the arts. It enables students to become knowledgeable about the historical events that have had an impact on the development of particular cultures and awareness of the contributions of various people.

PSYCHOLOGY

Grades 11-12 (or instructor approval)

This course is an introduction to the general field of psychology. Its purpose is to provide the student with a basic understanding of the principles and dynamics of behaving; reasons for different types of behavior (motivation); the interrelation of heredity and environment; and the processes of development and maturing, perception and learning, thinking and intelligence. NOTE: Psychology is not a class in personal adjustment. May be taken to fulfill a UC/CSU elective requirement.

SOCIOLOGY

Grades 11-12 (or instructor approval)

Sociology is the scientific study of people in groups and how they interact and form relationships in their environment. Topics studied include the socialization process, roles and status, and current developments in American society. May be taken to fulfill a UC/CSU elective requirement.

U.S. HISTORY A/B

Grade 11

The year begins with a review of two themes: the Nation's constitutional framework dividing power between the states and the federal government, and the industrial transformation of the new nation. Students then examine major turning points in American history in the twentieth century. Emphasis is given to the expanding role of the federal government and issues between minority rights and majority power; the emergence of a modern corporate economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights

for racial minorities and women; and the role of the United States as a major world power. Examination of American culture, education, and the mass media is included in each unit.

U.S. HISTORY AP (or A.P. U.S. HISTORY teamed with AP ENGLISH LANGUAGE) Grade 11

These courses satisfy the United States history requirement for graduation.

Advanced Placement U.S. History is a two-semester course preparing students for the mid-May AP American History test. It is expected that students will take the AP exam. Enrollment is open to highly motivated juniors who are interested in a rigorous and rich exploration of American history. Activities include extensive reading, lectures, discussion, research papers, essays, audiovisual presentations, simulations, and other activities to develop critical thinking skills. Those who pass the AP test receive college level credit acceptable at many colleges and universities. The class will also provide honors level high school credit and meets the U.S. History graduation requirement. Students will need to pick up a textbook and the summer reading assignments at the end of their sophomore year.

AP WORLD HISTORY

Grade 12

This course is focused on developing a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Focused primarily on the past thousand years, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 1000 C.E. The course is divided into chronological periods: 8000 B.C.E. - 600 B.C.E., 600 B.C.E. - 600 C.E., 600 C.E. - 1450 C.E., 1450 C.E. - 1750 C.E., 1750 C.E. - 1900 C.E., and 1900 C.E. - Present.

WORLD GEOGRAPHY

Grades 9-12

Students will learn about all aspects of geography including some elementary physical elements, extensive cultural features of major areas of the world and the use of maps. The course will emphasize the interactions of man and the environment, both positive and negative. It will also show how geography affected major historical events of the past and how it affects current world problems.

SPORTS IN AMERICAN CULTURE

Grades 10 - 12

Sports History and American Culture is a one semester elective offered through the Social Studies Department. This course will cover the American history of sports from the discovery of America through contemporary times. Sports and their affect on cultures, ethnicity, and race will be covered as well. Individual sports history will be covered as well as present day topics regarding the world of sports and its direct effect on the United States.

SPECIAL EDUCATION

Classes are designed for students with an Individualized Education Plan (IEP). Most classes within the SPED are taught with a smaller teacher/student ratio to ensure more support with material. Basic classes are not A-G eligible and are therefore do not prepare students to enter a four-year college directly out of High School.

BASIC ALGEBRA A-D

Grades 9-12

These classes meet the district graduation requirement for Alg I. It breaks the traditional year long course into a four semester program. We use this pacing to increase focus and detail needed for students with disabilities to fully access the curriculum. Alg A/B will go through basic functions of concept in the curriculum. Alg C/D will focus on higher level functions within those same concepts.

BASIC MODERN CIVILIZATIONS

Grade 10

This course meets district graduation requirements for social studies and falls closely in line with the general education curriculum with some modifications to pacing. This course focuses on world history.

BASIC US HISTORY

Grade 11

This course meets district graduation requirements for social studies and falls closely in line with the general education curriculum with some modifications to pacing. This course focuses on the history of the United States.

BASIC GOVERNMENT AND ECONOMICS

Grade 12

This course meets district graduation requirements for social studies and falls closely in line with the general education curriculum with some modifications to pacing. These courses focus on civics, American government, and understanding economics.

BASIC BIOLOGY AND BASIC EARTH SCIENCE

Grades 9-12

These classes meet district graduation requirements for biological and physical science and fall closely in line with the general education curriculum with some modifications to pacing. Subjects of Biology and Earth Science are taught on alternating years.

BASIC ENGLISH**Grades 9-12**

These classes meet district graduation requirements for English and fall closely in line with the General Education curriculum with some modifications to pacing and skill development.

