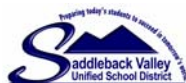


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INTRODUCTION

This document gives a description of courses offered in various departments in each of the four comprehensive high schools in the Saddleback Valley Unified School District. The information provided will assist students and parents in planning each semester's schedule of classes. The Saddleback Valley Unified School District High School Registration Guide contains information about district policies, special programs, honor organizations, college/university information, and a list of which high schools anticipate offering each course. The High School Registration Guide is available on the Guidance section on the SVUSD Website (www.svUSD.k12.ca.us/guidance/) and in the high school guidance offices.

As students approach adulthood, it is important that they be provided opportunities to make choices and to assume responsibility for decisions that will greatly impact their future career choice. Selection of courses in high school is a great opportunity for students to begin exploring career options and prepare for continued learning experiences. Saddleback Valley Unified School District has more than 200 courses from which students may choose. Students are encouraged to consider selecting courses and career experiences in non-traditional careers (e.g., advanced math and science, auto, drafting, architecture for females, etc.).

Guidance staff will monitor progress and explain educational opportunities to students. However, it is the responsibility of students to take courses which meet graduation and college entrance requirements.

The Saddleback Valley Unified School District does not unlawfully discriminate on the basis of sex, sexual orientation, gender, ethnic group identification, race, ancestry, national origin, religion, color, mental or physical disability or any basis that is contained in the prohibition of hate crimes set forth in subdivision (a) of Section 422.6 of the Penal Code*. (*Education Code Section 220; BP 5145.3*).

All classes and courses, including non-academic and elective classes, are conducted without regard to the race, color, religion, sex, sexual orientation, gender, national origin, physical disability or medical condition of the student enrolled in such classes; no students shall be prohibited from enrolling nor required to enroll in any class on the basis of the race, color, religion, sex, sexual orientation, gender, national origin, physical disability or medical condition of the student; no school employee shall offer vocational or school program guidance to students based on race, color, religion, sex, sexual orientation, gender, national origin, physical disability or medical condition or, in advising students, differentiate career, vocational, or higher education opportunities on the basis of the sex of the student counseled; and participation in a particular physical education activity or sport, if required of students of one sex, shall be required of students of each sex. The lack of English skills will not be a barrier to admission and participation in the District's programs. Complaints alleging non-compliance should be directed to the school principal, the Director of Pupil Services for students; and the Assistant Superintendent, Personnel Services for staff, at the Saddleback Valley Unified School District, 25631 Peter A. Hartman Way, Mission Viejo, CA 92691, (949) 580-1234. The Director of Pupil Services is also the designated Coordinator of Student Compliance for Title IX and Section 504.

California Fiscal Crisis and Proposed Budget Reductions

At the time this publication was printed, the Saddleback Valley Unified School District was considering several budget reductions due to the State of California fiscal crisis including elimination of funding for the International Baccalaureate program, reduction in graduation requirements from 230 to 220 units, elimination of Cultural Geography as a graduation requirement, change to a 6 period day from a 7 period day at high schools, reduction in the number of periods for seniors beginning in 2008-2009, and reduction in course offerings. If budget reductions being considered by the California Legislature and governor result in reduced funding to the Saddleback Valley Unified School District, parents and students will be informed regarding final decisions and policies and the impact on high school programs and course offerings.

COURSE DESCRIPTIONS

The following pages contain descriptions of the courses taught at the comprehensive high schools in the Saddleback Valley Unified School District each year. All courses may not be offered at each campus each year. The courses are listed according to department. Note carefully the grade level and prerequisites.

AGRICULTURE

The first three Agriscience courses fulfill the Life Science requirements. It is highly recommended for students not wishing to go to college after high school that they enroll in Earth Science or a Physical Science during their Junior year. Student planning to attend college should enroll in Chemistry or another upper division physical science either their Junior or Senior year.

686 **AGRICULTURE SCIENCE * EC NCAA** **9, 10, 11**
Length of Course: Year **Prerequisite: None**

This course presents a survey of the animal and plant industries in California from production to final consumption. In addition, the student studies how animals and plants affect human life. The student will be involved in an agriculture project as a "hands-on" activity. Participation in FFA activities is an integral part of this course. This course satisfies the life science graduation requirement.

687 **AGRICULTURE BIOLOGY * EC NCAA** **10, 11, 12**
Length of Course: Year **Prerequisite: Agriculture Science or Teacher Recommendation**

This course is a laboratory science course, designed for the college-bound student that deals with the life functions and interrelationships of plants and animals. The course focuses on growth and reproduction, genetics, animal behavior, animal and plant taxonomy, nutrition, health and diseases and the ecological relationship among plants, animals and humans. The student will be involved in an agriculture project as a "hands-on" activity. Participation in the FFA is an integral part of this course. This course satisfies the life science graduation requirement.

688 **VETERINARY SCIENCE * EC NCAA** **11, 12**
Length of Course: Year **Prerequisite: Ag Sci & Ag Biology or Teacher Recommendation**

This course provides a study of anatomy and physiology of small and large animals; proper health maintenance; sanitation and the symptoms, treatments and prevention of common diseases. Course work will include animal nutrition, safe handling and restraint and the control of parasites and diseases. The student will gain practical experience in veterinary medicine by conducting hands-on activities with livestock and will have the opportunity to investigate the field of veterinary medicine. This course satisfies the life science graduation requirement.

791 **AGRICULTURE ECONOMICS * NCAA** **11, 12**
Length of Course: Year **Prerequisite: Agriculture Science or Agriculture Biology or Veterinary Science or Teacher Recommendation**

This course focuses on the vast business structure that comprises California's largest industry. It will include, for the student, a thorough understanding of the economics, marketing, management, government services and international implications of this state's agriculture industry. The nature of the American economy and the role of the consumer within the economic system will be studied as well as examining general functions and current problems of our economic system and their effects on the agriculture industry.

LEGEND

- 1 -
- * College Prep
 - ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
 - *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC** Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep** Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA** Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

848 FLORICULTURE 9, 10, 11, 12
Length of Course: Semester **Prerequisite: Agriculture Science or Teacher Recommendation**
 Students in this course will develop artistic skills using the elements of design related to floral design using their senses to perceive works of art. Students will identify visual structures and functions of art using the language of visual arts by creating original artworks based on personal experiences. Skills and appreciation developed in the visual arts will aid in lifelong learning. Students will derive meaning from artworks through analysis, interpretation, and judgment. Students will connect and apply what is learned in Floriculture to learning in other art forms, subjects, and post secondary education experiences. This course satisfies one semester of the District's one year Fine Arts/Foreign Language/Practical Arts graduation requirement.

BUSINESS

Applied Arts courses prepare students with skills for careers and college. All Business courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement. Computerized Accounting and Business Mathematics meet one year of the Mathematics graduation requirements. One year of ROP Virtual Enterprise Economics meets the Economics graduation requirement.

161 KEYBOARDING/WORD PROCESSING * Tech Prep** 9, 10, 11, 12
179 KEYBOARDING/WORD PROCESSING SHELTERED * Tech Prep** 9, 10, 11, 12
Length of Course: Semester **Prerequisite: None**

Keyboarding is an essential skill for both school and work. Students will learn to touch type using a personal computer. Keyboarding speed and accuracy are emphasized. Learn to use a popular word processing program while formatting business correspondence, basic reports, and simple tables. No computer experience necessary.

176 BUSINESS MATH *** 11, 12
Length of Course: Year **Prerequisite: Two years of Math**

Business Math will help students improve proficiency with basic math skills and apply basic math concepts to business and personal situations. This class is designed to help students become mathematically literate and self-confident. Emphasis is placed on problem solving and investigative techniques used in consumer oriented situations. This course can be used to fulfill one year of math credit for graduation.

185 ROP ENTREPRENEURSHIP *** 11, 12
Length of Course: Semester **Prerequisite: None**

Learn how to successfully own and operate your own business! This course emphasizes the basic elements of entrepreneurship and includes topics such as developing a business plan, technical assistance, marketing strategy, financing the business, government regulations/legal issues, maintaining business records, promoting/advertising, and managing human resources. This course will also cover computer and software applications used in operating a small business.

186 ROP E-MARKETING *** 11, 12
Length of Course: Semester / Year **Prerequisite: Teacher Recommendation**

Learn to use leading edge technology to market products and services on the Internet. Explore the world of electronic commerce and design Web pages using Front Page software.

172 ROP MICROSOFT TOOLS - WORD & ACCESS * Tech Prep** 10, 11, 12
173 ROP MICROSOFT TOOLS - EXCEL & POWERPOINT * Tech Prep** 10, 11, 12
177 ROP MICROSOFT TOOLS - WORD & EXCEL * Tech Prep** 10, 11, 12
178 ROP MICROSOFT TOOLS - POWERPOINT & ACCESS * Tech Prep** 10, 11, 12
Length of Course: Semester **Prerequisite: Keyboarding**

Microsoft Tools is an integrated computer software program which includes Microsoft Word, Excel, PowerPoint and Access. Using Word in a Windows environment, students will learn how to create and edit word processing documents. Using Excel in a Windows environment, students will learn how to use a spreadsheet program for analysis and graphing of numerical data. Students will learn how to use PowerPoint to create visual presentations with text and graphics. Students will learn how to use Access, a database management program to organize and sort information. This course will include access to the Internet for special projects and research.

LEGEND

- 2 -

- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 189 **ROP COMPUTERIZED ACCOUNTING** *** Tech Prep 11, 12
Length of Course: Year Prerequisite: None
 Accounting will allow students to build on math skills while learning accounting concepts, principles, and computerized accounting procedures. This course may be used to fulfill one year of math credit for graduation. Students earning an "A" or "B" will receive unit credit at Saddleback Community College.
- 152 **TECHNOLOGY TOOLS** *** Tech Prep 9, 10, 11, 12
 159 **TECHNOLOGY TOOLS 2** *** Tech Prep 9, 10, 11, 12
Length of Course: Semester Prerequisite: Keyboarding Recommended
 This course is for students to become successful in using technology in high school, college, and career. Students use popular computer applications which include word processing, database, spreadsheet, desktop publishing, and presentation software. Internet research skills will be learned to assist students with content area research and basic email procedures.
- 191 **ROP VIRTUAL ENTERPRISE ECONOMICS** */*** NCAA Tech Prep 11, 12
Length of Course: Year Prerequisite: Keyboarding with C or Better and Teacher Recommendation
 Students in this course will apply Economics principles and practices as they create and operate a simulated business. This simulation will prepare them for working in a real business environment. The students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business under the guidance of a consultant with the support of a real business partner. Emphasis will be placed in using current business software packages and the Internet for business transactions. Students will receive an overview of micro and macroeconomics, and will be taught analytical skills to better understand and interpret the economy and its indicators. Students will examine the functions and current problems of our economic system. Students must complete two semesters of this course in order to satisfy the economics requirement for graduation.
- 182 **ROP WEB SITE DEVELOPMENT** *** Tech Prep 10, 11, 12
Length of Course: Semester Prerequisite: Keyboarding Recommended
 The Internet and the World Wide Web (WWW) are greatly changing the way we communicate and do business. Students in this class will be provided an overview of the Internet and will learn how to create and design an effective Web Page using Hypertext Markup Language (HTML). Design skills in creating Web graphics as well as advanced aspects of Web design such as frames and plug-ins will also be covered. Microsoft Front Page software will be used.
- 195 **ROP ADVANCED WEB SITE DEVELOPMENT** *** 10, 11, 12
Length of Course: Semester Prerequisite: ROP Web Site Development
 Extend your knowledge of web authoring tools and build sophisticated web pages. Explore various approaches to presenting data, graphics, and dynamic media on the web. Macromedia Flash will be used to create web-based animation.

COMPUTER SCIENCE

All Computer Science courses meet District one year Fine Arts/Foreign Language/Practical Arts requirement.

- 424 **INTRODUCTION TO COMPUTER SCIENCE** 9, 10, 11, 12
Length of Course: Semester Prerequisite: Algebra 1
 Computer science is the study of computation, computing machinery (hardware and software), and information technology in general. Computer Science is a diverse and interesting subject. It has connections with mathematics, engineering, physics, commerce, telecommunications, linguistics, psychology, and many other disciplines. The goal of this course is to introduce computer science to students who may be interested in pursuing a computer science major. This course is intended to treat a broad range of technical matters connected with the workings of computer hardware, software, and communications on a basic level.
- 435 **ADVANCED COMPUTER PROGRAMMING** 9, 10, 11, 12
Length of Course: Semester Prerequisite: Algebra
 Students enrolled in this course will learn to design and implement computer-based solutions to problems in several application areas. Students will learn to code in a well-structured fashion using the C++ programming language. The course will cover common algorithms and data structures. Students will learn to read and understand program code, the descriptions of the design, and the development process leading to such programs. The course will cover the ethical and social implications of computer use.

LEGEND

- 3 -

- * College Prep
 ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
 *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
 EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
 Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
 NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 439 **COMPUTER SCIENCE A AP *** 10, 11, 12
 Length of Course: Semester / Year Prerequisite: Geometry, Teacher Recommendation
- 440 **COMPUTER SCIENCE AB AP *** 9, 10, 11, 12
 Length of Course: Semester / Year Prerequisite: Algebra 2, Teacher Recommendation
- 444 **COMPUTER SCIENCE SL *** 9, 10, 11, 12
 Length of Course: Semester / Year Prerequisite: Algebra 2, Teacher Recommendation

The students will learn the development of useful computer programs or parts of programs that correctly solve a given problem and that are understandable, adaptable, and when appropriate, reusable. In the development, they will use analysis of algorithms, data structures, the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and their use in the integral parts of the course. Students enrolled in 439 Computer Science A AP must be concurrently enrolled in Algebra 2 or Intermediate Algebra 2.

ENGLISH

40 units required, including English 1, English 2, English 3, and English 4

- 028 **ENGLISH LANGUAGE DEVELOPMENT 1 (ELD 1)** 9, 10, 11, 12
 Length of Course: Year Prerequisite: Teacher Recommendation
- The ELD 1 program is a student centered, communication based, beginning level course designed for entry-level non-English speaking or limited English speaking students who have scored at the Beginning Level of the State CELDT Test. The principal course objective is English language development with an emphasis on formal and informal listening and speaking activities as well as verbal and non-verbal communication skills. The course content will address state and district ELD standards for grades 9-12 in listening, speaking, reading and writing.

- 030 **ENGLISH LANGUAGE DEVELOPMENT 2 (ELD 2)** 9, 10, 11, 12
 Length of Course: Year Prerequisite: Teacher Recommendation
- The ELD 2 program is designed for those limited English proficient students who have successfully completed ELD 1 and have shown competency through assessment of the skills presented in ELD 1 or have scored at CELDT Early Intermediate Level. State and district ELD standards for grades 9-12 in Listening, Speaking, Reading, and Writing will be addressed. Students will continue to produce basic statements and ask questions in direct informational exchanges on familiar routine subjects. They will comprehend a more complex sequence of information on familiar topics presented through stories and face-to face conversations. Students will write basic personal information and short responses within structured contexts and use high frequency vocabulary drawn from other content areas. Journals, dialogues, and prewriting activities, which include complete sentences that lead to paragraph development, will all be used to promote writing skills for the students. Each student will continue to develop self-confidence and cultural literacy through literature based on both self and global-awareness.

- 201 **ENGLISH 1 WORKSHOP** 9
 Length of Course: Year Prerequisite: Teacher Recommendation
- This is a skills-based course designed for students performing at basic or below basic levels. Students practice analyzing, synthesizing, and evaluation as described in the English Language Arts Content Standards. This course includes the investigation of literary themes through the study of the genres of fiction, nonfiction, drama, and poetry to improve reading comprehension and develop critical thinking skills. Focusing on organizational skills, students will master sentence composition and practice paragraph and multi-paragraph essays. Additionally, students explore topics through research and demonstrate an understanding of correct citation format. Through both informal and formal speeches, oral presentations, and class discussions, students will demonstrate listening and speaking skills. All components integrate standardized test preparation and are aligned with the California English Language Arts Content Standards.

- 203 **ENGLISH 1 * NCAA** 9
 Length of Course: Year Prerequisite: None

- 213 **ENGLISH 1 ELECTRONIC LEARNING * NCAA** 9
 Length of Course: Year Prerequisite: Teacher Recommendation
- This is a challenging, performance-based course designed for grade level students to improve the ability of students to analyze, synthesize and evaluate literature as described in the California English Language Arts Content Standards. In this course students examine literary themes through the study of the genres of fiction, nonfiction, drama, and poetry to enhance reading comprehension and further develop critical thinking skills. Students will practice responding to literature, writing multi-paragraph essays, and researching. Through both informal and formal speeches, oral presentations, and class discussions, students will develop and practice listening and speaking skills. All components integrate standardized test preparation, are aligned with the California English Language Arts Content Standards and meet UC/CSU requirements.