LEARNING STRATEGIES**Grades 9-12**

These classes meet district elective requirements for graduation. The course focuses on building organizational skills, supporting students with academic classes, and transitioning students out of high school. Students are expected to actively participate in gaining skills to succeed in school.

WORLD LANGUAGE**CHINESE I A/B****Grades 9-12**

Prerequisite for 9th only: Grade of “B” or better 8th grade regular English.

An introductory course centering on the sound system and the practical use of the Chinese language. Speaking, reading and writing of Chinese characters are introduced in the context of greetings, describing family, the classroom environment and daily routines, Traditional Chinese culture is presented as an integral part of the course.

CHINESE II A/B**Grades 9-12**

Prerequisite: Completion of Chinese I with a “C” grade or better.

A second year course centering on using Chinese in real life situations including shopping, going to a restaurant, asking for directions, seeing a doctor, going to school, hobbies etc. Course required for application to the China Exchange Program.

CHINESE III A/B**Grades 9-12**

Prerequisite: Completion of Chinese II with a “C” grade or better.

The third year course centering on using Chinese in real life situations, in addition to cultural topics including festivals, holiday vacations, and Chinese currency. Students enrolled in course may apply to the China Exchange Program with sister school in Xi'an, China.

CHINESE IV/AP CHINESE LANGUAGE AND CULTURE**Grades 9-12**

Prerequisite: Completion of Chinese III with a “C” grade or better.

The fourth year course concentrating on refining and further developing students' abilities in Chinese listening, speaking, reading and writing using both formal and informal language. This course also introduces students to Chinese literature and history. Text used includes excerpts from Confucius, Sun Tzu, and poetry from the Tang and Song Dynasties. Students enrolled in course may apply for the Chinese Exchange Program.

FRENCH I A/B**Grades 9-12**

Prerequisite for 9th only: Grade of “B” or better 8th grade regular English.

This class emphasizes learning to understand spoken French and to express oneself using simple vocabulary dealing with the family, home, clothing, food, weather and other subjects relating to daily life. Students will also explore the customs and life-styles of the French-speaking world.

FRENCH II A/B

Grades 9-12

Prerequisite: Completion of French I with a "C" grade or better.

In this class, listening and speaking skills are strengthened as reading and writing abilities continue to develop. A special emphasis is given to a more detailed study of the grammatical elements of French.

FRENCH III A/B

Grades 9-12

Prerequisite: Completion of French II with a "C" or better and/or teacher permission.

This course consists of practice in speaking, reading and writing French with increased emphases on reading of short stories, individual written expression and vocabulary building. At this level the student will truly begin to be comfortable speaking French!

FRENCH IV AP A/B

Grades 9-12

Prerequisite: Completion of French III with a "C" grade and/or teacher permission.

This course provides a review of what students have learned in earlier years of French study but within a thematic context. Students improve their comprehension, reading, speaking and writing competencies through a study of the media and writings of the French-speaking world. Students improve their ability to synthesize news ideas in French. Those enrolled in AP (rather than French IV) prepare for the AP test in French Language and Culture, and it is expected that they will take the exam.

SPANISH I A/B

Grades 9-12

Prerequisite for 9th only: Grade of "B" or better 8th grade regular English.

This beginning course relies heavily on an audio-lingual (hearing-speaking) approach.

The areas of emphasis are on an understanding of the spoken language, correct pronunciation and intonation, development of correct speech patterns, simple dialogues and narratives, reading and writing of Spanish already heard, and short dictations. Students will learn to tell the time of day and use time expressions, be able to identify classroom objects, be able to use simple vocabulary covering the family and home, clothing, food, and entertainment - all in Spanish!

SPANISH II A/B

Grades 9-12

Prerequisite: Completion of Spanish I with a "C" grade or better. Native Spanish speakers may test into with a score of 75% or better on the placement exam for heritage speakers.

Spanish II builds on the skills learned in Spanish I. There is additional emphasis on grammar and vocabulary acquisition.

SPANISH III A/B

Grades 9-12

Prerequisite: Completion of Spanish II with a "C" or better and/or teacher permission.

This course emphasizes reading, writing, vocabulary building, and further study of Spanish language structure. Students read cultural material, which is used as a basis for conversation and writing.

SPANISH IV AP A/B

Grades 9-12

Prerequisite: Completion of Spanish III with a "C" grade and/or teacher permission.

A thorough and systematic review of all grammar points taught in Spanish I-III concentrates on individual needs. Readings include Spanish literature, newspapers, and magazines. Listening and speaking skills will be improved. Advanced students in this class prepare for the Advanced Placement test and it is expected that the students will take the exam.