LEGEND

- 4 -

- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

204	<u>ENGLISH 1 HONORS/IB</u> * NCAA	9
214	<u>ENGLISH 1 HONORS/IB ELECTRONIC LEARNING</u> * NCAA	9
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This is a rigorous, performance-based course designed for highly motivated and advanced students in English Language Arts as described in the California English Language Arts Content Standards. Students will demonstrate higher order critical thinking skills and will develop and practice their ability to analyze, synthesize, and evaluate through an in-dept study of literary genres. The intensive study of fiction, nonfiction, drama, and poetry will enhance reading comprehension. Students will be introduced to analytical writing skills and will use rhetorical devices to support assertions with an emphasis on literary analysis, multi-paragraph expository essays, key passage commentaries, and an introduction to research skills. Through both informal and formal speeches, oral presentations, and class discussions, students will develop and practice listening and speaking skills. All components integrate standardized test preparation, are aligned with the California English Language Arts Content Standards and meet UC/CSU requirements.	
052	<u>ENGLISH 1 SEMINAR</u> * NCAA	9, 10, 11, 12
053	<u>ENGLISH 2 SEMINAR</u> * NCAA	9, 10, 11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is driven by California and SVUSD'S English Language Arts 9-10 content standards and focuses on learning English 1 and 2 skills in reading, writing, and speaking/listening. These standards are adapted to the particular needs of the students and individualized where necessary and appropriate. Instruction is modified in delivery and pacing to maximize the learning potential of the English Language Learner. Reading focus areas include word analysis, vocabulary development, study of informational and functional texts, and literary response and analysis. Writing applications include biographical and autobiographical narration, literary response, persuasion, and exposition. Listening and speaking skills included formal and informal presentation of speeches, practice with notetaking and marginalia, and technology use. The University of California will accept one year to meet the a-g requirements for admission.	
202	<u>ENGLISH 2 WORKSHOP</u>	10
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This is a skills-based course designed for students performing at basic or below basic levels. Students practice analyzing, synthesizing, and evaluating as described in the English Language Arts Content Standards. This course includes the investigation of literary themes through the study of genres of fiction, nonfiction, drama, and poetry to improve reading comprehension and further develop critical thinking skills. Students will master paragraph composition and will practice multi-paragraph essays and research-based papers by focusing on organization and development. Through both informal and formal speeches, oral presentations, and class discussions, students will demonstrate listening and speaking skills. All components integrate standardized test preparation, are aligned with the California English Language Arts Content Standards and meet UC/CSU requirements.	
205	<u>ENGLISH 2</u> * NCAA	10
	Length of Course: Year	Prerequisite: None
209	<u>ENGLISH 2 ELECTRONIC LEARNING</u> * NCAA	10
220	<u>ENGLISH 2 MEDSCI</u> * NCAA	10
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This is a challenging, performance-based course designed for grade level students to improve their ability to analyze, synthesize, and evaluate literature as described in the California English Language Arts Content Standards. Through literary analysis of works within the genres of fiction, nonfiction, drama, and poetry, students will enhance reading comprehension and further develop critical thinking skills. Students will compose multi-paragraph narrative, expository, and research-based essays. Through both formal and informal speeches, oral presentations, and class discussions, students will improve and refine listening and speaking skills. All components integrate standardized test preparation, are aligned with the California English Language Arts Content Standards and meet UC/CSU requirements.	
206	<u>ENGLISH 2 HONORS/IB</u> * NCAA	10
215	<u>ENGLISH 2 HONORS/IB ELECTRONIC LEARNING</u> * NCAA	10
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This is a rigorous, performance-based course designed for highly motivated and advanced students in English Language Arts as described in the California English Language Arts Content Standards. Students will demonstrate higher order critical thinking skills and improve their ability to analyze, synthesize, and evaluate through an in-depth study of literary genres. The intensive study of fiction, nonfiction, drama, and poetry will enhance reading comprehension. Students will continue to develop analytical writing skills and will use specific rhetorical devices to support assertions with an emphasis on literary analysis, research-based papers, and key passages commentaries. Through both informal and formal speeches, oral presentations, and class discussions, students will expand and refine listening and speaking skills. All components integrate standardized test preparation and are aligned with the California English Language Arts Content Standards and meet UC/CSU requirements.	

LEGEND

- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

217	<u>ENGLISH 2 LANGUAGE AP * NCAA</u> Length of Course: Year	10 Prerequisite: Teacher Recommendation
<p>This course is designed for highly motivated students to acquire skills that will prepare them for college and for success with the AP English Language and Composition exam. A balance of skills/strategies accompanied by experiences in historically and culturally significant works of literature is provided, stressing the close reading of material and analysis of the use of rhetorical strategies in prose. The course includes World and British Literature, classical through contemporary periods. Modes of discourse include narration, description, exposition, and persuasion; writing, reading, listening, speaking, and critical thinking skills are integrated. Writing skills stress proficiency in the development of the essay, both formal and informal, with thorough application of the connections of standard written English. Reading emphasizes comprehension, vocabulary development, and analysis through informational and literary works. Oral communication includes integrated listening activities, formal speeches, and informal speaking. All components integrate standardized test preparation and are aligned with the California English Language Arts Content Standards and meet UC/CSU requirements.</p>		
292	<u>ENGLISH 3 WORKSHOP</u> Length of Course: Year	11 Prerequisite: Teacher Recommendation
<p>This course is designed for students who perform below grade level in reading comprehension and/or writing skills. It emphasizes basic reading and writing skills/strategies accompanied by experiences in historically and culturally significant American literature. This course is organized around the narrative, descriptive, expository, and persuasive modes of discourse while integrating writing, reading, listening, speaking, and critical thinking skills. The writing component stresses proficiency in paragraph writing as well as development of multi-paragraph essays. It also reviews and reinforces application of the conventions of Standard Written English; the reading component emphasizes comprehension and vocabulary development in both information and literary works; and the oral communications component incorporates both formal and informal speaking and listening activities. All components are aligned with the California Language Arts Standards.</p>		
056	<u>ENGLISH 3 SEMINAR * NCAA</u> Length of Course: Year	9, 10, 11, 12 Prerequisite: Teacher Recommendation
<p>This course is designed for students for whom English is not their primary language yet have attained intermediate fluency in English. This course is organized around the narrative, descriptive, expository, and persuasive modes of discourse while integrating writing, reading, listening, speaking, and critical thinking skills. The course emphasizes basic writing and reading skills/strategies accompanied by experiences in historically and culturally significant American literature. The writing component stresses proficiency in paragraph writing as well as development of multi-paragraph essays. It also reviews and reinforces application of the conventions of Standard Written English. Comprehension and vocabulary are emphasized through direct instruction utilizing SDAIE strategies along with reading both informational and literary works. The oral communications component incorporates both formal and informal speaking and listening activities. All components are aligned with the California Language Arts Standards.</p>		
294	<u>ENGLISH 3 INTERMEDIATE</u> Length of Course: Year	11 Prerequisite: Teacher Recommendation
<p>This course is designed for students at or near grade level in reading comprehension and writing skills provides a balance of skills/strategies accompanied by experiences in historically and culturally significant American literature. This course is organized around the narrative, descriptive, expository, and persuasive modes of discourse while integrating writing, reading, listening, speaking, and critical thinking skills. The writing component stresses proficiency in paragraph writing as well as development of multi-paragraph essays. It also reviews and reinforces application of the conventions of Standard Written English; the reading component emphasizes comprehension and vocabulary development in both informational and literary works; and the oral communications component incorporates both formal and informal speaking and listening activities. All components are aligned with the California Language Arts Standards.</p>		
296	<u>ENGLISH 3 * NCAA</u>	11
210	<u>ENGLISH 3 ELECTRONIC LEARNING * NCAA</u>	11
221	<u>ENGLISH 3 MEDSCI * NCAA</u> Length of Course: Year	11 Prerequisite: Teacher Recommendation
<p>This course is designed for students at or above grade level in reading comprehension and writing skills and provides a balance of skills/strategies accompanied by experiences in historically and culturally significant American literature. This course is organized around the narrative, descriptive, expository, and persuasive modes of discourse while integrating writing, reading, listening, speaking, and critical thinking skills. The writing component stresses proficiency in developing the essay and applying the conventions of Standard Written English; the reading component emphasizes comprehension and vocabulary development in both informational and literary works; and the oral communications component incorporates both formal and informal speaking and listening activities. All components are aligned with the California Language Arts Standards.</p>		

LEGEND

- 6 -

*	College Prep
**	Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
***	Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

261	<u>ENGLISH 3 HONORS</u> * NCAA	11
267	<u>ENGLISH 3 LITERATURE AP</u> * NCAA	11
265	<u>ENGLISH 3 HL1</u> * NCAA	11
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed for highly motivated students above grade level in reading comprehension and writing skills and provides a balance of skills/strategies accompanied by experiences in historically and culturally significant literature with an emphasis in American literature. This course is organized around the narrative, descriptive, expository, and persuasive modes of discourse while integrating writing, reading, listening, speaking, and critical thinking skills. The writing component stresses mastery of the essay, development of sophistication and style, and application of the conventions of standard written English; the reading component emphasizes comprehension and vocabulary development in both informational and literary works; and the oral communications component incorporates both formal and informal speaking and listening activities. All components are aligned with the California Language Arts Standards.	
293	<u>ENGLISH 4 WORKSHOP</u>	12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed for students below grade level in reading comprehension and writing skills and emphasizes basic reading and writing skills/strategies accompanied by experiences in historically and culturally significant works of literature (World Literature and British Literature, classical through contemporary). Modes of discourse include narrative, descriptive, expository, and persuasive and integrate writing, reading, listening, speaking, and critical thinking skills. Writing skills stress proficiency in paragraph writing as well as the development of the multi-paragraph essay. The course will review and build upon conventions in English, reading comprehension, and vocabulary development through informational and literary works. Additionally, the course emphasizes formal and informal speaking and listening activities. All components are aligned with the California State Language Arts Standards.	
057	<u>ENGLISH 4 SEMINAR</u> * NCAA	9, 10, 11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed for students for whom English is not their primary language yet have attained intermediate fluency in English. This course is organized around the narrative, descriptive, expository, and persuasive modes of discourse while integrating reading, writing, listening, speaking and critical thinking skills. This course emphasizes basic writing and reading skills/strategies accompanied by experiences in historically and culturally significant works of literature (World Literature and British Literature, classical through contemporary). Writing skills stress proficiency in paragraph writing as well as the development of the multi-paragraph essay and the application of the conventions of standard written English. Comprehension and vocabulary are emphasized through direct instruction utilizing SDAIE strategies as well as the reading of both informational and literary works. Oral communication incorporates both formal and informal speaking and listening activities. All components are aligned with the California State Language Arts Standards.	
295	<u>ENGLISH 4 INTERMEDIATE</u>	12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is acceptable for the district graduation requirement and acceptance to the community college system. Twelfth grade competencies are stressed. A balance of skills/strategies accompanied by experiences in historically and culturally significant works of literature (World Literature and British Literature, classical through contemporary) is provided. Modes of discourse include narrative, descriptive, expository, and persuasive and integrate writing, reading, listening, speaking, and critical thinking skills. Writing skills stress proficiency in the development of the essay and the application of the conventions of standard written English. Reading emphasizes comprehension, vocabulary development, and analysis through informational and literary works. Oral communication integrates listening activities, formal speeches, and informal speaking. All components are aligned with the California State Language Arts Standards.	
297	<u>ENGLISH 4</u> * NCAA	12
212	<u>ENGLISH 4 ELECTRONIC LEARNING</u> * NCAA	12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed for students who are motivated to acquire skills, which will prepare them for college. Students should be at grade level in reading comprehension and writing skills. A balance of skills/strategies accompanied by experiences in historically and culturally significant works of literature (World Literature and British Literature, classical through contemporary) is provided. Modes of discourse include narrative descriptive, expository, and persuasive and integrate writing, reading, listening, speaking, and critical thinking skills. Writing skills stress proficiency in the development of the essay and the application of the conventions of standard written English. Reading emphasizes comprehension, vocabulary development, and analysis through informational and literary works. Oral communication integrates listening activities, formal speeches, and informal speaking. All components are aligned with the California State Language Arts Standards.	

LEGEND

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*	College Prep
**	Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
***	Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

263	<u>ENGLISH 4 AP</u> * NCAA	12
270	<u>ENGLISH 4 HL2</u> * NCAA Length of Course: Year	12 Prerequisite: Teacher Recommendation
<p>This course is designed for highly motivated students above grade level in reading comprehension and writing skills who plan to attend college. The course is intended to prepare students to pass the AP and/or IB exams. A balance of skills/strategies, accompanied by experiences in historically and culturally significant works of literature (World Literature and British Literature, classical through contemporary) is provided. Modes of discourse include narrative, descriptive, expository, and persuasive and integrate writing, reading, listening, speaking, and critical thinking skills. Writing skills stress mastery in the development of the extended essay and the application of the conventions of standard written English. Reading emphasizes comprehension and vocabulary development in both informational and literary works. Oral communication integrates listening activities, formal speeches, and informal speaking. All components are aligned with the California State Language Arts Standards.</p>		
270	<u>ENGLISH 4 HL2</u> * NCAA (Humanities) Length of Course: Year	12 Prerequisite: Teacher Recommendation
<p>This course combines English 4 Honors and Social Science Honors in a three teacher, two hour interdisciplinary block. Students write college level essays and complete a college level reading list. At the completion of the course, students will be able to take the IB Higher Level English and History exams. Students earn credit for Civics Honors, English 4 Honors, IB Theory of Knowledge and Current World Problems (Mission Viejo High School)/History of the Americas (El Toro High School). The curriculum is driven by student inquiry and features guest speakers from a variety of fields.</p>		
270	<u>ENGLISH 4 HL2</u> * NCAA (Humanities) Length of Course: Year	12 Prerequisite: Teacher Recommendation
<p>This course uses world literature as a base for college level instruction meeting the requirements for the Higher Level IB English (Language A) exam. It is required for diploma students and may be taken by certificate students for college credits. Students study Greek tragedy, Shakespearean drama, theater of the absurd, and Ibsen, as well as major 20th century authors. Writing includes the college essay, analytic commentaries, and response journals. The class is taught as an interdisciplinary course with Civics Honors and Psychology (Laguna Hills High School).</p>		

FOREIGN LANGUAGE

All Foreign Language courses meet District one year Fine Arts/Foreign Language/Practical Arts requirements.

351	<u>FRENCH 1</u> * NCAA Length of Course: Year	9, 10, 11, 12 Prerequisite: None
<p>This course facilitates the exploration of the French speaking world. Students will enrich their own world by learning and using a new language and appreciating a new culture. Students will be immersed in the target language through various fun communicative techniques such as competitive games, interviews, surveys, role playing activities, video and computer generated programs. The studies are conducted in a "real world" context. The listening, speaking, reading and writing skills acquired will help them develop a "global understanding" necessary to become an effective citizen of the twenty-first century.</p>		
352	<u>FRENCH 2</u> * NCAA Length of Course: Year	9, 10, 11, 12 Prerequisite: Teacher Recommendation
<p>This course reinforces and further develops listening, speaking, reading, and writing skills acquired in French 1. Instruction will be primarily in the target language. Continued emphasis will be placed on practical use of the language. Students will extend their ability to communicate about topics such as recreational activities, travel, food, school experiences, health, careers, and family relationships. Students will further develop their appreciation of French-speaking people and their cultures.</p>		
353	<u>FRENCH 3</u> * NCAA Length of Course: Year	10, 11, 12 Prerequisite: Teacher Recommendation
<p>This course builds upon skills learned in French 1 and 2. Emphasis is placed on conversational fluency in increasingly complex situations. Course work includes selected higher level reading materials, (including short stories, poetry, articles, and/or abridged novels) writing exercises, oral presentations, and a variety of advanced oral interaction.</p>		
354	<u>FRENCH 4</u> * NCAA	11, 12
366	<u>FRENCH 5</u> * NCAA Length of Course: Year	12 Prerequisite: Teacher Recommendation
<p>This college level course is designed to sharpen all skills learned in previous courses; including speaking, listening, reading and writing. Special emphasis is placed on building vocabulary and developing fluid speech in real world situations. Students will also be exposed to the cultures of various French-speaking countries.</p>		

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*	College Prep
**	Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
***	Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

377	<u>FRENCH 4 AP</u> * NCAA	11, 12
329	<u>FRENCH 4 SL</u> * NCAA	11, 12
330	<u>FRENCH 4 HL1</u> * NCAA	11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This is a college level course designed to prepare students for the AP Exam and/or the IB Exam in French. All skills learned in previous courses are honed; including speaking, listening, reading, and writing. Special emphasis is placed on building vocabulary, improving reading comprehension and developing fluid speech in real world situations. Additionally, students will be exposed to the cultures of French-speaking countries.	
369	<u>FRENCH 5 AP</u> * NCAA	11, 12
333	<u>FRENCH 5 SL</u>* NCAA	11, 12
332	<u>FRENCH 5 HL2</u> * NCAA	11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This class will be a rigorous course of study to prepare the student to take the AP Exam and/or the IB Exam. The emphasis of the course will be on literary selections and writing skills. Students will read periodicals, and a variety of other materials and continue to refine and increase their grammatical knowledge and vocabulary.	
355	<u>GERMAN 1</u> * NCAA	9, 10, 11, 12
	Length of Course: Year	Prerequisite: None
	This course facilitates the exploration of the German-speaking world. Students will enrich their own world by learning and being immersed in the target language through various fun communicative techniques such as competitive games, interviews, surveys, role-playing activities, video and computer generated programs. The studies are conducted in a "real world" context. The listening, speaking, reading and writing skills acquired will help them develop a "global understanding" necessary to become an effective citizen of the twenty-first century.	
356	<u>GERMAN 2</u> * NCAA	9, 10, 11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course reinforces and further develops listening, speaking, reading, and writing skills acquired in German 1. Continued emphasis will be placed on practical use of the language. Students will extend their ability to communicate about topics such as recreational activities, travel, food, school experiences, health, careers, and family relationships. Students will further develop their appreciation of German-speaking people and their cultures.	
357	<u>GERMAN 3</u> * NCAA	10, 11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course builds skills learned in German 1 and German 2. Emphasis is placed on conversational fluency in increasingly complex situations. Coursework includes selected higher level reading materials (including short stories, poetry, articles, and/or abridged novels) writing exercises, oral presentations, and a variety of advanced oral interaction.	
358	<u>GERMAN 4</u> * NCAA	11, 12
380	<u>GERMAN 4 AP</u> * NCAA	11, 12
376	<u>GERMAN 4 SL</u> * NCAA	11, 12
379	<u>GERMAN 4 HL1</u> * NCAA	11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This is a college level course designed to prepare students for the AP Exam and/or the IB Exam in German. All skills learned in previous courses are honed; including speaking, listening, reading, and writing. Special emphasis is placed on building vocabulary, improving reading comprehension and developing fluid speech in real world situations. Additionally, students will be exposed to the cultures of German speaking countries.	
331	<u>GERMAN 5 AP</u> * NCAA	11, 12
382	<u>GERMAN 5 SL</u> * NCAA	11, 12
381	<u>GERMAN 5 HL2</u> * NCAA	11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This class will be a rigorous course of study to prepare the student to take the AP Exam and/or the IB Exam. The emphasis of the course will be on literary selections and writing skills. Student will read periodicals, and a variety of other materials and continue to refine and increase their grammatical knowledge and vocabulary.	