OTHER COURSES

ACADEMIC SEMINAR

Grades 10-12

Prerequisite: Enrollment is based on try-outs and instructor selection.

This is a two-semester class designed to prepare a team for the Los Angeles County Academic Decathlon, which is generally held in February. Capable 9th graders may be allowed into the class for the spring semester. Topics can include math, science, art, music, economics, social studies, literature, and a SuperQuiz. Additionally, students will write an essay, participate in an interview, and deliver a prepared speech and an impromptu speech. Students of **all grade point levels** are needed. This class meets daily and often at lunch, after school, and evenings.

ACADEMIC TUTOR

Grades 10-12

This is a work situation where the student assists an individual faculty member in the areas of ceramics, industrial arts, and lower level algebra courses.

Saugus High School REACH: Reaching Excellence At College Heights

Grades 9-12

REACH is a College Preparatory Program for students with a 2.5-3.5 GPA and a strong desire to attend a 4-year college or university. REACH is an approach to encouraging students in the academic middle to take achieve greater heights with rigorous courses while offering the support to be successful in those courses. REACH encourages acceleration over remediation. REACH provides tutorial assistance by college students, academic counseling, assistance for students in meeting UC/CSU admissions requirements, assistance in college search and selection, career exploration and awareness including guest speakers, and EAP/SAT/ACT Preparation. For further information please contact REACH Coordinator: Mrs. Hilstein in room Q-1715 for an application or informational brochure.

HEALTH FOR LIVING

Grades 9-12

This course satisfies the health requirement for graduation.

Health for Living is a comprehensive semester long Health course. The curriculum includes education in drugs, alcohol, tobacco, nutrition, physical fitness, mental health, diseases, male and female reproduction, and more.

LAB ASSISTANT (SCIENCE ONLY)

Grades 10-12

Prerequisite: Science teacher's permission.

Lab assistants will assist a science teacher with recording and filing papers, preparing chemical solutions, setting up demonstrations, correcting and filing tests, and supervising laboratory and the testing area.

LIBRARY SCIENCE I

Grades 9-12

Prerequisite: Approval of Library Media Teacher.

Students will learn the day-to-day routines of maintaining a library media center, including processing new materials, keeping resource collections in order, repairing materials, and assisting in some clerical tasks. The Information Literacy Standards will be covered through a series of weekly lessons. Skills in word processing, computer technology, and filing are required.

LIBRARY SCIENCE II

Grades 10-12

Prerequisite: Approval of Library Media Teacher and Library Science I.

Students will continue to be trained in the day-to-day routines of maintaining a library media center, including circulating books, processing new materials, keeping resource collections in order, repairing materials, and assisting in some clerical tasks. The Information Literacy Standards will be covered through a series of special library projects. Skills in word processing, computer technology, and filing are required.

LIBRARY SCIENCE III

Grades 11-12

Prerequisite: Approval of Library Media Teacher and Library Science I and II.

Students will continue to master the day-to-day routines of maintaining a library media center, including circulating books, processing new materials, keeping resource collections in order, repairing materials, and assisting in some clerical tasks. The Information Literacy Standards will be covered through a series of special library projects. One of these projects will require collaboration with a teacher. Skills in word processing, computer technology, and filing are required.

ROTC/AEROSPACE SCIENCE

Grades 9-11

Prerequisites: Physically fit, 14 years of age, and good academic standing.

ROTC/Aerospace Science is a three-year program in Aerospace Science. The first year deals with the early beginnings of aviation and the advent of space explorations. Modern aircraft design and its component parts, as well as its purpose, are studied, along with the nature and importance of weather. The main events and the people involved in the development of space flight, spacecraft, rocket propulsion, and their purpose are studied. Students will become acquainted with military and civilian management customs and courtesies and flag etiquette. Respect for authority, the principles of honor and integrity, communication skills, problem-solving, human relations, and logical thinking are introduced. AFJROTC students will be expected to wear the uniform properly and proudly during the school day an average of one day per week. They will learn the basic drill movements and how to give commands. They will participate in field trips, cadet organization activities, and special events.

STUDENT GOVERNMENT

Grades 9-12

Prerequisite: Consent of instructor.

Course can satisfy the practical arts requirement for graduation.

Student Government is required of all elected student body representatives, but it is open to anyone interested in student government. The course deals with improving ability in leadership, problem solving, parliamentary procedure, self-expression, campus activities, and finance. Study centers around areas of concern to the student body, board meetings, department meetings, and other school-oriented meetings and activities.

STUDENT SERVICE

Grades 9-12

Prerequisite: Permission of Counselor and Teacher.

This is a work situation where the student assists in the office of an individual faculty member.