LEGEND

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*	College Prep
**	Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
***	Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 359 **SPANISH 1 * NCAA** 9, 10, 11, 12
Length of Course: Year Prerequisite: None
 This course is designed as a beginning class in Spanish. Students will develop initial listening, speaking, reading, and writing skills with emphasis placed on enabling students to function in practical situations. Among other topics, they will learn how to talk about themselves, friends, families, interests, and daily activities. They will also learn about the culture and people of selected Spanish-speaking countries. Language instruction should be done primarily in the target language.
- 360 **SPANISH 2 * NCAA** 9, 10, 11, 12
Length of Course: Year Prerequisite: Teacher Recommendation
 This course reinforces and further develops listening, speaking, reading, and writing skills acquired in Spanish 1. Instruction will be primarily in the target language. Continued emphasis will be placed on practical use of the language. Students will extend their ability to communicate about topics such as recreational activities, travel, food, school experiences, health, careers, and family relationships. Students will further develop their appreciation of Spanish-speaking people and their cultures.
- 361 **SPANISH 3 * NCAA** 10, 11, 12
 390 **SPANISH 3 IB * NCAA** 10, 11, 12
Length of Course: Year Prerequisite: Teacher Recommendation
 This course builds skills learned in Spanish 1 and Spanish 2. Emphasis is placed on conversational fluency in increasingly complex situations. Coursework includes selected higher level reading materials (including short stories, poetry, articles, and/or abridged novels), writing exercises, oral presentations, and a variety of advanced oral interaction. As such, this course aims to develop linguistic confidence and enhance the appreciation of the cultural and dialectal differences of Spanish speaking countries. Spanish 3 is taught primarily in the target language. Spanish 3 IB is not a weighted grade course because it is a pre-IB course not directly linked to an IB exam.
- 362 **SPANISH 4 * NCAA** 11, 12
Length of Course: Year Prerequisite: Teacher Recommendation
 This is a college level course designed to hone all skills learned in previous courses; including speaking, listening, reading and writing. Special emphasis is placed on grammatical accuracy in these areas, building vocabulary, and developing fluid speech in real world situations. Students will also be exposed to the cultures of various Spanish-speaking countries.
- 389 **SPANISH LITERATURE 4 * NCAA** 11
Length of Course: Year Prerequisite: Spanish for Spanish Speakers 3
 This course is designed to introduce students to a variety of Spanish authors, both in prose and poetry, and to equip them to discuss the literature in appropriate terms. A variety of methods will be used including reading, writing essays, group discussion and skits. Students will be expected to write and speak using proper Spanish and good grammar.
- 378 **SPANISH 4 AP * NCAA** 11, 12
 334 **SPANISH 4 SL * NCAA** 11, 12
 335 **SPANISH 4 HL1 * NCAA** 11, 12
Length of Course: Year Prerequisite: Teacher Recommendation
 This is a college level course designed to prepare students for the AP Exam and/or the IB Exam in Spanish. All skills learned in previous courses are honed; including speaking, listening, reading, and writing. Special emphasis is placed on grammatical accuracy in these areas, building vocabulary, and developing fluid speech in real world situations. Additionally, students will be exposed to the cultures of Spanish-speaking countries.
- 368 **SPANISH 5 * NCAA** 11, 12
 364 **SPANISH LITERATURE 5 AP * NCAA** 11, 12
 367 **SPANISH 5 SL * NCAA** 11, 12
 365 **SPANISH 5 HL2 * NCAA** 11, 12
Length of Course: Year Prerequisite: Teacher Recommendation
 This class will be a rigorous course of study to prepare the student to take the AP Exam and/or the IB Exam. The emphasis of the course will be on developing reading, speaking, listening, and writing skills. Students will read short stories, periodicals, and a variety of other materials and continue to refine and increase their grammatical knowledge and vocabulary. Spanish will be spoken in a variety of situations from role-playing to political speeches and question/answer periods. There will be some emphasis placed on the historical and cultural aspects of the Hispanic heritage.

LEGEND

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- * College Prep
 ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
 *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
 EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
 Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
 NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 397 **CONVERSATIONAL SPANISH** * NCAA (pending UC and NCAA approval) 10, 11, 12
Length of Course: Year **Prerequisite:** Spanish 2, Teacher Recommendation
This course is primarily designed to improve the fluency of speakers with limited oral proficiency in Spanish and concentrates on the active expansion of vocabulary, as well as listening and speaking skills in general. Students are also introduced to Spanish dialect variations of both American and Peninsular Spanish.
- 384 **SPANISH FOR SPANISH SPEAKERS 1** * NCAA 9, 10, 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
This course is designed to incorporate elements of the Spanish 2 curriculum while focusing on the needs and abilities that native speakers of Spanish bring to the classroom. The course will further develop language competence in speaking, reading, writing, and oral comprehension. Emphasis will be placed on linguistic accuracy through the study of literary works by Spanish and Latin American authors. In addition, students will be exposed to dialects and colloquialisms of the Spanish-speaking world. This course will encourage students to continue the study of their native language, and to foster interest in all academics. The course will create a positive, nurturing environment, and build the students' self esteem.
- 385 **SPANISH FOR SPANISH SPEAKERS 2** * NCAA 9, 10, 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
This course is designed to incorporate elements of the Spanish 3 curriculum while focusing on the needs and abilities which heritage learners of Spanish bring to the classroom. The course will develop language competence in speaking, reading, writing, and oral comprehension necessary to succeed in university and workplace settings. Emphasis will be placed on linguistic accuracy, thus increasing sophisticated use of the language through the study of classical and contemporary literary works. This course will prepare students to enter advanced honors and AP level courses. It will create a positive, nurturing environment that builds self-esteem and pride in one's heritage, while learning about other cultures of the Spanish-speaking world.
- 387 **SPANISH 3 TWO-WAY DUAL IMMERSION** * NCAA 9
Length of Course: Year **Prerequisite:** Teacher Recommendation
This rigorous course is exclusively conducted in Spanish. Materials studied include advanced grammar, literature, listening comprehension and speaking. A variety of texts are used from grammar books to literature books, newspapers, magazine articles, listening tapes, guest speakers and the Internet. Students read novels in Spanish to share with the class book club.
- 388 **SPANISH 4 AP TWO-WAY DUAL IMMERSION** * NCAA 10
Length of Course: Year **Prerequisite:** Spanish 3 Two-Way Dual Immersion
The objective of this course is to introduce students to the study of prose, poetry, and theater in Spanish from the Middle Ages to present day. Works covered will include authors from both Spain and the Americas, and students will also be exposed to appropriate historical and cultural background. The language of instruction will be Spanish.

MATHEMATICS

Additional electives are offered through Business which meets one year of the Mathematics graduation requirements. See Computerized Accounting on page 2 and Business Mathematics on page 3.

- 436 **MATH A** 9, 10
069 **MATH A SHELTERED** 9, 10
Length of Course: Year **Prerequisite:** Teacher Recommendation
Math A is concerned with the interpretation of numbers and their properties. The major content areas are: numbers and operations with and without a calculator, algebra, geometry, probability, statistics, measurement, problem solving, and the vocabulary of mathematics. The purpose of this course is to develop a basic understanding of the mathematics and practical skills needed for matriculation to Algebra 1, standardized tests and future life applications. The curriculum in sheltered classes is delivered using Specially Designed Academic Instruction in English (SDAIE).
- 406 **ALGEBRA 1A** * NCAA (.5 Units Max) 9, 10, 11
086 **ALGEBRA 1A Sheltered** * NCAA (.5 Units Max) 9, 10, 11
407 **ALGEBRA 1B** * NCAA (.5 Units Max) 10, 11, 12
087 **ALGEBRA 1B Sheltered** * NCAA (.5 Units Max) 10, 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
Algebra 1A/1B together cover the same content with the same rigor contained in the one year Algebra 1 course. Algebra 1 content is covered over two years to meet the needs of students who need more time, reinforcement and practice to grasp algebraic concepts and mature mathematically. The curriculum in sheltered classes is delivered using Specially Designed Academic Instruction in English (SDAIE).

LEGEND

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- * College Prep
** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
*** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 408 **ALGEBRA 1 * NCAA** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Algebra 1 is concerned with a systematic study of numbers and their properties. There are eight major content areas in Algebra 1: functions, algebra, geometry, statistics and probability, discrete mathematics, measurement, number, logic and language. It is the aim of this course to develop a good understanding of mathematics, as well as the practical skills that will be need for life applications.
- 412 **GEOMETRY * NCAA** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
- 425 **GEOMETRY MEDSCI * NCAA** 10
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course is a study of geometric figures in two and three dimensions. It is designed to increase a student's understanding of spatial relations. Emphasis is also placed upon applying algebra to geometric problem solving, and applying the basic terminology and concepts of geometry in a logical and organized manner.
- 432 **GEOMETRY HONORS/IB * NCAA** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course is designed for students who desire a rigorous geometry course and who plan to study mathematics through all four years of high school. In addition to covering all of the topics of a regular geometry course in greater depth, other topics will be included.
- 411 **INTERMEDIATE ALGEBRA 2 * NCAA** 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course is a differentiated Algebra 2 curriculum which gives students the necessary background needed for a successful level of achievement on the CST (California Standards Test) and college level entrance exams. This course includes such topics as complex numbers, relations, functions and systems of equations.
- 409 **ALGEBRA 2 * NCAA** 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
- 427 **ALGEBRA 2 MEDSCI * NCAA** 11
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Students in this course are expected to be competent in the mathematical skills of Algebra 1 and Geometry. The major content areas are: quadratic functions, polynomials and logarithmic concepts, practical applications, sequences, series, statistics and probability. Appropriate calculator usage will be emphasized. This course is recommended for college-bound students.
- 418 **ALGEBRA 2 HONORS/IB * NCAA** 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Students entering this course must be highly proficient in mathematical content of Algebra I and Geometry. Emphasis will be placed on the standards of Algebra 2 including linear, quadratic, polynomial and logarithmic functions, conics, exponential and rational functions, statistics and probabilities, and sequences and series. In addition, this course will go beyond the scope of college prep Algebra 2 by encouraging students to think critically and abstractly. Real World applications will be an integral part of this course. The graphing calculator or computer may be used as a tool. An independent project may be required. This rigorous course is designed to provide a superior foundation in mathematics.
- 415 **MATH ANALYSIS * NCAA** 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
- 438 **MATH ANALYSIS MEDSCI * NCAA** 11
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course provides a complete and comprehensive treatment of trigonometry and analytic geometry. Content will include sequences, series, and in-depth study of functions, including quadratic, polynomial, and logarithmic. Additional topics include systems of equations, conic sections, polar coordinates, vectors, and their applications. The course thoroughly covers the concepts needed to properly prepare a student for the study of calculus.
- 433 **MATH ANALYSIS HONORS/IB * NCAA** 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course prepares the student for a rigorous course in Calculus. Honors Math Analysis differs from the Math Analysis course in that it is proof-oriented, provides for more challenging in-depth abstract concept development, includes activities with a graphing calculator and may require an individual research project. This course also covers all the topics in the Math Analysis curriculum and begins the study of differential calculus.

LEGEND

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 417 **STATISTICS * NCAA** 11, 12
Length of Course: Year **Prerequisite: Algebra 2 or Teacher Recommendation**
 This course is an introduction to probability and statistics with emphasis on techniques and applications that are useful in business, engineering, social and biological sciences. Students taking this course have successfully completed Algebra 2 and are seeking to complete an elective college prep math course.
- 416 **STATISTICS AP * NCAA** 11, 12
Length of Course: Year **Prerequisite: Algebra 2, Teacher Recommendation**
 This probability and statistics college level course prepares students to take the Statistics AP exam. The course is designed for students who have completed Algebra 2 ("B" grade or better) and who wish to pursue advanced mathematics with practical applications rather than analysis or calculus. This course will be particularly useful to students pursuing studies in the social sciences, including economics, business and psychology.
- 426 **CALCULUS AB AP * NCAA** 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Calculus AB is a course in elementary functions and introductory calculus. Topics studied include limits, derivatives, applications of the derivative, and indefinite and definite integrals. The selection of topics meets the requirements set forth in the syllabus of the College Entrance Exam Board for the AB AP Exams. This course is designed to meet specific IB requirements.
- 419 **CALCULUS BC AP * NCAA** 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Calculus BC is a year course in calculus, considerably more intensive than Calculus AB. All of the topics in Calculus AB are included. In addition, vector functions, advanced techniques of integration, sequences, series, and more advanced differential equations are studied. The selection of topics meets the requirements set forth in the syllabus of the College Entrance Examination Board for the BC AP Exams. This course is designed to meet specific IB requirements.
- 445 **MATH STUDIES SL * NCAA** 11, 12
Length of Course: Year **Prerequisite: Algebra 2, Teacher Recommendation**
 This probability, statistics, and college algebra course prepares students to take the Statistics AP and/or Math Studies IB exams. This course is designed for students who have completed Algebra 2 and who wish to pursue advanced mathematics with practical applications rather than analysis or calculus. This course will be particularly useful to students pursuing studies in the social sciences, including economics, finance, business and psychology. The breadth of this course will demonstrate to students how data analysis through problem solving can provide a deeper understanding of mathematical modeling and its applications to the real world.
- 446 **MATH SL * NCAA** 11, 12
Length of Course: Year **Prerequisite: Math Analysis, Teacher Recommendation**
 This course prepares students to take the IB Mathematical Methods Standard Level Exam which includes the Statistical Methods Option. Topics studied include sequences, functions, trigonometry, vectors, calculus (derivatives and integrals), probability, and statistics. Use of a graphing calculator will be required. This course is designed to meet specific IB requirements.

PERFORMING ARTS

All Performing Arts courses meet District one-year Fine Arts/Foreign Language/Practical Arts requirements.

- 601 **CONCERT BAND EC** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Concert Band is an introductory course to high school wind and percussion literature. Emphasis is placed on developing basic performance skills. Literature ranges from simple to moderate levels. Rehearsals stress preparation of concert music, fundamentals of wind and percussion technique, music reading, music history, and basic music theory. Performances include concerts, festivals, and related school activities. Attendance at all rehearsals and performances are required. An activity fee may be required for this course.

LEGEND

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (*see page 6 of the High School Registration Guide*)
- NCAA Meets NCAA Freshman Eligibility (*see page 7 of the High School Registration Guide*)

- 602** **MARCHING BAND** **EC** **9, 10, 11, 12**
Length of Course: Semester **Prerequisite:** Teacher Recommendation
 Emphasis is placed on Marching Band performances such as parades, football games and field tournaments. This is an active organization with many rehearsals and performances in addition to classroom time. Rehearsals begin in late August. Contact the director for schedule. Attendance at all rehearsals and performances required. Students enrolled in this semester course are eligible for an exemption of one semester of the Physical Education graduation requirement. Additional information and exemption request forms must be obtained in the high school Guidance Office. This course does not fulfill the District fine arts graduation requirement. An activity fee may be required for this course.
- 606** **DRUMLINE** **EC** **9, 10, 11, 12**
Length of Course: Semester / Year **Prerequisite:** Teacher Recommendation
- 606** **SYMPHONIC BAND** ***/** EC** **9, 10, 11, 12**
Length of Course: Semester / Year **Prerequisite:** Teacher Recommendation
 Symphonic Band is comprised of accomplished musicians who play moderate to difficult music that requires considerable skill. Rehearsals stress preparation of concert music, fundamentals of proper wind and percussion technique, music reading, music history, and music theory. The Symphonic Band presents musical programs for the school and the community as well as participating in judged festivals. Attendance at all rehearsals and performances is required. An activity fee may be required for this course.
- 603** **ORCHESTRA** ***/** EC** **9, 10, 11, 12**
Length of Course: Year **Prerequisite:** Teacher Recommendation
 The orchestra enrolls musicians who play violin, viola, cello, string bass, piano, and harp. Emphasis throughout the year is on preparation of the finest orchestral literature. Rehearsals stress fundamentals of proper string technique, music reading, music history, and music theory. The orchestra presents musical programs for both the school and the community, which includes concerts, festivals, seasonal programs, and the Spring Musical. Attendance at all rehearsals and performances is required. An activity fee may be required for this course.
- 632** **INTERMEDIATE ORCHESTRA** ***/** EC** **9, 10, 11, 12**
Length of Course: Year **Prerequisite:** Teacher Recommendation
 Intermediate Strings ensemble is comprised of musicians who play violin, viola, cello, string bass, piano, and harp. Emphasis is placed upon development of proper techniques, music reading, ear training, music history and music theory. The Intermediate Strings ensemble presents musical programs for the school and the community as well as participating in judged festivals. Attendance at all rehearsals and performances is required. An activity fee may be required for this course.
- 633** **ADVANCED ORCHESTRA** ***/** EC** **9, 10, 11, 12**
Length of Course: Year **Prerequisite:** Teacher Recommendation
 The Advanced String Ensemble is an elite group of musicians who play violin, viola, cello, double bass, or piano. This group plays compositions of the great Masters as well as contemporary pieces by local and student composers. Private lessons are strongly encouraged, and extensive practice outside of class is expected. Extra rehearsals and performances may be scheduled, and attendance is required. An activity fee may be required for this course.
- 604** **JAZZ ENSEMBLE** ***/** EC** **9, 10, 11, 12**
Length of Course: Year **Prerequisite:** Teacher Recommendation
 The Jazz Ensemble is comprised of musicians who wish to gain experience in musical idioms based on the "Jazz Tradition". These include Early Jazz, Swing, Bebop, Modal Jazz, Blues, Fusion, and Funk. The Jazz Ensemble is an elite group which performs at concerts and competitive festivals. Guest artists perform with the ensemble regularly, and conduct clinics as well. Extensive practice outside of class time is expected. Instruments accepted are: trumpet, trombone, saxophone, piano, bass, drums, guitar, and auxiliary percussion. Attendance at all rehearsals and performances is required. An activity fee may be required for this course.

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC** Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep** Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA** Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 605 **WIND ENSEMBLE */** EC** 9, 10, 11, 12
Length of Course: Semester / Year **Prerequisite: Teacher Recommendation**
 The Wind Ensemble is an elite group of wind and percussion players that perform the most advanced and challenging compositions. The course is designed to continue the development in all areas of musical performance and understanding, which were introduced in Symphonic Band. Extensive practice outside of class is required, and private lessons are strongly encouraged. Attendance at all rehearsals and performances is required. An activity fee may be required for this course.
- 607 **ENSEMBLE CLASS EC** 9, 10, 11, 12
Length of Course: Semester / Year **Prerequisite: Teacher Recommendation**
 Here's your chance to play in groups of two, three, four, and five, and get the small ensemble experience not available through any other instrumental group. Ensembles are of all types of instruments, like and mixed. Playing in ensembles develops independence, enhances musicianship, and improves reading and technique. An activity fee may be required for this course.
- 608 **BEGINNING GUITAR */**** 9, 10, 11, 12
Length of Course: Semester / Year **Prerequisite: None**
 Students enrolled in this course will acquire knowledge of various types of guitars with both nylon and steel strings. They will develop skills in tuning, right hand technique in both strumming and finger picking, left hand chord positions in 1st position, beginning scales and single line melodies. Students will learn to read standard music notation as well as chord symbols and tablature. During the course of the year, students will gain historical perspective by studying, analyzing and performing music from the historical periods, Renaissance through Contemporary. Students will listen to live and recorded performances to appreciate and assess the technical and aesthetic aspects of guitar musical performance. By working with clinicians and guest artists, students will gain an understanding of performance discipline and be introduced to potential careers in the arts. An activity fee may be required for this course.
- 611 **ADVANCED GUITAR */**** 10, 11, 12
Length of Course: Year **Prerequisite: Beginning Guitar or Teacher Recommendation**
 Students enrolled in this course will continue to acquire advanced knowledge of various types of guitars with both nylon and steel strings. They will develop skills in tuning, right hand technique in both strumming and finer picking, left hand chord positions in 1st position and up the entire finger board, advanced scales, modes and single line melodies. Students will continue to read standard music notation as well as chord symbols and tablature. During the course of the year, students will gain historical perspective by studying, analyzing and performing music from the historical periods, Renaissance through Contemporary. Students will listen to live and recorded performances to appreciate and assess the technical and aesthetic aspects of guitar musical performance. By working with clinicians and guest artists, students will gain an understanding of performance discipline and be introduced to potential careers in the arts. An activity fee may be required for this course.
- 612 **CONCERT CHOIR */** EC** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Students enrolled in this course will develop vocal production skills and learn the language of music. Music reading and ear training will be emphasized. Students will study, learn and perform repertoire from the various historical periods. Students will listen to recordings and attend festivals to hear live performances of choral works. Clinicians and guest artists will give students ideas about potential careers in the performing arts. An activity fee may be required for this course.
- 614 **CHAMBER CHOIR */** EC** 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Students enrolled in this course will continue to develop vocal production skills and learn the language of music. Advanced concepts in music reading, ear training and singing in 3 and 4 part SATB harmony will be emphasized. Students will study, learn and perform advanced repertoire from the various historical periods. Students will listen to recordings and attend festivals to hear live performances of choral works. Students will perform at festivals and contest for adjudication. Some choreography may be required as well as an activity and attire fee. Clinicians and guest artists will give students ideas about potential careers in the performing arts.
- 615 **TREBLE CHOIR */** EC** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Students enrolled in Treble Choir will develop vocal production skills and learn the language of music. Music reading, ear training, and singing in 3 and 4 parts for treble voices will be emphasized. Students will study, learn and perform repertoire from the various historical periods. Students will listen to recordings and attend festivals to hear live performances of choral works. Clinicians and guest artists will give students ideas about potential careers in the performing arts. An activity fee may be required for this course.

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- * College Prep
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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 619** **COLOR GUARD EC** **9, 10, 11, 12**
Length of Course: Semester / Year **Prerequisite: Approval Through Spring Tryout Process**
 Flag/Banner and Color Guard provide an opportunity to participate in a competitive group activity. Students learn marching skills, marching to music, handling of equipment and creating and teaching routines. Leadership and group cooperation are stressed. Performance includes all parades and football field shows with the band and separate competitive performance with other color guards. Students enrolled in this Semester / Year course are eligible for an exemption of one Semester / Year of the Physical Education graduation requirement. Additional information and exemption request forms must be obtained in the high school Guidance Office. An activity fee may be required for this course.
- 609** **MUSIC APPRECIATION */**** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: None**
 A survey of the history of music primarily focuses on the structures, forms, and notation systems of Western music from Medieval to Modern times. This course emphasizes listening skills, research, and written exposition. Ability to read music is not required but will be advantageous to the student.
- 638** **MUSIC COMPOSITION SL */**** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course is designed to meet the requirements of the music curriculum for the IB Program, as well as provide the general student with knowledge of music theory and harmony. The student will analyze music from the Plainsong Era through the Renaissance, Baroque, Classical, Romantic and 20th Century. Students will also compose music in the various stylistic periods, as well as the contemporary popular form.
- 640** **MUSIC SOLO PERFORMANCE SL */** EC** **11, 12**
641 **MUSIC HL1 */** EC [TH]** **11, 12**
642 **MUSIC HL2 */** EC [TH]** **11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 The IB music performance program includes an analytical study of a substantial piece of prescribed music that represents a significant musical development in its genre, era, and socio-cultural context. Students will also study a wide range of musical examples from different parts of the world, genres, and styles. Students will learn about musical structure, function and expressive character, musical elements, musical terminology and notations, and historical and cultural contexts. Students will creatively develop their knowledge, abilities and understanding through performance and composition and develop their potential as musicians both personally and collaboratively.
- 635** **ROP MUSIC TECHNOLOGY */**** **11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course will introduce students to the uses, concepts, techniques, and terminology computing through music applications. The student will gain experience with current hardware and software for music sequencing, notation, synthesis, and music performance practice. This class is also designed as an introduction to music fundamentals, notation, and theory through computer technology, such as MIDI and digital recording.
- 622** **DRAMA 1 */** EC** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: None**
 This yearlong course provides group and individual activities in body control, voice, diction, and pantomime. The creation of characters, projection of ideas and emotions are practiced in preparing and acting in scenes from plays. Students study the techniques of acting for both the stage and television. The course develops language skills and appreciation through reading and interpreting dramatic literature, writing critiques, analyzing characters, listening critically, and speaking effectively. Students are introduced to the production aspects of a theater performance through basic set, lighting, costume, and make-up design.
- 623** **DRAMA 2 */** EC Tech Prep** **10, 11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course is designed for those students who have successfully completed Drama 1. It continues to emphasize styles and broadens the students' knowledge of directional techniques. It further provides the student with the opportunity to develop the actor/director relationship by investigating various methods of character development. The dramatization of a one-act play, with all production aspects will be emphasized. Readers' theater techniques may be offered. An introduction of theater history and acting styles is emphasized.

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- * College Prep
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- EC** Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep** Tech Prep Courses (see page 6 of the High School Registration Guide)
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- 624 **DRAMA 3** */** EC 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This course provides for the advanced student who studies more difficult drama, explores staging techniques, examines theater from a director's viewpoint, studies contemporary playwrights, and continues to refine acting skills. The students participate in the fall production, as well as in the spring, performances for the community and various drama festivals.
- 628 **DRAMA 4** */** EC 11, 12
 636 **THEATRE ARTS HL1** */** EC 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This course provides rehearsal and performance for the advanced actor and serious drama student. Directing and acting techniques involved in polishing and perfecting theater performances will be demonstrated.
- 629 **DRAMA 5** * EC 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This course provides intensified rehearsals and performance for the advanced actor and serious drama student. Directing and acting techniques involved in polishing and perfecting theater performances will be demonstrated. Students in this course are expected to be proficient in world drama and American drama. Concentration will be on Theater of the Absurd writers and Performance Art integrated with electronic media.
- 626 **DRAMA WORKSHOP** */** EC 10, 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
 In drama workshop, students maintain and extend the skills and appreciation learned in Drama 1. Emphasis is on working with drama from the standpoint of both the actor and the director. From this class will come a semester presentation of student produced plays. All students are part of the stage crew and are required to learn the technical aspects of theater production.
- 637 **THEATRE ARTS HL2** */** EC 11, 12
Length of Course: Year **Prerequisite:** Drama 2, Audition and Teacher Recommendation
 This course is designed for students who have a strong interest in drama. The aim of the program in IB Theatre Arts is to understand the nature of the art of theatre production and performance. This is explored through performance skills, historical and theoretical developments in the theatre, play analysis and interpretation and theatrical production/design studies. This course is designed for the serious drama student who plans to study drama for three to four years of high school.
- 620 **MUSICAL THEATRE WORKSHOP** EC 9, 10, 11, 12
Length of Course: Semester **Prerequisite:** Teacher Recommendation
 The course is offered in conjunction with the production of a major Broadway musical show by the combined efforts of the Performing Arts department. It culminates in several public performances. For performers there is an emphasis on training in voice techniques, singing techniques, movement for the stage, dance and acting for the musical theater. For theater technicians, students may elect to be on the stage management or technical theater emphasis in the class. These students will study set construction, set painting, sound design, props construction, costume construction and make-up design. Students develop a general knowledge of the origins and literature of musical theater. An activity fee may be required for this course.
- 621 **PLAY PRODUCTION** EC 11, 12
Length of Course: Semester / Year **Prerequisite:** None
 Students study all activities involved in producing a play. These include script analysis, scenic design, set construction, scenery painting, prop and wardrobe management, and the development of lighting and sound plots. The off-stage aspects include house management, publicity, playbill design, ticket sales, and business activities. After school work is required. Students may re-enroll in the course with permission.
- 859 **SCRIPT WRITING AND CINEMATIC PRODUCTION** EC 11, 12
Length of Course: Year **Prerequisite:** Drama 2, Teacher Recommendation
 This advanced course in theatre arts includes the components of cinematic study, script writing, directing, and actual film production of dramatic works. It provides a valuable option for the advanced drama student who excels in writing and directing. The complete process of creation and production of student work, captured in a final video product will be the ultimate focus of the program.

LEGEND

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PHYSICAL EDUCATION

A student in 9th grade must enroll in physical education. If a student meets the Physical Fitness Test (PFT) "Healthy Fitness Zone" (HFZ) proficiency level in 9th grade, the student may elect to take the remaining two semesters during either the 10th, 11th or 12th grade. Students who do not meet the PFT HFZ performance level in 9th grade must take PE in 10th grade. No student will receive credit for more than eight (8) semesters of physical education.

- 524 **PHYSICAL EDUCATION (MODIFIED)** 9, 10, 11, 12
Length of Course: Semester **Prerequisite:** Administrative Permission
 This physical education program is modified for students with medical limitations.
- 509 **PHYSICAL EDUCATION COURSE 1** 9
Length of Course: Year **Prerequisite:** None
 This course is the high school introduction course of the Physical Education experience. This is a required year course intended for 9th grade students. Students will explore cardiovascular endurance, muscular endurance, coordination, flexibility and muscular strength through such units as individual and dual activities, health-related fitness, aquatics and rhythms/dance.
- 510 **PHYSICAL EDUCATION COURSE 2** 10, 11, 12
Length of Course: Year **Prerequisite:** None
 This required course, designed for students who have successfully completed PE Course 1, will provide review, continuation and maintenance of physical fitness concepts and healthy lifestyles. It is recommended for the 10th grade year. Students will combine and apply movement patterns to progress from simple to complex in a variety of activities, including team activities, gymnastics/tumbling and combatives.
- 515 **BEGINNING DANCE** 10, 11, 12
Length of Course: Semester **Prerequisite:** None
 This course will introduce basic dance moves and techniques from ballet to jazz. Students will be introduced to dance aerobic unit. Students will improve their cardiovascular and body toning. The students will also be able to put together their own dance and aerobic routines.
- 516 **INTERMEDIATE DANCE** 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This class continues to increase body conditioning through aerobic dance and provides increased study in techniques in ballet, modern dance, and jazz dancing. Students begin to choreograph their own dance numbers. This course satisfies the Fine Arts requirement after the two year PE requirement has been met.
- 518 **ROP DANCE PRODUCTION EC** 11, 12
 517 **DANCE PRODUCTION EC** 9, 10, 11, 12
Length of Course: Semester **Prerequisite:** Teacher Recommendation
 Dance Production is a choreography and production class designed for the student who has previous experience in ballet, jazz, or modern dance. Students in this class choreograph and perform in the spring musical and then present a program of original dance compositions for their own show. This course satisfies the Fine Arts requirement after the two year PE requirement has been met.
- 506 **BADMINTON** 11, 12
Length of Course: Semester **Prerequisite:** None
 This elective course will introduce students to advanced skills, knowledge and strategies. Students will be able to improve cardiovascular endurance through stroke production and improved footwork. Cooperation and teamwork will be developed through offensive and defensive strategies. This course does not satisfy the PE graduation requirement.
- 520 **AEROBICS** 10, 11, 12
Length of Course: Semester **Prerequisite:** Physical Education Course 1 509
 This course is designed to help students develop their overall fitness in a non-competitive atmosphere. Students will use various types of exercises to develop their fitness and carry over into their lives the idea of "fitness for life." Students participate in four types of exercises: Yoga, using challenging poses to improve flexibility and balance; Tae Bo, using self defense moves to improve strength and endurance; Aerobics, using fitness enhancement activities to increase endurance; and Pilates, using exercise designed to strength and tone.

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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
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- 519 **WEIGHT TRAINING** 10, 11, 12
 551 **ATHLETIC WEIGHT TRAINING** 10, 11, 12
Length of Course: Semester **Prerequisite: Teacher Recommendation**
 This course will allow students to experience improvements in their own fitness levels, especially muscle strength, muscular endurance, body composition, as well as cardiovascular improvements that can and will be measured using Fitness Gram assessments and actual strength testing lifts. Advanced concepts related to muscle physiology, workout program types and purpose, nutrition and safety will be addressed.
- 504 **ATHLETICS EC** 9, 10, 11, 12
 513 **Length of Course: Semester** **Prerequisite: Teacher Recommendation**
 This program provides members of school athletic teams with the opportunity to prepare for and participate in athletic competition. Students enrolled in this course are eligible for an exemption of one semester of the Physical Education graduation requirement. Additional information and exemption request forms must be obtained in the high school Guidance Office.
- 505 **PEP SQUAD EC** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Approval Through Spring Tryout Process**
 Pep Squad provides students the opportunity to be role models, spirit boosters, and school leaders throughout the school year. Pepsters learn routines and dances for performance at athletic events, assemblies, and pep rallies. Additionally, pepsters learn to work with groups and individuals to problem solve, make decisions and manage time while participating in extra-curricular activities. Pep Squad members must meet all eligibility requirements. A uniform fee is required. Students enrolled in this year course are eligible for an exemption of one year of the Physical Education graduation requirement. Additional information and exemption request forms must be obtained in the high school Guidance Office.

SCIENCE

Thirty (30) units of Science are required for graduation. Ten (10) units must be in Physical Sciences, 10 units in Life Sciences, and 10 units in any science course.

Courses that meet each of these area requirements are listed below:

PHYSICAL SCIENCES

Intro to Earth Science
 Earth Science
 Intro to Physical Science
 Physical Science
 Chemistry, Conceptual Chemistry, Chemistry Honors,
 Chemistry AP, Chemistry SL/HL1/HL2
 Observational Astronomy
 Physics, Physics Honors, Physics B/C AP,
 Physics SL/HL1/HL2

LIFE SCIENCES

Intro to Life Science
 Conceptual Biology
 Biology, Biology AP, Biology SL/HL1/HL2
 Marine Biology
 Physiology/Anatomy
 Physiology/Anatomy Honors
 Agriculture Science
 Agriculture Biology
 Veterinary Science

OTHER SCIENCES

Intro to Integrated Science*
 Integrated Science*
 Oceanography
 Science & Technology Exploration Lab

**Can be used to meet the Physical Sciences or Life Sciences requirement*

- 729 **INTRODUCTION TO EARTH SCIENCE** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Introduction to Earth Science includes a study of the basic topics associated with the area of earth science: meteorology, geology, oceanography, and astronomy. The course is designed with laboratory investigations reinforcing the textbook material being presented.
- 706 **EARTH SCIENCE * NCAA** 9, 10, 11, 12
Length of Course: Year **Prerequisite: None**
- 717 **EARTH SCIENCE ELECTRONIC LEARNING * NCAA** 9, 10, 11, 12
- 074 **EARTH SCIENCE SHELTERED * NCAA** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 A study of the earth, its materials, processes, history, and place in the universe. This lab course also provides a broad understanding of the biophysical environment, both natural and man-made, and its role in contemporary society. The course includes topics required by District and State Science Content Standards. The curriculum in sheltered classes is delivered using Specially Designed Academic Instruction in English (SDAIE).