PASS/FAIL ONLY—No letter grade will be given for this class.

STUDY SKILLS

Grades 9-12

These classes meet district elective requirements for graduation. The course focuses on building organizational skills, supporting students with academic classes, and transitioning students out of high school. Students are expected to actively participate in gaining skills to succeed in school.

REGIONAL OCCUPATIONAL PROGRAM (ROP)

Regional Occupational Program (R.O.P.) classes are open to students in grades 11 and 12 or those who are 16 years of age or older. For the more information on these classes please go Saugus High's website www.hartdistrict.org/saugus and click on the R.O.P icon on the lower right-hand side.

ANIMAL CARE AND SERVICES, BEGINNING

Credit 10

Fulfills the practical art requirement.

This class offers students a chance to gain experience with many aspects of the animal field including veterinary medicine, production animals, animal training, animal handling, feeding, caging and cleaning. Class meets 4 hours per week, and an additional 6 hours per week of hands-on experience in local animal care facilities. This course is designed to help students gauge what area of animal care they would like to pursue.

ANIMAL CARE AND SERVICES, ADVANCED (Spring)

Credit 5

Prerequisites: ROP Animal Care Beginning

Fulfills the practical art requirement.

This competency-based course prepares students for intermediate level positions in veterinary and animal care facilities. Students will gain experience with many aspects of the animal care field including safe handling of animals and equipment, critical care and wound management, animal ethics, nutrition from newborn to geriatric, anatomy and physiology, pathology and disease response, pharmacology and pharmacy, laboratory collections, preparations and analysis. The course is designed to prepare students to be a veterinary assistant.

AUTOMOTIVE BRAKE SYSTEMS

Credit 5

Fulfills the practical art requirement.

Provides the theoretical and practical application of the operation, diagnosis and repair of automotive brake systems. Course is articulated with College of the Canyons Automotive Brake Systems Course.

AUTOMOTIVE MAINTENANCE AND OPERATIONS

Credit 10

Fulfills the practical art requirement. Valid Calif. Driver's License is required.

Introduction to automotive maintenance and repair concepts. Topics include: basic theory of operation, maintenance and minor repair of engine and other auto components. Course is articulated with College of the Canyons Automotive Maintenance and Operations Course.

AUTOMOTIVE STEERING SUSPENSION & ALIGNMENT

Credit 10

Fulfills the practical art requirement. Valid Calif. Driver's License is required.

Provides theory, diagnosis and repair procedures of modern suspension and steering systems on import and domestic vehicles. Course is articulated with College of the Canyons Automotive Steering, Suspension & Alignment Course.

BANKING OCCUPATIONS

Credit 5

Fulfills the practical art requirement.

This course prepares students for entry-level positions in banking occupations. Students learn to identify and correctly process paying and receiving transactions in the banking industry. This course familiarizes students with general banking operations and the differences between banks and credit unions, while preparing students for an entry level position within a branch.

BUSINESS ESSENTIALS

Credit 5

Fulfills the practical art requirement.

Learn to master Microsoft Office suite and gain organizational business skills necessary in the business world and office management. Learn time management skills, electronic and paper record management, calendaring, meeting planning, budgets, effective communication skills including business English, effective email communication, etc.

CAREER INTERNSHIP

Credit 5

Fulfills the practical art requirement.

This course provides students with the opportunity to test their interests and aptitudes in a particular career. The student will get experience through direct connection between what is learned in school and what takes place in the workplace. Students will get the opportunity to network, connect with professionals, and gain work experience.

CHILD CARE OCCUPATIONS

Credit 10

Fulfills the practical art requirement.

The infant/toddler childcare course is designed to provide students with training for an entry-level position in the field of Early Childhood Education. The program includes on-the-job training in local childcare facilities. Classroom topics include infant and toddler development, health, safety, guidance planning, appropriate environments, and curriculum. Students will work with infants and young children under the supervision of a qualified infant/toddler teacher, implementing hands-on curriculum activities and assisting in the care routines of the children. After successfully completing the 360-hour semester program, students will have the necessary training to receive a Child Development Permit as an Assistant Teacher from the California Commission on Teacher Credentialing.

CONSTRUCTION TECHNOLOGY

Credit 5

Fulfills the practical art requirement.

It focuses on concepts, practices and activities related to residential and commercial building construction industry concepts and practices, and carpentry. It assists students in focusing on a career path sequence which can be tailored to a student's lifelong learning and may include training, retraining, and upgrading programs. It may also include advanced training, which can include further ROP instruction, community college and apprenticeship programs, and professional level baccalaureate degrees. Students receive up to 180 hours of classroom instruction.

COSMETOLOGY

Max Credits 40

Prerequisites: 16 ½ years old

Fulfills the practical art requirement.