LEGEND

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 EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
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722	<u>INTRODUCTION TO LIFE SCIENCE</u> Length of Course: Year	9, 10, 11, 12 Prerequisite: Teacher Recommendation
This course is a general survey course which provides the student with the opportunity to explore the basic concepts related to cell biology, simple organisms, plants, animals, human biology, heredity and genetics, ecology and evolution. All work will center on the scientific method, and will include the practical use of basic laboratory equipment and materials to expand the investigative portion of the class while reinforcing the course content.		
689	<u>CONCEPTUAL BIOLOGY</u> Length of Course: Year	9, 10, 11, 12 Prerequisite: None
068	<u>CONCEPTUAL BIOLOGY SHELTERED</u> Length of Course: Year	9, 10, 11, 12 Prerequisite: Teacher Recommendation
This course is designed for those students not planning to enroll in Biology, Chemistry, or Physics. The curriculum in sheltered classes is delivered using Specially Designed Academic Instruction in English (SDAIE) strategies. Students will study basic concepts in cell biology, simple organisms, plants, animals, human biology, heredity and genetics, ecology and evolution. The scientific process will be emphasized in classwork and lab work.		
715	<u>INTRODUCTION TO INTEGRATED SCIENCE</u> Length of Course: Year	11, 12 Prerequisite: Teacher Recommendation
This course is a general survey course which provides the student with the opportunity to explore the basic concepts related to all sciences with a special emphasis on physical sciences. This course will cover integrated units including ecology, measurement, mechanics, energy, water, air and land pollution as they relate to the environment.		
714	<u>INTEGRATED SCIENCE * NCAA</u>	11, 12
076	<u>INTEGRATED SCIENCE SHELTERED * NCAA</u> Length of Course: Year	11, 12 Prerequisite: Teacher Recommendation
This course is designed to meet the third year science requirement for graduation, as well as satisfying the UC/CSU "g" Elective course requirement. The course is lab based and will explore principles of earth science, biology, chemistry and physics. The curriculum in sheltered classes is delivered using Specially Designed Academic Instruction in English (SDAIE).		
701	<u>BIOLOGY * NCAA</u>	9, 10, 11, 12
704	<u>BIOLOGY ELECTRONIC LEARNING * NCAA</u>	9, 10, 11, 12
676	<u>BIOLOGY HL1 *NCAA</u>	9, 10, 11, 12
684	<u>BIOLOGY ELECTRONIC LEARNING HL1 *NCAA</u>	9, 10, 11, 12
672	<u>BIOLOGY MEDSCI * NCAA</u> Length of Course: Year	10 Prerequisite: Teacher Recommendation
Biology is a study of the basic concepts concerning all life forms, including plants and animals. The goal of the laboratory portion is to reinforce and enrich the topics introduced in textbooks and classroom discussions. A primary goal of the course is to enable students to use modern scientific knowledge to reach informed decisions concerning biological and human affairs.		
703	<u>BIOLOGY AP * NCAA</u>	11, 12
675	<u>BIOLOGY SL * NCAA</u>	11, 12
677	<u>BIOLOGY HL2 * NCAA</u> Length of Course: Year	11, 12 Prerequisite: Biology, Chemistry, Teacher Recommendation
This course is designed to prepare the student for the AP and IB Exams. This course proceeds at an accelerated pace, while providing the student with an in-depth survey of the principles of biology. In addition, the AP/IB Biology course will include qualitatively different laboratory experiences stressing research techniques commonly used in college laboratories. This course meets the specific IB requirements.		
711	<u>OCEANOGRAPHY * NCAA</u> Length of Course: Year	11, 12 Prerequisite: Teacher Recommendation
This course is designed for students who have completed two years of high school science which should include one physical science and one life science. The study will be lab based and will cover integrated units which include the science of marine geology (mineralogy, topography), marine chemistry, meteorology, hydrology, physics (tides, waves) and marine biology. Extensive lab activities will be provided including dissection of marine organisms.		

LEGEND

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- * College Prep
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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
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- 710 **MARINE BIOLOGY * NCAA** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course is identical to Biology, but with an emphasis on the marine. The five kingdoms, oceanography, comparative zoology, taxonomy, ecology, cytology, genetics and organic chemistry are the major themes covered. Extensive lab activities include plankton studies, dissections of the sea star, clam, squid, lobster, fish, and dogfish shark. Other biology labs are also included.
- 705 **PHYSIOLOGY / ANATOMY * NCAA** 11, 12
 674 **PHYSIOLOGY / ANATOMY MEDSCI * NCAA** 12
Length of Course: Year **Prerequisite: Biology, Teacher Recommendation**
 A study of Human Anatomy and Physiology is designed to give students an understanding of the structure and functions of the systems of the human body. This course emphasizes a functional and applied approach which will benefit the general student population. The course also provides a sound background for those interested in careers in the fields of medicine, physical therapy, physical education, and public health. The student will learn advanced laboratory techniques designed to explore the many parameters of human structure and function.
- 702 **PHYSIOLOGY / ANATOMY HONORS * NCAA** 11, 12
Length of Course: Year **Prerequisite: Biology, Teacher Recommendation**
 This course is an in-depth investigation of the body systems, their structure and function, both under normal circumstances as well as during times of illness, injury, or disease. The course emphasizes significant examination of the body through expansive lab investigations. Deeper discussions and assignments encompassing osteology, myology, body composition, biomechanics, neurology, hematology, cardiology, exercise and respiratory physiology, metabolism-nutrition, and urology highlight the class. The student will become more involved and familiar with the usage of equipment, computer analyses, and additional laboratory techniques not normally implemented at the secondary level. The course affords students an excellent exposure to the subject matter should they be contemplating related careers.
- 726 **CONCEPTUAL CHEMISTRY * NCAA (pending)** 10, 11, 12
Length of Course: Year **Prerequisite: Algebra 1, Teacher Recommendation**
 This course deals with the structure and composition of matter in addition to emphasizing laboratory experiences to strengthen problem-solving skills and teach basic lab techniques. It provides a broad exposure to chemistry for college-bound, non-science majors ultimately developing scientifically literate individuals.
- 716 **CHEMISTRY * NCAA** 10, 11, 12
 673 **CHEMISTRY MEDSCI * NCAA** 11
Length of Course: Year **Prerequisite: Algebra 1, Teacher Recommendation**
 Chemistry is a one year introductory course that deals with the structure and composition of atomic matter. This course is designed to provide a foundation for those students intending to major in a science related field, as well as to provide the non science students with an understanding of how Chemistry relates to everyday occurrences. This course emphasized laboratory experiences to strengthen problem solving skills and to teach basic lab techniques.
- 679 **CHEMISTRY HL1 * NCAA**
 723 **CHEMISTRY HONORS * NCAA** 10, 11, 12
Length of Course: Year **Prerequisite: Algebra 2, Teacher Recommendation**
 This course is a one year introductory course which deals with the detailed structure and behavior of atomic matter. This course is designed for those students intending to major in a science and to prepare for the AP Chemistry Course and to meet specific IB requirements. As such, it is a rigorous, quantitative approach using laboratory experiences and mathematical problem solving skills to master the main concepts.
- 734 **CHEMISTRY AP * NCAA** 11, 12
 678 **CHEMISTRY SL * NCAA** 11, 12
 680 **CHEMISTRY HL2 * NCAA** 11, 12
Length of Course: Year **Prerequisite: Chemistry, Teacher Recommendation**
 This course emphasizes the basic ideas of stoichiometry, chemical bonding, kinetics, thermodynamics, and chemical equilibrium, and is equivalent to first year college chemistry in difficulty. The course is designed to prepare students for the AP Exam and to meet specific IB requirements.

LEGEND

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 721** **PHYSICS * NCAA** **11, 12**
Length of Course: Year **Prerequisite:** Concurrent Enrollment in Algebra 2, Teacher Recommendation
This course is a challenging year long course designed to prepare students for further studies in the sciences. The course combines lecture, labs, and textbook work in order to provide students with a clear and logical presentation of the basic concepts and principles of physics, and to strengthen an understanding of the concepts and principles through a range of interesting hands on applications. Use of technology is emphasized when appropriate through the use of laser disks and/or computer demonstrations and laboratories.
- 698** **PHYSICS HONORS * NCAA** **10**
682 **PHYSICS HL1* NCAA** **11, 12**
Length of Course: Year **Prerequisite:** Concurrent Enrollment in Algebra 2, Teacher Recommendation
This course is a challenging, introductory, year-long course designed to prepare students for further studies in AP and IB science classes. The content is based on the California Science Content Standards for physics and meets pre-AP/IB requirements. Emphasis is on understanding fundamental physics concepts, development of problem solving skills and critical thinking, and laboratory techniques. In addition, students will conduct research and complete projects. Use of technology is emphasized when appropriate through the use of laser disks, DVD, probeware, and / or computer demonstrations and laboratories.
- 728** **PHYSICS B AP * NCAA** **11, 12**
681 **PHYSICS SL * NCAA** **11, 12**
683 **PHYSICS HL2 * NCAA** **11, 12**
Length of Course: Year **Prerequisite:** Concurrent Enrollment in Math Analysis, Teacher Recommendation
This course is intended to be representative of introductory trigonometry based courses commonly offered in American college and universities. The Physics B course provides a systematic introduction to the main principles of physics and emphasizes the development of problem solving skills and critical thinking. This course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences. This course is designed to prepare students for the AP and IB tests. By earning a passing score on either test, students may be able to receive college credit. To partially fulfill their IB diploma Group 4 science requirements, students should take the IB Physics Standard Level or Higher Level exam.
- 724** **PHYSICS C AP * NCAA** **11, 12**
Length of Course: Year **Prerequisite:** Concurrent Enrollment in Calculus, Teacher Recommendation
The primary emphasis of this course is on classical Newtonian mechanics with an option for an extension into electricity and magnetism. Calculus is used freely in formulating principles and in problem solving. The course is intended to be representative of an engineering or physical science major's course in physics offered in American college and universities. The AP Physics C course offers advanced treatment of physics principles and emphasizes problem solving. The course is designed to prepare students for successful experience with the AP Physics C test.
- 685** **OBSERVATIONAL ASTRONOMY * NCAA** **9, 10, 11, 12**
Length of Course: Semester **Prerequisite:** Algebra 1 and One Year of High School Science
This course will focus on the Earth's place in the universe. Characteristics of our universe, galaxy, solar system, as well as our moon will be studied. Objects within and about our galaxy such as stars, nebula, planetary systems, other galaxies, their location, and apparent motion will also be observed and studied. Technologies such as telescopes, CCD Digital and optical cameras, computer simulations, spectroscopes and other astronomy equipment as well as local observatories will be used for lab exercises. Students will be exposed to the daily and seasonal changes of our celestial sphere.
- 718** **SCIENCE AND TECHNOLOGY EXPLORATION LAB** **9, 10, 11, 12**
Length of Course: Semester / Year **Prerequisite:** None
Utilizing 18 independent computer work stations with accompanying technological devices, this course allows students to complete up to eight individual curriculums in science and technology each semester. Areas of study include: Weather Satellite, Laser Communications, Aerodynamics, Sound Production, Bio-Medical Exploration, Computer-Assisted Drafting, Robotics and more. This course is an alternative to the Earth Science class. The course may also serve to meet the Technology/Fine Arts graduation requirement if the Science requirement has already been fulfilled.
- 877** **DOCENT SCIENCE PROGRAM** **11, 12**
Length of Course: Year **Prerequisite:** 1 Year Physical Science and 1 Year Life Science
The docent program is a course one year in length in which eleventh and twelfth grade students investigate science concepts that are taught in elementary schools. As a group, the students design lessons that support the district adopted science curriculum and can be taken into classes to enhance the existing elementary science program. The lessons involve elicitation activities that generate student questions about the science concept, a hands-on science activity, and end with applications of the concept to the real world. The docents introduce vocabulary, use visuals, and conduct demonstrations to expose the students to the sub-concepts taken from the core curriculum. Once the lessons are complete, the docents travel to elementary school sites to teach the lessons to students in grades 1-6.

LEGEND

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

SOCIAL SCIENCE

40 units required including Cultural Geography/History, World History, US History, Civics/American Government, and Economics. Virtual Enterprise Economics and Agriculture Economics offered through Business and Agriculture meet the Economics graduation requirement.

760	<u>CULTURAL GEOGRAPHY / HISTORY WORKSHOP</u>	9
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course provides pupils with an overview of physical and cultural geography. Students will explain inter-relationships between peoples, cultures and their environment. The course will include a study of major land areas of the world: Africa, Asia, South America, Australia, Oceania, North America and Europe. Students will develop study skills including map communication, critical thinking, note-taking and library research skills.	
755	<u>CULTURAL GEOGRAPHY / HISTORY * NCAA</u>	9
	Length of Course: Year	Prerequisite: None
736	<u>CULTURAL GEOGRAPHY / HISTORY ELECTRONIC LEARNING * NCAA</u>	9
	Length of Course: Year	Prerequisite: Teacher Recommendation
784	<u>CULTURAL GEOGRAPHY / HISTORY TWO-WAY IMMERSION * NCAA</u>	9
	Length of Course: Year	Prerequisite: Two-Way Dual Immersion Program
	This course is designed to provide students with an overview of physical and cultural geography. It will explain inter-relationships between peoples, cultures and their environment, and stimulate the students' interest in the world about them. The major emphasis will center on five social science disciplines: geography, economics, sociology, history, and political science. The course will include a study of major land areas of the world: Africa, Asia, Latin America, Australia, Oceania, and North America and Europe. Students will use map communication, critical thinking, note-taking, and library research skills.	
788	<u>CULTURAL GEOGRAPHY / HISTORY HONORS * NCAA</u>	9
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed to give the highly motivated student an in-depth examination of the political, economic, and social institutions of the developing world. While some time is devoted to political and physical geography, the main emphasis is on the historical development and present condition of the cultural forces within the regions and countries under study. Special emphasis is given to the struggle between tradition and change.	
756	<u>CULTURAL GEOGRAPHY / HISTORY HONORS/IB * NCAA</u>	9
752	<u>CULTURAL GEOGRAPHY / HISTORY HONORS/IB ELECTRONIC LEARNING * NCAA</u>	9
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed to give the highly motivated student an in-depth examination of world cultures, geography, and world literature through a thematic interdisciplinary program. MVHS incorporates this course in the English/Social Science block.	
783	<u>CULTURAL GEOGRAPHY / HISTORY HONORS/IB/MUN * EC NCAA</u>	9
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course stresses the political, economic, and social institutions of the developing world. While some time is devoted to political and physical geography, the main emphasis is on the historical development and present condition of the cultural forces within the regions and countries under study. Special emphasis is given to the struggle between tradition and change. Enrichment activities include involvement in Model United Nations with an emphasis on current events.	
747	<u>WORLD HISTORY WORKSHOP</u>	10
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed to meet the needs of below grade level readers in sophomore year World History. The basic outline of the course follows the same format as the regular World History class with adaptation to reading and writing assignments as needed to meet the level of the student.	
746	<u>WORLD HISTORY * NCAA</u>	10
	Length of Course: Year	Prerequisite: None
753	<u>WORLD HISTORY ELECTRONIC LEARNING * NCAA</u>	10
	Length of Course: Year	Prerequisite: Teacher Recommendation
793	<u>WORLD HISTORY TWO-WAY IMMERSION * NCAA</u>	10
	Length of Course: Year	Prerequisite: Two-Way Dual Immersion Program
	A basic course in Western Civilization which covers the development of Western thought and philosophy from Greece and Rome through the Middle Ages and Renaissance into the modern world. The course also includes a look at world development in relation to Western Civilization and moves into the modern era and modern world problems.	

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*	College Prep
**	Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
***	Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

745	<u>WORLD HISTORY HONORS/IB</u> * NCAA	10
758	<u>WORLD HISTORY HONORS/IB/MUN</u> * EC NCAA	10
759	<u>WORLD HISTORY HONORS/MUN</u> * EC NCAA	10
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course investigates the history of the world from the Western perspective and other cultures. Using regional studies begun in 9th grade Cultural Geography as a base, the course begins with the study of the contributions of ancient Greece and Rome. Renaissance, the Age of Revolutions, Enlightenment, Industrialization, Imperialism, the World Wars and Post-War era events are topics which the course will also cover.	
796	<u>EUROPEAN HISTORY AP</u> * NCAA	10, 11, 12
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This honors course examines the historical development of Western Civilization, but with more emphasis on intellectual, cultural, and socioeconomic history. Students will study the major events and trends with special focus on the time period 1648 to the 1980's. Particular attention is given to preparation for the AP European History exam which may earn future college credit.	
763	<u>UNITED STATES HISTORY WORKSHOP</u>	11
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is a study of the political, cultural, social, and economic history of the United States. The curriculum is designed to meet the needs of the below average level reader in junior year United States History. The basic outline of the course follows the same format as the regular United States History class but adapts reading and writing assignments as well as assessment as needed to meet the level of the students. An emphasis is placed on the development of skills such as study methods, organization, writing, and reading comprehension.	
761	<u>UNITED STATES HISTORY</u> * NCAA	11
	Length of Course: Year	Prerequisite: None
754	<u>UNITED STATES HISTORY ELECTRONIC LEARNING</u> * NCAA	11
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is a study of the political, cultural, social, and economic background of the United States. The class reviews the Revolution, Constitutional era, Civil War/Reconstruction period, and Gilded Age, and then concentrates on the historical period from 1900 to the present. An emphasis is also placed on the development of skills such as chronological and spatial thinking, history research, interpretation, evidence and point of view.	
764	<u>UNITED STATES HISTORY AP</u> * NCAA	11
808	<u>UNITED STATES HISTORY SL</u> * NCAA	11
	Length of Course: Year	Prerequisite: Teacher Recommendation
	This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in American History. The demands of this class should prepare students for the rigors of college courses. Students will learn to assess historical materials and to analyze and interpret primary sources, including documentary materials, maps, statistical tables, and pictorial and graphic evidence of historical events.	
794	<u>UNITED STATES HISTORY HONORS/MUN</u> * EC NCAA	11
	Length of Course: Year	Prerequisite: Teacher Recommendation
811	<u>HISTORY OF THE AMERICAS HL2</u> * NCAA	11, 12
	Length of Course: Semester / Year	Prerequisite: United States History AP or United States History SL
	This course covers American history from colonization to the present. While traditional topics will be studied as dictated by the state standards, this course will emphasize American foreign policy and relationships with her neighbors in Canada, and Central and South America. Critical thinking skills will be stressed, as students will be expected to interpret primary source documents, debate issues from different perspectives and write in a variety of styles. Students enrolled in the class must be motivated and self guided learners. This course is designed to prepare students for the rigors of the Model United Nations and/or International Baccalaureate programs.	
773	<u>CIVICS / AMERICAN GOVERNMENT WORKSHOP</u>	12
	Length of Course: Semester	Prerequisite: Teacher Recommendation
	This course is a study of American political ideas and institutions. Primary documents, such as the Declaration of Independence, the Constitution and the Bill of Rights are examined in detail. Other aspects of the course curriculum include a study of the structure and operations of federal, state and local governments. The political process, including party politics stressing citizen participation, is closely scrutinized. Due Process of Law, emphasizing arrest and trial procedures, is a major component of the course curriculum.	

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*	College Prep
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***	Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

772	<u>CIVICS / AMERICAN GOVERNMENT</u> * NCAA	12
	Length of Course: Semester	Prerequisite: None
769	<u>CIVICS / AMERICAN GOVERNMENT ELECTRONIC LEARNING</u> * NCAA	12
810	<u>CIVICS / AMERICAN GOVERNMENT MEDSCI</u> * NCAA	12
	Length of Course: Semester	Prerequisite: Teacher Recommendation
	The origin, nature, and theoretical aspects of the American system of government are discussed. Emphasis is placed on a number of important historical documents, including the Declaration of Independence, the Constitution of the United States and the Bill of Rights. Understanding the structure and function of national, state and local government are studied. An examination of civil rights movements as well as civil liberties is examined. The process of politics, including political parties and presidential elections, and the importance of community assistance is studied.	
790	<u>CIVICS / AMERICAN GOVERNMENT HONORS</u> (Humanities at ET, LH, MV) * NCAA	12
	Length of Course: Semester	Prerequisite: Teacher Recommendation
	This accelerated version of Civics is designed to meet the needs of students who seek advanced study. American political and legal systems are studied in detail with an emphasis on analysis and application. The course begins with an examination of the basic principles of democracy, the responsibilities of citizenship, the US Constitution and the Bill of Rights, selected Federalist Papers, and the values applied to American society. The major branches of government are studied, including powers and procedures at various levels of government, campaigning and elections, the power of the media, political parties and interest groups, and balancing issues of freedom and individual rights. Landmark Supreme Court cases are considered, as well as civil rights movements, foreign policy, and differing historical and contemporary political systems.	
744	<u>GOVERNMENT / POLITICS AP /MUN</u> * EC NCAA	11, 12
778	<u>UNITED STATES GOVERNMENT & POLITICS AP</u> * NCAA	12
	Length of Course: Semester	Prerequisite: Teacher Recommendation
	This accelerated version of Civics/American Government is designed to meet the needs of students who seek advanced study. American political and legal systems are studied in detail with an emphasis on analysis and application. The course begins with an examination of the basic principles of democracy, the responsibilities of citizenship, the US Constitution and the Bill of Rights, selected Federalist Papers, and the values applied to American society. The major branches of government are studied, including powers and procedures at various levels of government, campaigning and elections, the power of the media, political parties and interest groups, and balancing issues of freedom and individual rights. Landmark Supreme Court cases are considered, as well as civil rights movements, public policy, and differing historical and contemporary political systems.	
738	<u>COMPARATIVE GOVERNMENTS HONORS/MUN</u> * EC NCAA	11
	Length of Course: Semester / Year	Prerequisite: Teacher Recommendation
	This elective course in Comparative Politics is designed to meet the needs of students who seek advanced study. Political systems are studied in detail with an emphasis on analysis and application. The course begins with an examination of the basic methods of comparison, concepts of sovereignty, authority, and power, political institutions, the role of citizen, society, and the state. Major branches of government are studied, including powers and procedures at various levels of government, ideology, campaigning and elections, the role of the military, political parties and interest groups, and balancing issues of freedom and individual rights. Important historical and current events and personalities are considered, as well as civil rights movements, public policy, and economic systems. Studies are undertaken of factors inside and out that impinge on the decision making of states and statesmen.	
775	<u>ECONOMICS WORKSHOP</u>	12
	Length of Course: Semester	Prerequisite: Teacher Recommendation
	This course is designed to give students a practical introduction to the theory and practice of economics. Emphasis is also placed on the development of study methods, reading, research and writing. The basic course outline follows the same format as the regular economics class.	
774	<u>ECONOMICS</u> * NCAA	12
	Length of Course: Semester	Prerequisite: None
809	<u>ECONOMICS MEDSCI</u> * NCAA	12
	Length of Course: Semester	Prerequisite: Teacher Recommendation
	This is an introduction to the theory and practice of economics. Students will be taught analytical skills to better understand and interpret the economy and its indicators. The nature of the American economy and the role of the consumer within the economic system will be studied. Emphasis is placed on essential elements of the free enterprise system and effective consumerism.	

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*	College Prep
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***	Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

792	<u>ECONOMICS HONORS</u> * NCAA Length of Course: Semester	12 Prerequisite: Teacher Recommendation
This accelerated version of economics is designed to meet the needs of students who seek advanced study. Students will learn the analytical tools of the economist to develop an understanding of the economy and its indicators. Students will study basic economic problems facing all societies and research and analyze specific case studies of the American free enterprise system. Students will compare and contrast the capitalistic system with those systems used by other countries and gain an understanding of the role of our country in the overview of world-wide economics.		
742	<u>ECONOMICS AP</u> * NCAA Length of Course: Semester	12 Prerequisite: Teacher Recommendation
This course is designed for the highly motivated senior with an interest in economics. As preparation for the AP Exam in Microeconomics, students who enroll in this course will be responsible for self guided outside reading in addition to the course requirements. This course provides an in-depth study of economic systems with special consideration of the American free enterprise system. Students will analyze economic problems facing all societies and apply them to specific case studies.		
063	<u>SOCIAL SCIENCE SEMINAR CULTURAL GEOGRAPHY / HISTORY</u> * NCAA	9, 10
064	<u>SOCIAL SCIENCE SEMINAR WORLD HISTORY</u> * NCAA	9, 10
065	<u>SOCIAL SCIENCE SEMINAR UNITED STATES HISTORY</u> * NCAA	11, 12
066	<u>SOCIAL SCIENCE SEMINAR CIVICS / AMERICAN GOVERNMENT</u> * NCAA	11, 12
067	<u>SOCIAL SCIENCE SEMINAR ECONOMICS</u> * NCAA Length of Course: Semester / Year	11, 12 Prerequisite: Teacher Recommendation
The basic social science curriculum is remediated and enriched in Cultural Geography, World History, Civics, Economics, and US History all adapted to the particular needs of ELL students and individualized where necessary and appropriate. This subject is presented so that content is co-equal with college preparatory course work but at a reading level and pace that maximizes the learning potential of the students.		
060	<u>CULTURAL GEOGRAPHY / HISTORY SHELTERED</u> * NCAA	9, 10, 11, 12
061	<u>WORLD HISTORY SHELTERED</u> *NCAA	10, 11, 12
062	<u>US HISTORY SHELTERED</u> *NCAA Length of Course: Year	11, 12 Prerequisite: Teacher Recommendation
The Cultural Geography/History, World History and US History curricula are geared to meet the particular needs of ELL students and individualized where necessary and appropriate. The curriculum in sheltered classes is delivered using Specially Designed Academic Instruction in English (SDAIE).		
765	<u>PSYCHOLOGY 1A</u> * NCAA	11, 12
766	<u>PSYCHOLOGY 1B</u> * NCAA	11, 12
743	<u>PSYCHOLOGY 1</u> * NCAA Length of Course: Semester / Year	11, 12 Prerequisite: Teacher Recommendation
This course examines behavior and mental processes. This concerns physical, social or psychological behavior that is observed both empirically and by other techniques. Examples of study may include: history of psychology, sensation/perception, motivation/emotion, stress, learning, memory, language, states of consciousness, lifespan development, personality, psychological disorders, therapies, and socio-cultural dimensions of behavior. Theorists may include Freud, Jung, Rogers, Maslow, Piaget, Erickson, Pavlov and others.		
770	<u>PSYCHOLOGY HONORS</u> * NCAA	11, 12
825	<u>PSYCHOLOGY SL</u> * NCAA	11, 12
826	<u>PSYCHOLOGY HL1</u> * NCAA	11, 12
827	<u>PSYCHOLOGY HL2</u> * NCAA Length of Course: Year	11, 12 Prerequisite: Teacher Recommendation
The IB psychology program approaches the study of human behavior through three (SL) or four (HL) distinct perspectives: biological, cognitive, learning, and humanistic (HL only). Students must study all perspectives as they apply and familiarize themselves with each perspective's orientation toward psychological topics and issues: development and cultural contexts, framework, methodologies, application to psychological issues and critical evaluation of the perspectives. Moreover, students must study one (SL) or two (HL) optional subject areas: comparative, cultural, dysfunctional, health, lifespan, psychodynamic and social. Additionally, cultural, ethical, gender and methodological considerations should be used to evaluate the theories and studies, where appropriate, in each perspective and option. Finally, students must conduct a compulsory experimental study that includes ethical considerations, quantitative and qualitative (HL only) research methods.		

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*	College Prep
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EC	Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 839** **PSYCHOLOGY AP** * NCAA **12**
Length of Course: Semester / Year **Prerequisite:** Teacher Recommendation
 This course emphasizes the systematic and scientific study of psychology including the following units: methods, approaches and history of psychology; biological bases of behavior; sensation and perceptions; states of consciousness; learning; cognition; motivation and emotion; developmental psychology; personality; testing and individual differences; abnormal psychology; treatment of psychological disorders; and social psychology. Emphasis is placed on preparing students for the AP exam and also pursuing qualitatively different studies in psychology, including research and individual/group experiments. This course is offered in the Humanities program at LHHS.
- 828** **INTERNATIONAL RELATIONS HONORS/MUN** * EC NCAA **11, 12**
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This course addresses the critical question, "What is the nature of world politics in the post-Cold War era?" Units of study include history, economics, military strategy, theory of conflict, major global issues, and fundamental ideas about the patterns of contemporary international relations. This Honors course presents an opportunity for students to debate and role-play world issues in simulated sessions of the UN, NATO, OAS, etc. Special emphasis is placed on development of skills in public speaking, research, and independent problem solving.
- 789** **CONTEMPORARY WORLD ISSUES** * NCAA **11, 12**
Length of Course: Year **Prerequisite:** None
 This class focuses on contemporary situations within the United States and in the international arena. Students are required to study political philosophies of conservatism, liberalism and radicalism and how each attempts to explain and deal with the issues and conflicts presented in class. Students must analyze and synthesize research in essays and report writing. Particular emphasis is given to role playing and debating skills.
- 829** **CONTEMPORARY WORLD ISSUES HONORS** * NCAA **12**
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This course is the culminating Honors class (grade 12). The class focuses on contemporary world situations, with particular emphasis on world conflict and crisis through an international perspective. The course is taught through the team taught, seminar method, with individual inquiry as a basis. Students are required to analyze and synthesize research in extensive essay and report writing. Additionally, students participate in continual role-playing and debate activities in preparation for the oral section of the IB History exam. As part of the MVHS Humanities interdisciplinary umbrella, this course also requires students to study classical philosophy as it relates to current world problems, particularly in the areas of ethics and truth.

TECHNICAL EDUCATION

Applied Arts courses prepare students with skills for careers and college. All Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.

- 801** **ENGINEERING DRAFTING 1** *** Tech Prep **9, 10, 11, 12**
Length of Course: Semester / Year **Prerequisite:** None
 This introductory course has been designed to prepare students for advanced work in drafting. Students, upon completion, should be able to read and prepare basic blueprints and will have knowledge of the industrial world and its contribution to society. They will organize and express ideas correctly through the media of drawing. The UC School of Engineering recognizes this course as a prerequisite for students enrolling in their engineering program. From this class, students may continue either a study of mechanical or architectural drafting.
- 802** **ENGINEERING DRAFTING 2** *** **10, 11, 12**
Length of Course: Year **Prerequisite:** Engineering Drafting 1, Teacher Recommendation
 This advanced course in drafting designed to give the student added experience in the mechanical drafting field. Some of the topics covered more extensively are working drawings, pictorial, section, auxiliary, and revolution drawings. Computer aided drafting instruction stresses familiarization, capabilities, and application of a CAD system and includes hands-on experience.
- 803** **ENGINEERING DRAFTING 3** *** **11, 12**
804 **ENGINEERING DRAFTING 4** *** **11, 12**
Length of Course: Year **Prerequisite:** Engineering Drafting 2, Teacher Recommendation
 These classes are designed to offer advanced students independent project studies that will prepare for entering the engineering field after graduation and/or entering college or trade school for further training. Emphasis will be placed on preparation of a portfolio of student work designed to assist the student in obtaining a job and/or entrance to college. Advanced engineering drafting students will be introduced to computer aided drafting (CAD) through an introductory unit followed by individual advanced CAD projects.

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- * College Prep
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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 805** **ARCHITECTURAL DESIGN 1** */**/** Tech Prep **10, 11, 12**
Length of Course: Year **Prerequisite:** Engineering Drafting 1, Teacher Recommendation
 This course combines aesthetic, environmental, and historical aspects of architectural design and building construction. The course emphasizes communicating design ideas through sketches, technical drawings, architectural renderings, and computer aided graphics. The curriculum includes projects which utilize the elements of design, technical and artistic drawing skills, and accepted building standards. The course culminates in the production and presentation of a set of construction documents and renderings for a single-family residence.
- 806** **ARCHITECTURAL DESIGN 2** *** **11, 12**
Length of Course: Year **Prerequisite:** Architectural Design 1, Teacher Recommendation
 This course helps students continue with architectural design studies of Architecture Design 1. Each student will design a custom home for an actual lot, following all applicable building codes and community architectural guidelines. All designs will be concerned with form, balance, symmetry, and function. Each design will include presentation floor plans, exterior elevations, exterior and interior perspectives. Students will also present partial or complete designs with computer aided design (CAD) computer programs.
- 807** **ARCHITECTURAL DESIGN 3** *** **12**
Length of Course: Year **Prerequisite:** Architectural Design 2, Teacher Recommendation
 This advanced course includes the design of dwellings and commercial structures. Students will use many advanced techniques to produce designs that include perspectives (pictorials) and elevations. Landscaping will also be studied. Students will have the opportunity to draw architectural designs on the CADD (Computer Aided Drafting and Design) system. Computer design instruction is basic for college bound student and those who are going into the high technology labor force upon completion of high school.
- 841** **ADVANCED GRAPHIC DESIGN/ARCHITECTURAL DESIGN 2, 3** *** **10, 11, 12**
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This advanced course includes both graphic and architectural design taught the same period. Students in Graphic Design will study drafting, design and engineering. Architectural design students will design commercial buildings and learn many techniques that deal with pictorial and orthographic drawings. Landscaping will be covered as well as interior perspective. All students will be given instruction on the CADD (Computer Aided Drafting and Design) system. This computer instruction is basic for college bound students and those who are going into the labor force directly after high school.
- 817** **AUTOMOTIVE 1** *** Tech Prep **10, 11, 12**
Length of Course: Semester / Year **Prerequisite:** Teacher Recommendation
 This course will cover the principles of operation of the various components of the modern automobile. The course will help students learn what to consider in automobile purchasing. Emphasis is upon developing the students' interests in proper maintenance and operation of automobiles and understanding of how the various units of an automobile work. Safe practices in shop or on the highway are stressed. A shop fee may be charged.
- 818** **AUTOMOTIVE 2** *** **10, 11, 12**
Length of Course: Semester **Prerequisite:** Auto 1, Teacher Recommendation
 This course is a continuation of Automotive 1 using procedures learned earlier, and will introduce some information on job opportunities.
- 819** **ADVANCED AUTOMOTIVE** *** **11, 12**
Length of Course: Semester / Year **Prerequisite:** Auto 1, Teacher Recommendation
 A course designed for the non-vocational student who has successfully completed Automotive 1 and wants to apply knowledge and theory in a laboratory situation. Course instruction is approximately 80% lab work and 20% lecture. Units of study include all aspects of automobile service, repair, and refinishing. A shop card may be required to pay for materials.
- 820** **AUTOMOTIVE TECHNOLOGY** *** Tech Prep **11, 12**
Length of Course: Year **Prerequisite:** Auto 1, Teacher Recommendation
 Auto Tech serves either as a basis for further study and investigation or as job entry training for those desirous of entering the automobile and power mechanics field. The job oriented instructional blocks and units are taught to all students, but ample time is devoted to specialization and advanced work. The course is designed for two-hours per day.