This course is 1600 hours in length which can be completed in 18 months of full-time attendance. The course covers all phases of cosmetology, skin care, manicuring, and pedicuring. Students will be well-prepared to pass the state examination and obtain a job in Cosmetology.

CULINARY ARTS, BEGINNING

Credit 5

Fulfills the practical art requirement.

Take the first step to your career as a chef in a fine restaurant and hotel, and prepare for food handling certification. Learn knife skills, cooking techniques and food service procedures from the chef instructor at West Ranch High School. Complete the ServSafe Sanitation Program exam recommended by the California Restaurant Association.

CULINARY ARTS, ADVANCED

Credit 5

Fulfills the practical art requirement.

This course will concentrate on refining the cooking methods and techniques, knife skills, and menu development that students previously learned. This course will also concentrate in a la carte preparation and service utilizing meat, fish, poultry, soups, sauces, and gravies, as well as lab preparation of foods served in fine dining environments. Students are encouraged to take the ServSafe Final Exam with the state prior to advancing to a college culinary arts program.

DENTAL ASSISTANT (Begins fall semester)

Credit 10 per semester

Fulfills the practical art requirement.

Max 20 credits

This two-semester course provides a combination of classroom and practical experience designed to prepare students to assist the dentist in chair-side operations. Students will learn specific job-seeking skills related to this occupation. Students will have the opportunity to earn their California State Dental Radiology Certificate, as well as certified in CPR and First Aid. Students may continue afterwards at the Clarita College and become eligible to become licensed as a Registered Dental Assistant (RDA).

EMERGENCY MEDICAL RESPONDER (EMR)

Credit 5

Prerequisites: Successful completion of anatomy, ROP Physical Therapy, ROP Medical Office, ROP Nursing, or ROP Intro to Health Care Occupations.

Fulfills the practical art requirement.

This competency-based course gives students an overview of the career opportunities in Emergency Medical Services field. It prepares students to successfully complete a state accredited emergency medical technical course. Integrated throughout the course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem-solving, workplace safety, technology, and employment literacy. EMR is the first level before EMT. COC accepts ROP in lieu of 139, the first course towards earning EMT. Students receive up to 90 hours of classroom instruction.

ENTERTAINMENT/PERFORMANCE OCCUPATIONS

Credit 10

Max 20 credits

Fulfills the practical art requirement.

This very creative course introduces students to the entertainment industry with special emphasis on the performing aspect of the business: acting techniques, the audition process, improvisation, commercial auditions, pictures, resumes, etc. Students will get to work in front of the camera and under the lights, and are required to attend tapings of well-known television shows at major studios in the San Fernando Valley.

EVENT PLANNING

Credit 5

Fulfills the practical art requirement.

This course provides an overview of event planning. Students learn the skills and knowledge necessary for entry-level employment in the hospitality and recreation industry. Corporate and freelance event planning are emphasized.

EXPLORING ENGINEERING TECHNOLOGY (EET)

Credit 5

Fulfills the practical art requirement.

This course introduces students to different aspects of Engineering Technology (engineering technology education is more applied than the theoretical science-based engineering degree education; engineering technology focuses on manufacturing and product improvement). In this course, students use Computer-assisted manufacturing and machining principles, 3D modeling design software, manufacturing processes and robotics technology to produce problem-solving models. Students learn how to apply models to solve problems in and out of the classroom. EET conveys concepts of robotics and manufacturing to provide students a foundation for further education in engineering technology.

ADVANCED EXPLORING ENGINEERING TECHNOLOGY (EET)

Credit 5

Fulfills the practical art requirement.

Prerequisite: Minimum grade of C+ in EET and teachers recommendation

This course furthers the exploration of EET through more hands on projects and enhances and broadens the skills learned in the beginning class.

FASHION MERCHANDISING

Credit 5

Fulfills the practical art requirement.

This course provides training in sales, merchandising, fashion coordination and personal grooming including poise and modeling techniques. Unpaid on-the-job training opportunities are required at local retailers.

FIRE ACADEMY, BEGINNING

Credit 10

*Fulfills the practical art requirement.**A medical clearance (by a physician) is necessary participate in the program.*

This career goal orientated Fire Academy (FA) course involves training in firefighting skills and techniques. It involves strong self-discipline and is challenging both academically and physically. Students are required to be in good physical condition with no medical restrictions. The FA course requires the following items: uniform, personal protective equipment (PPE), and additional class supplies purchased by the student. Many of the uniform and PPE items purchased can be used for further education in the fire or EMS field.. This course gives students (also known as cadets) an overview that prepares them for career opportunities in the fire fighting field. FA provides education and the skills needed to successfully gain entry into state, county, or city fire explorer programs, college fire classes, or fire academies.