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- * College Prep
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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 821** **ROP AUTOMOTIVE TECHNOLOGY 1** *** Tech Prep 10, 11, 12
Length of Course: Year **Prerequisite:** None
 This is a basic course that explains the foundational skills needed to gain entry-level employment or pursue advanced training. Topics include tune-up, lubrication, brakes, suspension, and power train systems theory, diagnosis, and repair.
- 822** **ROP AUTOMOTIVE TECHNOLOGY 2** *** 11, 12
Length of Course: Year **Prerequisite:** Auto Tech 1 or Auto 1, Teacher Recommendation
 This is an advanced course that further explains the foundational skills needed to gain entry level employment or pursue advanced training. Topics include tune-up, lubrication, brakes, suspension, and power train systems, theory, diagnosis, and repair.
- 850** **RAPID PROTOTYPE DEVELOPMENT** 10, 11, 12
Length of Course: Year **Prerequisite:** Teacher Recommendation
 This is course will provide both the career and college-bound student with an opportunity to apply academic knowledge of math and science through a practical application of product design and engineering. Students will develop skills to prepare them for entry-level jobs in the drafting industry. Students will receive training in sketching, CAD drafting, detail drafting, product design and parametric part modeling. Topics included are sketching, drafting, product design, engineering and analysis through 3D computer applications on PC computer systems using SolidWorks software and 3D prints that produce rapid prototype models. Students should have a math background of at least Algebra 2 or concurrent enrollment.
- 830** **WOODWORKING 1A** *** 9, 10, 11, 12
Length of Course: Semester **Prerequisite:** None
 Students are instructed in the use of hand and power tools in the woodworking field. Basic information and instruction is provided in the area of project design and completion, with practical applications to furniture construction, cabinet making, and modern finishing materials and processing used in school shop and industrial workplace. A lab fee is required for materials used.
- 831** **WOODWORKING 1B** *** 9, 10, 11, 12
Length of Course: Semester **Prerequisite:** Wood 1A, Teacher Recommendation
 This course extends students' knowledge and skills through the use of educational media, tools and machines in cabinet making, furniture construction, wood turning, and wood finishing. Students use new tools, machines, techniques, and have opportunities for experimentation. Safe work practices are stressed. A shop card may be required to pay for materials used.
- 833** **WOODWORKING / CABINET MAKING 2** *** 10, 11, 12
Length of Course: Year **Prerequisite:** Wood 1, Teacher Recommendation
 This course reviews all objectives and aspects of Woodworking 1 and assumes that students have a mastery of hand tools and a good grasp of the safe operation of the standing power machine tools. Students will initially design and fabricate required wood joints to be followed with placement into cooperative learning groups in which they will be required to construct a project chosen by the instructor. Upon completion, students will be allowed to construct a project of their own choice with regard to design, cost, and function. A lab fee is required.
- 838** **WOODWORKING / CABINET MAKING 3** *** 11, 12
Length of Course: Year **Prerequisite:** Wood 1, Teacher Recommendation
 This course is an advanced woodshop class that continues to refine students' skills in carpentry and woodworking. The course is primarily project oriented for the serious student of woodworking. A shop card may be required to pay for materials used.
- 834** **FURNITURE DESIGN, HISTORY & CONSTRUCTION** */**/** 10, 11, 12
Length of Course: Year **Prerequisite:** None
 This course is a technical and aesthetic exploration of three-dimensional design through the media of wood, metal, glass, plastic and casting resins, with an emphasis on the artistic expressive possibilities of furniture. Included in the course will be basic drawing and planning skills, design skills, and advanced woodworking skills. Students will analyze the sculptural and architectural nature of furniture design, explore the elements of the contemporary art furniture movement and create their own interpretations of traditional and contemporary furniture concepts, which may serve as functional pieces and /or works of fine art.
- 860** **COMPUTER GRAPHICS** */**/** Tech Prep 9, 10, 11, 12
Length of Course: Semester / Year **Prerequisite:** Teacher Recommendation
 This course utilizes desktop computers to introduce students to the dynamic field of 2-D graphics design. Students learn to use a computer and scanner to produce illustrations and manipulate images to create an individual portfolio. Industry standard software will be used. Previous computer experience is recommended.

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- 861** **ROP COMPUTER GRAPHICS** */**/** Tech Prep 11, 12
Length of Course: Year **Prerequisite: None**
 This course will introduce the student to the dynamic field of graphics design. Adobe Photoshop is an image-editing program that lets you create original artwork, manipulate color images, and retouch photographs. In addition to being a popular software with graphics professionals, it is practical for anyone who wants to enhance existing artwork or create new masterpieces. Adobe Illustrator is a professional illustration software program used to create graphics for page layout, multimedia, and the Web. Previous computer experience recommended.
- 865** **VIDEO AND TELEVISION PRODUCTION 1** *** Tech Prep 9, 10, 11, 12
Length of Course: Semester / Year **Prerequisite: Teacher Recommendation**
 This course is designed to provide students with an overall experience and understanding of the elements of TV/film production. These elements include the history of television and film, job descriptions and opportunities, planning and critiquing a variety of media productions, field and studio procedures, proper framing and lighting, camera nomenclature and technique, and editing on both linear and non-linear formats. By broadcasting of daily announcements, students will experience good content in programming as well as being able to take responsibility for that programming. The students will also produce a biweekly news show that will enhance shooting and editing quality pictures, scenes, and stories. This course will provide the background and skills necessary for the college bound student to succeed in the advanced study of TV/film production or any of its related fields.
- 866** **VIDEO AND TELEVISION PRODUCTION 2** *** 10, 11, 12
Length of Course: Year **Prerequisite: Video/TV Production 1, Teacher Recommendation**
 Video/TV Production 2 is a year long course that takes the skills you acquired in Video/TV Production 1 and applies them to actual television production assignments. Students participate in a real world newsroom environment and are responsible for the production of a television news magazine which is broadcast to the campus and community.
- 867** **VIDEO AND TELEVISION PRODUCTION 3** *** 10, 11, 12
Length of Course: Semester / Year **Prerequisite: Video/TV Prod. 2, Teacher Recommendation**
 This course is an advanced course in television production with special emphasis on writing, producing and directing. Video/TV Production 3 students are responsible for the production of a biweekly video news magazine featuring school activities. Video/TV Production 3 students also produce the Video yearbook or participate in other advanced projects.
- 879** **STUDY OF TV AND FILM MAKING** */**/** 9, 10, 11, 12
Length of Course: Year **Prerequisite: None**
 This course will instruct students on the history, development, and present day aspects of TV and film making. Students will learn the specialized vocabulary of the professional industry and use that vocabulary in their analysis and discussion of production elements. Students will learn and apply the basic skills necessary for pre-production, production, and post-production activities by writing and creating their own video projects. Through analysis of award-winning films, students will identify how directors, writers, and the TV/film industry have influenced our social values and behaviors. They will also identify historical trends from various cultures and time periods. Interpretations of various works will be discussed in which students will derive meaning and purpose from the point of view of the director, writer, actor, and editor. Finally, students will bridge the gap between school and career through field trips, guest speakers, and daily experiences requiring professional standards and skills.
- 875** **MEDSCI COMMUNICATIONS** *** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Enroll in MedSci Academy Linked Classes: Alg 2 & Chemistry**
 This customized elective course is integrated in the second year of the Institute of Medical and Health Sciences. This course focuses on communication skills as they relate to the medical and health professions. Included in the course are three primary components: Computer Applications, Video Production, and Speech. The computer applications component will include an overview of the Microsoft Office programs along with an introduction to computer graphics and web design. All three areas will provide students with the ability to prepare and present professional quality communication.
- 876** **SCIENCE AND TECHNOLOGY CAREER SEMINAR** *** 11, 12
Length of Course: Year **Prerequisite: 1 Year of Physical Science and 1 Year Life Science**
 This course which juniors and seniors research, plan and participate in science-related business and industrial tours and job shadows to establish a plan of action for advanced education and/or a career focus. Additionally, during the first semester, the class will entertain guest speakers and research careers via the Internet and video conferencing. For each of their career choices, the students will investigate the science and technology concepts needed to communicate with experts in the field. In the second semester, students will work with a mentor to design a project and spend a minimum of 18 hours of interning in their chosen interest area. The culminating activity of the seminar will be a formal PowerPoint driven presentation on their project presented to their peers, business partners, faculty and administration.

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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
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880 STUDENT TECHNICIAN *** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Students will learn and work under the direction of the Technology Coordinator at the school site in managing the different technological equipment and software on the campus. Key elements will include minor computer maintenance, removing and installing software, set up of new equipment, inventory control, and trouble shooting. Students will also learn to work with security systems, imaging techniques, formatting of drives, networking, and video conferencing. They will also gain valuable skills in business communication as they work to assist classroom teachers and problem solve using available resources within the school structure. Students should have a basic knowledge of Macintosh or Windows operating systems for entry into the Level 1 course. Students may enroll in Level 2, 3 and 4 as they become more advanced in their technological skills each year.

VISUAL ARTS

All Visual Arts courses meet District one-year Fine Arts/Foreign Language/Practical Arts requirements.

103 FUNDAMENTALS OF ART */** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: None**
 This course introduces the student to a wide range of art techniques and creative approaches to visual arts. Students continuously make critical assessments about their own artwork and the work of their peers and other artists in written as well as verbal critiques. Emphasis is placed on applying and connecting their art knowledge to other art forms, subject areas and careers. Students explore color theory, elements of good composition, basic techniques of drawing perspective, brush techniques, and contour drawing. They work with the following media: ink, pastel, paints, scratchboard, marker, pencil, and collage. Strong emphasis is placed on relating the curriculum to schools of art throughout history. Written work pertaining to art history or the field of art is required. A lab fee may be required for this course.

107 PAINTING AND DRAWING */** **10, 11, 12**
Length of Course: Year **Prerequisite: Fundamentals of Art**
 This advanced painting and drawing course is provided for the second year art student who wishes to improve his drawing and painting skills, watercolor techniques and ability to use color effectively. There will be some pen and ink and pencil work, pastels, markers, chalk, watercolor, tempera, acrylic painting, graphic design, and art contests/shows. Emphasis will be placed on portfolio preparation in a variety of expressions for a solid presentation. A lab fee may be required for this course.

129 ADVANCED PAINTING AND DRAWING */** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course is designed for the student who desires further study in the fine arts field. Emphasis will be made on advanced techniques in the areas of drawing, painting, design, and composition. Portfolio preparation will be covered for students interested in pursuing jobs in the field/admittance to college art programs. Media to be covered: pencil, pen and ink, charcoal, watercolor, acrylic, pastel, tempera, scratchboard, air brush, and printmaking. There will also be an emphasis on contests, shows, and schools exhibits. A lab fee may be required.

120 ART PRODUCTION 1 **10, 11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course introduces the student to the study and application of advertising principles. A variety of media (ink, pens, air brush, pencils, etc.) will be used as students apply graphic techniques to their projects. Possible projects include lettering, posters, designing of packages, layouts, logos, album covers, book jackets, and program covers. A lab fee may be required for this course.

121 ART PRODUCTION 2 **11,12**
Length of Course: Year **Prerequisite: Art Production 1**
 This course is designed to give the advertising student an opportunity to continue his studies in the advertising field. Paste-up and reproduction techniques will be introduced as applied to layout designs of business cards, letterheads, trademarks, and brochures. Other projects include fashion design, company advertisements, participation in competitive poster contests, and 3-dimensional package design. A lab fee may be required.

118 ANIMATION 1 **9, 10, 11,12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course emphasizes the development of acting and character animation skills, including techniques on how to portray a character's thoughts or a change of emotion. Assignments based on design, figure drawing, perspective, composition and visual communication will build upon student's previous knowledge, techniques and art vocabulary. Students will create original animated films using professional level equipment.

LEGEND

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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
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- 117 **ANIMATION 2 */ ** (pending UC and NCAA approval)** 10, 11, 12
Length of Course: Year **Prerequisite: Animation 1**
 This course further develops concepts learned in Animation 1. Exercises emphasize the development of acting and character animation skills, including techniques on how to portray a character's thoughts or a change of emotion. Assignments based on design, figure drawing, perspective, composition and visual communication will build upon student's previous knowledge, techniques and art vocabulary. Students will create original animated films.
- 119 **3-DIMENSIONAL ART DESIGN * / **** 9, 10, 11, 12
Length of Course: Year **Prerequisite: None**
 This course is an entry-level studio art course in which students experience and explore fundamental visual arts concepts and applications in 3-Dimensional design. Students will foster an appreciation for 3-D Art in history and the world around them, develop an ability to recognize the elements and principles of design in art works, aesthetically value their own work and the works of others through critiques, and apply 3-D design techniques/ processes by meeting the challenges of creatively expressing their own solutions to a series of 3-Dimensional projects. Assignments are designed to engage students in concepts based on the elements and principles as well as color theory, representational art, and abstraction. Projects range between long and short term and include stylized animals, folk art sculptures, linear figures and portraits, masks, morphing heads, abstract forms, and assemblage. Instruction will place emphasis on the development of artistic perception, written, oral and visual communication skills, use of strong design through a combination of understanding the elements and principles of design and creative processes.
- 125 **CERAMICS 1 */**** 9, 10, 11, 12
Length of Course: Year **Prerequisite: None**
- 112 **CERAMICS 1A */**** 9, 10, 11, 12
Length of Course: Semester **Prerequisite: None**
- 113 **CERAMICS 1B */*** 9, 10, 11, 12
Length of Course: Semester **Prerequisite: Ceramics 1A**
 This course is a lecture and lab course which explores clay as a creative medium. Students enrolled will become familiar with, and engage in the technical, aesthetic analysis, theoretical, cultural, and historical aspects of the art of ceramics. Students will explore clay, its properties, and specific techniques, including handbuilding, glaze application, surface decoration, and throwing on the potter's wheel. Students will complete original artworks demonstrating their knowledge and skills in a variety of ways. Each student enrolled will create a ceramic notebook/portfolio. A lab fee may be required.
- 126 **CERAMICS 2 */**** 10, 11, 12
Length of Course: Year **Prerequisite: Ceramics 1 or Ceramics 1B**
- 114 **CERAMICS 2A */**** 10, 11, 12
Length of Course: Semester **Prerequisite: Ceramics 1 or Ceramics 1B**
- 115 **CERAMICS 2B */**** 10, 11, 12
Length of Course: Semester **Prerequisite: Ceramics 2A**
 This course offers the student advanced handbuilding techniques and/or work on the potter's wheel. Students will learn advanced techniques in glaze calculation and testing, and design and decoration. Originality and creativity will be encouraged. Each student enrolled will create a ceramic notebook/portfolio. A lab fee may be required for this course.
- 139 **CERAMICS 3 */**** 11, 12
Length of Course: Year **Prerequisite: Ceramics 2 or Ceramics 2B**
- 116 **CERAMICS 3A */**** 11, 12
Length of Course: Semester **Prerequisite: Ceramics 2 or Ceramics 2B**
 This course offers the advanced student the opportunity to further explore the ceramics field while improving on his or her techniques of handbuilding and throwing. Use of other materials is introduced at this time. Loading and firing of the kiln will be explored in depth. Students will be required to complete a portfolio of their work. Emphasis is placed on originality and creativity. A lab fee may be required for this course.
- 128 **ADVANCED ART** 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Art projects are designed for the advanced art student who has taken all the beginning classes in his or her area of special interest. The student will arrange an individual course of study with an instructor. A lab fee may be required for this course.