FIRE ACADEMY, ADVANCED

Credit 10

*Prerequisites: Beginning Fire Academy with a passing grade of 75% or higher.**Fulfills the practical art requirement.*

This course includes training with equipment, and advanced techniques of fire control. Students apply skills learned in Fire Academy (Beginning) to develop leadership skills and proper chain-of-command. Building construction and how it affects fire is studied as well as overhauling of equipment.

FLORISTRY

Credit 5

Fulfills the practical art requirement.

Fundamentally, the student will learn procurement, care, design, construction and merchandising of basic floral pieces. The student will be able to identify flowers, plants, supplies and equipment commonly used in the floral trade. The student will learn retail floral practices in pricing, order taking, and merchandising. Field trip to the Los Angeles Flower Mart is included.

FORENSICS

Credit 5

Fulfills the practical art requirement.

This course explores the evolution and role of forensics in criminal justice and crime scene investigation. Emphasis is placed on the identification and detection methods of evidence and proper collection and documentation methods. Included will be dusting and lifting of finger prints, rolling a 10-print fingerprint card, fire arms and ammunition introduction, DNA separation and analysis, crime scene sketching and photography, and processing a mock crime scene.

FORENSICS (ADVANCED)

Credit 5

Fulfills the practical art requirement, and counts as an A-G elective under letter 'g'.

Prerequisites: Beginning Forensics with a passing grade of B or higher

This course is designed to give students further study in the theory and hands on experience in the skills and knowledge required of a forensic crime scene investigator position working in law enforcement today. Advanced techniques will be learned in fingerprint collection, DNA analysis, forensic entomology, and computer investigations. Successful completion of both ROP Forensics courses meet the A-G requirements as an elective as required by the UC/CSU.

GRAPHIC DESIGN

Credit 5

Fulfills the practical art requirement.

An understanding of graphic design is a pathway to a multitude of careers: graphic design, web design, interior design, multi-media design, marketing and advertising. This course prepares students with the following: an understanding of the elements and principles of design, proficiency in using Adobe Creative Suite 5 software (Adobe Photoshop, InDesign, and Illustrator), how to prepare artwork for different mediums (print, web, large format, and screen print), and guidance on how to move forward in the graphic design and related career fields. A few projects: create your own advertising brand, clothing graphics line, and print an online design portfolio.

HEALTH CARE OCCUPATIONS, INTRODUCTION

Credit 5

Fulfills the practical art requirement.

There is a multitude of exciting careers available and in-demand in the health care field today. Come learn the educational requirements and pay scales of various disciplines and see which occupation would be your best choice! You will learn basic anatomy and physiology, medical terminology, and infection control procedures. You will also learn ethical medical practices, HIPAA laws, OSHA, and practical skills such as taking vital signs and becoming CPR certified. You will be required to purchase scrubs and we highly recommend buying your own stethoscope. There is a small fee for CPR certification.

HOTEL/RESTAURANT OPERATION

Max 20 credits

Fulfills the practical art requirement.

This course provides an on-site hotel/motel training experience. Students will divide their time between a classroom setting and working and training under the direction of a department head in a choice of areas: guest receiving, housekeeping, maintenance, switchboard.

INFANT CARE OCCUPATIONS

Credit 10

Fulfills the practical art requirement.

This course prepares students for entry-level employment as child care and teacher aides in nursery schools, day care centers, kindergartens, and primary grade classes, working with children ages approximately 3 to 5. After successfully completing the 360-hour semester program, students will have the necessary training to receive a Child Development Permit as an Assistant Teacher from the California Commission on Teacher Credentialing. Course is articulated with College of the Canyons.

INTERIOR DESIGN

Credit 5

Fulfills the practical art requirement.

This course prepares students for entry level positions in the field of interior design and related occupations. Students will gain and learn the fundamentals of interior design theory. Principles and elements of design will be taught along with color theory, space planning and drafting, fabrics, history of furniture, lighting, accessories, materials, and products.

LAW ACADEMY/SHERIFF EXPLORER, BEGINNING

Credit 10

Fulfills the practical art requirement.

This course provides instruction pertaining to the basics of a law enforcement academy. Subjects such as police procedures, criminal law, community relations, firearms safety, narcotics control, and weaponless defense must be mastered. The students are additionally required to undergo drill and ceremonies (marching and formations) as well as rigorous physical training. The class will also tour the North County Correctional Facility, The Museum of Tolerance and participates in a Range day where they will fire a pistol and shotgun. Further information regarding the explorer program can be obtained from our website at: <http://reserve.lasd.org/explorer/index.html>

LAW ACADEMY/SHERIFF EXPLORER, ADVANCED

Credit 10

Prerequisites: Law Academy Sheriff Explorer class

Fulfills the practical art requirement.

The Advanced Law Academy Sheriff Explorer class gives young adults the opportunity to implement the skills learned in the Beginning Law Academy Sheriff Explorer class. Students will have the opportunity to assist sworn law enforcement personnel with leadership activities. Students will also become familiar with the preparation for the testing process for law enforcement.

LAW ENFORCEMENT

Credit 5

Fulfills the practical art requirement.

This course is designed to give students a basic understanding of how the L.A. Sheriff's Department operates. The class includes a tour of a correctional facility and a ride-along with a deputy sheriff. Students learn about traffic laws and accident/criminal investigations.

MEDICAL OFFICE (Spring)

Credit 5

Fulfills the practical art requirement.

Students learn how to communicate with patients, doctors and other health care professionals. Students will learn basic anatomy and physiology, diseases, medical terminology, HIPAA laws, and OSHA. Students will gain an overall understanding of medical insurance billing and how to use the CPT and ICD-9 code books. Clinically, students will be able to perform vital signs and be CPR and first aid certified. Scrubs are required and purchasing your own stethoscope is highly recommended. There will be a small fee for CPR certification.

MEDICAL SCIENCES IN SPORTS MEDICINE (BEGINNING)

Credit 10

Fulfills the practical art requirement. This is a two semester course.

Medical Sciences in Sports Medicine is a one year course designed for students who are interested in fields such as athletic training, physical therapy, medicine, nursing, fitness, physiology of exercise, kinesiology, nutrition, and other sports medicine related fields. It is offered as a classroom and lab course to provide students with an avenue through which to explore these fields of study. This class focuses on the basic information and skills important in the recognition of, care, prevention, and preliminary rehabilitation of athletic injuries. The course includes class work, hands on application, and observation in the following areas: prevention, treatment and rehabilitation of sports injuries, taping and wrapping of injuries, first aid/CPR emergency programs and sports medicine careers. The class will also emphasize specific body sections for anatomy, physiology of common injuries, along with specific taping of ankle, knee, hip, shoulder, elbow, hand, wrist and fingers.

MEDICAL SCIENCES IN SPORTS MEDICINE (ADVANCED)

Credit 10

Fulfills the practical art requirement. This is a two semester course.

Medical Sciences Sports Medicine II is a one year course, designed for students who are interested in fields such as athletic training, physical therapy, medicine, nursing, fitness, physiology of exercise, kinesiology, and other sports medicine related fields. It is offered as a classroom and lab course to provide students with an avenue through which to explore these fields of study. This class focuses on the basic information and skills important in the recognition of, care, prevention, and preliminary rehabilitation of athletic injuries. The course includes class work, hands on application, and observation in the following areas: prevention, treatment and rehabilitation of sports injuries, taping and wrapping of injuries, first aid/CPR emergency programs and sports medicine careers. The class will provide three different skill levels. Each skill level should be completed in two semesters. As the students repeat the class, their own skill level should increase as the levels increase. The students are trained and then work with the sports teams in the area of athletic training as “student athletic trainers”. The class will emphasize critical thinking skills in specific injury management. While in the advanced class, we will compete in Sports Medicine competitions throughout California.

NURSING, INTRODUCTION TO

Credit 5

Fulfills the practical art requirement.

This course introduces students to the basic essentials necessary to prepare a high school student for a career path in nursing. Emphasis is on core concepts required to become an effective patient care worker. Students will investigate career choices in nursing and career preparation standards in the health care industry which include vital signs, communication, interpersonal skills, problem-solving, workplace safety, technology, and employment literacy. Topics such as basic anatomy, physiology, infection control, and basic medical math will be covered. Students will be exposed to basic patient care techniques. Students will tour a medical facility. Students will gain this experience through classroom and worksite learning experiences, which may include classroom, volunteering, and guest speakers.

OUTDOOR RECREATION AND WILDERNESS CONSERVATION

Credit 5

Fulfills the practical art requirement.

Interested in pursuing a career where you get to work in the great outdoors? This course offers participants a great opportunity to explore an outdoor recreation career working with different land management agencies including the United States Forest Service, Pacific Crest Trails Association, and the Mountain Recreation Conservation Authority. Course includes weekly hands-on training in trail construction and maintenance; environmental stewardship; leave no trace ethics; wilderness navigation, land management practices and much, much more!

PHARMACY ASSISTANT

Credit 5

Fulfills the practical art requirement.

Become familiar with prescription drugs and why they are used. Learn how to read physician handwriting and codes to interpret prescriptions and produce labels for patients. Use your math skills to calculate dosages and become familiar with insurance billing and procedures. Learn basic anatomy, common diseases, medical terminology, drug treatments, and gain knowledge and skills to get a job in a

pharmacy! Instruction includes lecture, group activities, lab exercises, videos, role- plays, field trips, and review sessions.

PHOTOGRAPHY, DIGITAL

Maximum 40 Credits

Fulfills the practical art requirement.

Digital Photography introduces students to practical and modern techniques in the field of photography. Learn photo-composition, color, tonality, design, lighting, camera modes/functions, Adobe Photoshop tools, digital SLR camera. This course will emphasize the use of digital cameras and the use of the computer to produce images that historically have been produced using film, film cameras, traditional developing and print processing. This course will prepare students to advance to occupational training at the college, trade school or internship level.

PHYSICAL THERAPY ASSISTING

Credit 5

Fulfills the practical art requirement.

Learn more about the body and how it works, especially as it relates to the musculoskeletal system. Learn about the various treatment procedures used to aid patients in their recovery after an injury. Learn the proper use of ice and heat, electrical stimulation, ultrasound, and spray-and-stretch techniques. Get hands on experience learning techniques including myofascial (therapeutic) massage specifically aimed at restoring greater function to an individual. Learn various taping procedures for sprains and strains and become proficient in range of motion testing and doing posture evaluations. If you are interested in the health field this course is highly recommended.

PLUMBING

Credit 5

Fulfills the practical art requirement.

Learn fundamentals for new construction and repair. An instructional program that prepares individuals to assemble, install, and repair pipes, fittings, and fixtures of heating, water, and drainage systems according to specifications and plumbing codes. This course is a helpful means for future employment in the plumbing industry.

RETAIL OPERATIONS

Maximum 30 credits

Prerequisites: Current employment

Fulfills the practical art requirement.

Students are paid weekly for on-the-job training plus meet for a three-hour related control class each week. Students must currently have a retail job before joining the class. Earn credit and be rewarded for working while in school. Learn what it takes to keep your job and earn that promotion. Students have a job in retail sales working at a store to enroll. Guest speakers, fun projects, job seeking skills, and field trips are included.

SCHOOL AGE CHILD CARE

Credit 10

Fulfills the practical art requirement.

This course is designed to help develop skills used in working with school-age children. Topics of instruction include understanding the developmental stages of the child, health, safety, nutrition and curriculum development. Classroom instruction is combined with on-the-job training at local elementary schools, working with children ages approximately 5 to 10. After successfully completing the 360-hour semester program, students will have the necessary training to receive a Child Development Permit as an Assistant Teacher from the California Commission on Teacher Credentialing.

SCREEN PRINTING, BEGINNING

Maximum 10 Credits

Fulfills the practical art requirement.

Students will learn techniques of printing fabrics, manufacturing decals, printing circuit boards, advertising circulars, greeting card design, and production and printing special applications.

SCREEN PRINTING, ADVANCED

Credit 5

Prerequisites: Beginning ROP Screen Printing

Fulfills the practical art requirement.

Students will organize a student company, design a printed product, and produce the product for sale, using graphic reproduction processes that include computer word processing and desktop publishing, silk-screening, and offset printing processes.

TV BROADCAST JOURNALISM

Credit 5

Fulfills the practical art requirement.

This course is designed to provide students with basic understanding and knowledge of the various aspects of the TV Video industry. The course will include student involvement in the components necessary to produce a TV Video program such as training in the operation of a camera, editing, script writing and directing. As a culminating activity, students will produce a segment for broadcasting on the public access channel.

VIRTUAL ENTERPRISE

Credit 10

Fulfills the practical art requirement.

Virtual Enterprise is a 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 real business partners. Emphasis will be placed on the use of current business software packages and the internet for business transactions, marketing, sales and promotion.

WILDLAND FIREFIGHTER (Spring)

Credit 5

Fulfills the practical art requirement.

Wild land Fire gives students an overview of professional wild land firefighting and preparation for employment as a federal wild land firefighter and department of forestry. Students participate in hands-on training sessions with an assortment of firefighting equipment. Emphasis is placed on wild land fires, safety, equipment, and control. The course is designed to prepare students for entry level positions within the Department of Forestry.

NOTE: COURSES ARE SUBJECT TO CHANGE.

IT IS THE POLICY OF THE HART R.O.P. TO AWARD CREDITS BASED UPON THE NUMBER OF HOURS THE STUDENT ATTENDS. THEREFORE, IF THE STUDENT DOES NOT ATTEND, FULL CREDIT MAY NOT BE AWARDED. "MAKE UP WORK" MAY BE ASSIGNED AT THE DISCRETION OF THE TEACHER TO COMPENSATE FOR UNEXCUSED ABSENCES.