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
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- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
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- 127 **ART HISTORY AP */**** 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This course will introduce students to a challenging and richly reward academic discipline. Not only will students learn the vocabulary of the visual arts – painting, architecture, sculpture, and photography – but they will also study the historical periods during which individual masterpieces were created. Through the visual arts we are given a uniquely vivid glimpse into the human experience. As we study their works and gain a deeper understanding of the Western tradition in art, we will also gain a clearer understanding of our own place within those traditions. Primarily, this course focuses on Western traditions and only begins to address non-Western traditions. This course required maturity, responsibility, and self-motivation, as the outside workload is heavy and the subject matter complex and adult.
- 133 **STUDIO ART PORTFOLIO AP */**** 12
Length of Course: Year **Prerequisite: Department Approval**
 This course is designed to give the highly motivated art student an in-depth study in the area of studio art. During the course, the student will be completing a portfolio of about 40 different works to be submitted to the Advance Placement Exam team for evaluation. Two areas of study may be pursued-drawing or a general course of study including ceramics. The art department strongly suggests preparing for this course during his or her junior year (because of the amount of work required). A review of progress by the art staff after the first semester will be done to determine if students should continue in the program.
- 140 **VISUAL ARTS SL */** EC** 11, 12
 141 **VISUAL ARTS HL1 */** EC** 11, 12
 142 **VISUAL ARTS HL2 */** EC** 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 The IB Art Program is designed for students to have personal, socio-cultural and aesthetic experiences through the production of artworks. Students will explore art from various historical eras and cultures in an inquiring and integrated approach. Quality artwork is produced through experimentation and purposeful creative work in various media. A research workbook and gallery display of artwork are required that demonstrate clearly in written and visual terms how personal research has led to an understanding of the topics or concepts being investigated. Students will also critically analyze the meaning and aesthetic qualities of art forms from their own work and other cultures, demonstrating an understanding of the elements of art and the principles of design.
- 105 **PHOTOGRAPHY 1 ***** 9, 10, 11, 12
Length of Course: Semester **Prerequisite: None**
 106 **PHOTOGRAPHY 2 ***** 9, 10, 11, 12
Length of Course: Semester **Prerequisite: Photography 1**
 123 **PHOTOGRAPHY 3 ***** 9, 10, 11, 12
Length of Course: Semester **Prerequisite: Photography 2**
 The student will learn the basic skills involved in making a black and white photograph including: camera handling, exposure controls, film and print developing, print mounting, use of enlargers, and in some schools, digital photography and computer manipulation. The course will be presented by means of lecture, demonstration, and practical lab work. Training in the care and handling of equipment will be stressed. A lab fee will be required.
- 124 **PHOTOGRAPHY AS ART */**/**** 9, 10, 11, 12
Length of Course: Year **Prerequisite: None**
 Students will learn the basic skills involved in making a black and white photograph. These include: camera handling, exposure control, film and print developing and finishing. Some schools include digital imaging and computer manipulation as well. The course will be presented by means of lecture, demonstration and practical lab work. Students will also be exposed to the history of photography and learn of its impact on our culture. Students will learn to use photography as a form of creative expression and attempt to analyze works of art. They will also be able to apply photography to other disciplines.
- 109 **ADVANCED PHOTOGRAPHY ***** 10, 11, 12
Length of Course: Year **Prerequisite: Photography 2, Teacher Recommendation**
 This course is an enhanced course for students demonstrating a desire and technical qualifications to continue the study of photography. The class includes the zone system of exposure control, the exposure/development relationship, lithographic film, large format cameras, sensitometry, chemical enhancement, and montage work. Also included will be portfolio development, career information, and job shadowing. Some schools will also incorporate digital photography, computer manipulation and website design.

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- * College Prep
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MISCELLANEOUS

071	<u>HEALTH SHELTERED</u>	10, 11, 12
300	<u>HEALTH</u> Length of Course: Semester	10, 11, 12 Prerequisite: None
<p>This course is required for graduation. Health Education is the study of one's physical, mental, emotional, spiritual, and social health. This course will examine the impact of interactions between the individual, the family, the community, and the environment on the health of people. This course will instruct students in the concept of health promotion and disease prevention. The goal will be to create health literate individuals. Students will plan, act, and reflect in order to develop the essential knowledge and understanding, attitudes, values, and skills which promote health practices and encourage participation in a healthy lifestyle.</p>		
303	<u>TRAFFIC</u> Length of Course: Semester	9, 10, 11, 12 Prerequisite: None
<p>This course is an elective course. Traffic Safety is the integration of both classroom and laboratory experiences. Students will learn safe operation of the vehicle, the effects of alcohol and other chemicals on driver performance, rules of the road, and positive attitudes when driving within the highway transportation system.</p>		
121	<u>CREATIVE WRITING</u> Length of Course: Semester	9, 10, 11, 12 Prerequisite: None
<p>This is a semester course with a focus on narrative prose writing, such as short story, personal memoir, autobiographical incident, and fable. Students will keep a portfolio and will concentrate on skills that result in good narration, including developing plot and character, incorporating figurative language, using effective dialogue, choosing appropriate vocabulary, and maintaining a clear tone. Reading selections will be used to provide professional models. Students will work individually and in small groups on evaluation and revision. The State Content Standards for English/Language Arts will be used in determining benchmarks.</p>		
236	<u>ELEMENTS OF JOURNALISM 1</u>	9, 10, 11, 12
237	<u>ELEMENTS OF JOURNALISM 2</u>	9, 10, 11, 12
238	<u>ELEMENTS OF JOURNALISM 3</u>	9, 10, 11, 12
239	<u>ELEMENTS OF JOURNALISM 4</u> Length of Course: Year	9, 10, 11, 12 Prerequisite: Teacher Recommendation
<p>This course prepares the student with the techniques and discrimination necessary for the production side of publishing a newspaper to a public audience. The student will learn and refine the functions of responsibility and adhering to newspaper style, advertising, photography, interviewing techniques, the basic principles of desktop publishing and web design, and business skills and practices.</p>		
240	<u>JOURNALISM 1</u> *	10, 11, 12
241	<u>JOURNALISM 2</u> *	11, 12
242	<u>JOURNALISM 3</u> *	12
<p>Length of Course: Year Prerequisite: B or higher in English 1, C or higher in English 1 H/IB, Teacher Recommendation</p> <p>Students in this course will participate in a series of multi-week writers workshops involving the student of researching, writing, and editing for journalistic publications. The writers workshops will offer students critical readings and instruction in the four areas of focus: Research/Reporting, Writing, Editing, and Evaluation. During each workshop, students will participate in intensive after-school work sessions to edit the articles developed in the workshop and place them in journalistic publications. Students will experience what the Principal's Guide to Scholastic Journalism calls "authentic assessment at its best – a synthesis of analysis and critical thinking, planning, relating to an audience beyond the classroom, and performance-based outcomes."</p>		
244	<u>LITERARY JOURNALISM</u> * Length of Course: Year	11, 12 Prerequisite: Teacher Recommendation
<p>This course is a study of creative nonfiction and narrative journalism. Students will examine the correlation of literature and "new journalism" by analyzing story technique and author's craft in nonfiction writing. They will also apply their knowledge of literary journalism to produce various nonfiction genres including character-driven narratives, feature profiles, expository essays, and an immersion literary journalism piece as their final project.</p>		
249	<u>YEARBOOK 1</u>	9, 10, 11, 12
250	<u>YEARBOOK 2</u>	10, 11, 12
275	<u>YEARBOOK 3</u>	11, 12
277	<u>YEARBOOK 4</u> Length of Course: Year	12 Prerequisite: Teacher Recommendation
<p>This course is a practical course in the elements of photography, layout design, copy fitting, copy writing, and advanced publishing software programs. Students must exhibit responsibility in meeting necessary deadlines for a quality production of the high school's yearbook.</p>		

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Tech Prep	Tech Prep Courses (see page 6 of the High School Registration Guide)
NCAA	Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 019 **THEORY OF KNOWLEDGE *** 12
Length of Course: Semester / Year **Prerequisite: Teacher Recommendation**
 This course is required to earn an IB Diploma. It focuses upon the question "How do I, or how do we, know that a given assertion or a given judgment is true?" In other words, students will develop their ability to assess the validity of knowledge claims (assertions or judgments). Students will study the ways of knowing, how knowledge is derived in the various fields of study, how language and semantics affects people's thoughts and knowledge claims, and how people's knowledge claims are affected by culture. The course may be offered as an independent class or infused with a humanities curriculum.
- 001 **LEADERSHIP EC** 9, 10, 11, 12
Length of Course: Year **Prerequisite: Election or Appt. to ASB Office or Activities Advisor Approval**
 Students learn the techniques and procedures of the democratic process. They develop a working knowledge of the parliamentary procedure, public speaking and the elements of formal leadership. These skills are practiced through various activities relating to campus organizations and the planning of numerous school activities, i.e., dances, co-recs, assemblies, and any activity in which the student body takes part. Election or appointment to a student council office requires enrollment in this course.
- 054 **PAL** 10, 11, 12
Length of Course: Year **Prerequisite: Teacher Recommendation**
 Peer Assistance Leadership offers an elective opportunity for high school students to develop skills to assist in supporting their peers through positive leadership and problem solving. Skill training is in: communication and listening, problem solving and decision making, understanding teenage issues, one to one peer relationships, positive peer leadership, conflict management, and referral system policies and procedures.
- 015 **LIBRARY SERVICE 1** 10, 11, 12
Length of Course: Year **Prerequisite: Permission of Librarian**
 Library Service students form an essential part of the school library staff. They learn to apply library procedures and general office skills useful in colleges and the world of work while serving faculty and fellow students.
- 016 **LIBRARY SERVICE 2** 10, 11, 12
Length of Course: Year **Prerequisite: Library 1, Permission of Librarian**
 Second year Library students assume added responsibilities in general library operations. More advanced clerical skills are developed in the ordering, cataloguing, and processing of materials. Individual interests are encouraged and career opportunities in librarianship explored.
- 010 **COLLEGE AND CAREER SERVICE** 11, 12
Length of Course: Semester / Year **Prerequisite: Guidance Counselor Approval**
 College and Career Service students form an essential part of the career center staff. Students learn a myriad of general office skills related to college entrance and careers including: the application process, scholarships, work permits, trade schools military, and ROP. Students serve faculty, fellow students and assist Guidance and Career Specialists.
- 013 **CLERICAL SERVICES ***** 10, 11, 12
Length of Course: Semester / Year **Prerequisite: Administrative Approval**
 Clerical Services is an office experience providing a variety of on-the-job skills. Students will be assigned to a teacher or administrative office and will help with the clerical work while learning to use modern equipment.
- 018 **STUDENT AIDE** 11, 12
Length of Course: Semester **Prerequisite: Teacher Approval**
 Students are assigned to a variety of work stations within the school where they have the opportunity to learn and strengthen skills and develop desirable employee characteristics by assisting staff members. Requests for placement should come from the teacher or supervisor.
- 017 **SCIENCE AIDE** 11, 12
Length of Course: Year **Prerequisite: Teacher Approval**
 Students in this course serve as laboratory assistants to science teachers. Students must have previously taken the course in which they will serve as a lab assistant.

LEGEND

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep Tech Prep Courses (see page 6 of the High School Registration Guide)
- NCAA Meets NCAA Freshman Eligibility (see page 7 of the High School Registration Guide)

- 033** **ACADEMIC DECATHLON EC** **9, 10, 11, 12**
Length of Course: Semester **Prerequisite: Teacher Recommendation**
 Students in this course will research and study in preparation for major scholastic competitions including the Academic Decathlon and/or the Kiwanis Trivia Bowl. The Academic Decathlon pits scholars from Orange County high schools in ten disciplines. Competitors also deliver speeches, write an essay, and participate in a "Super Quiz." Since participants with a variety of grade point averages are required, students desiring to take this class should consider natural intelligence rather than success in school as main criteria. This course is only offered first semester.
- 034** **ELD READING** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This student centered reading course is designed to improve the reading skills of the English Learner. Instruction will focus on decoding skills, systematic vocabulary development, comprehension, fluency, and study skills. Attention will be paid to developing the students' reading skills in a meaningful context for situations both within and beyond school settings.
- 652** **POWER READING** **9, 10**
Length of Course: Semester **Prerequisite: Teacher Recommendation**
 Power Reading is an elective class designed for those students who would like to improve their reading speed and comprehension. Students work on individualized contracts, building reading skills in many different school, college and career areas. Personal vocabulary building and individually selected reading assignments reinforce personal growth in reading power and enjoyment. Student's reading growth is analyzed and charted with pre and post standardized reading tests. Read 180 materials and strategies are used in this course.
- 035** **TEACHING ASSISTANCE PROGRAM** **11, 12**
Length of Course: Semester **Prerequisite: Teacher Recommendation**
 The Tutorial Assistance Program consists of high ability students willing to assist other students with their studies. Students are selected on the basis of their "expertise" in particular subject areas and cross-level tutor. Selected students tutor other students that need assistance with homework, lessons and/or assignments given to them by their teachers.
- 024** **ACADEMIC IMPROVEMENT PROGRAM - RSP** **9, 10, 11, 12**
Length of Course: Year **Prerequisite: Teacher Recommendation**
 This class is designed for identified students with special needs. Emphasis is on attitude and motivation, study skills, content area reading, test taking techniques, and various designated study skills as stated on the student's current Individualized Education Program (IEP). Students participate in a computer assisted, individualized, cross-level tutoring program.

LEGEND

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- * College Prep
- ** Meets UC "f" VPA requirement; "pending": course has been submitted for review, UC approval is pending.
- *** Applied Arts/Technical Class which prepares students with skills for careers and college. All Business/Technical Education courses meet the District one year Fine Arts/Foreign Language/Practical Arts requirement.
- EC** Extra-Curricular: Students enrolled in this course are required to participate in events outside the school day.
- Tech Prep** Tech Prep Courses (*see page 6 of the High School Registration Guide*)
- NCAA** Meets NCAA Freshman Eligibility (*see page 7 of the High School Registration Guide*)

COASTLINE REGIONAL OCCUPATIONAL PROGRAM (ROP)

Coastline Regional Occupational Program (ROP), part of the SVUSD, provides practical, hands-on career preparation and career guidance to high school students (and adults). Five career pathways offering a wide variety of career preparation courses are available to high school seniors and juniors who are at least sixteen years of age. ROP classes are designed to provide students with rich curricula that has been aligned to state standards and evaluated by members of industry. Some courses meet the University of California's visual and performing arts (f) or elective (g) requirement. Many classes include internships at local business and industry sites where ROP students continue to improve their problem-solving skills, critical thinking skills, and work attitudes. Research shows that students who take ROP courses improve their grade point averages, feel a greater connection to learning, and are more successful in college and careers once they graduate.

Whether a student plans to go on to a university, college, or directly into the workforce, effective job skills and experience is an asset. ROP courses may give students an edge in obtaining entrance into a variety of occupational settings and/or related college/university majors. Examples of the value of the ROP experience for a university/college bound student may be evidenced in a variety of ways, i.e., letters of recommendation from professionals in the field, employability in a career-related area during the university/college years, experience to make appropriate career decisions, etc. Please see your ROP Career Specialist or guidance counselor for additional information and current listing of courses offered.

Arts and Communication

Art of Animation – Learn to model and animate in 3D space using industry standard software: Bryce, Poser, Amorphium, Cinema 4D and Pixels 3D Studio. Create models and animations for the Web, video, and print media; create textures and background using Photoshop. Knowledge of Photoshop and Illustrator recommended.

Broadcast News - Master the basics of three-point lighting, video camera techniques, teleprompting, research, script writing, computer graphics, animation, videotape editing and performance techniques in this TV new course. Work on segments to help produce the weekly broadcast that will be aired to the students and staff at their school site.

Computer Graphics – Produce illustrations and manipulate images using a computer and scanner. Apply industry standard software. Create an individual portfolio. Previous computer experience recommended.

Costume Design – Explore the exciting jobs found in the costume design industry. Learn to develop ideas for production, understand the psychology of clothes, sketch ideas to create costumes and convert a sketch to a costume. Learn about costume shop operations, planning and maintenance of costumes, and basic sewing skills. Develop critical thinking and communication skills necessary for success in this competitive field.

Entertainment Art - Create art related to live action film, gaming and feature/television animation. Practice character and creature designs, environment designs and painting, storyboards, animation, and basic human and animal anatomy. Develop a portfolio and explore career opportunities in this exciting industry.

Environmental Design – Explore career possibilities in sustainable design, a growing trend within the fields of architecture, landscape architecture, engineering, industrial design, fashion and interior design. Learn to use products and services in a way that reduces use of non-renewable resources, minimized environmental impact, and relates people with the natural environment.

Environmental Horticulture – Prepare for a career in the horticulture industry. Learn the basics of plants, growth schedules and development, soil analysis, composting, pest management, grounds maintenance, landscape design, nursery management and much more.

Floral Design Internship – Capitalize on your creativity! Design special occasion floral arrangements and create specialty displays. Identify plant and flower types. Learn about floral equipment, sales, merchandising, and general business techniques. Gain hands-on experience while interning at local floral shops. *Students may continue with additional instruction up to 216 hours. Materials fee for adults assessed at each class. Optional \$5.00 portfolio fee.*

Floral Design - Advanced – Enhance your existing talents or training. Experiment with a variety of exotic floral materials & arrangement styles. Create arrangements for holidays, special

occasions, & themed events. *Students may continue with advanced instruction up to 162 hours. Materials fee assessed at each class. Optional \$5.00 portfolio fee.*

Interior Design – Discover basic design principles and elements. Focus on the residential client while exploring a palette of topics, such as color, textiles, furniture, furniture layout, wall and floor coverings, and lighting.

Multimedia Communications Design – Develop a broad perspective of art, design/communication theory and processes used in the industry. Learn to apply design elements/principles in a variety of projects including print media, digital presentations and web design.

Music Technology – Produce demo tapes, burn CDs and provide sound reinforcement for live concerts/shows. Students with an interest in music and sound will learn the basics of music theory, sound reinforcement, and analog/digital recording techniques. Learn to make wav and mp3 files to send music over the Internet for college and university auditions. Instructor approval required. *\$25 materials fee.*

Professional Dance – Acquire competencies for entry-level positions in the dance field. Learn the elements of dance and also the self discipline and commitment required to dance professionally. Health and fitness, training and conditioning, and rehearsal and performance preparation, and career preparation standards are integrated throughout the course. *Prerequisite: Two technique classes at an intermediate level or instructor approval.*

Theater Technology - Gain experience in theater production while focusing on the technical elements. Practice set/scenery construction, lighting, sound and stage management. Participate in live productions. *Huntington Beach hours will vary to coincide with APA productions. APA membership required to work on APA productions. Prerequisite: Beginning Theater Technology or instructor approval. To meet UC VPA requirements, students must take the class for two semesters.*

Video Game Design – Analyze, design, and create interactive three dimensional animation and games. Learn the basic components of video game design modeling, texturing, lighting, animation, and rules of game play. Use industry software to complete projects. Course competencies to create simple games will require problem solving and practical application skills.

Video/Television Production – Prepare for a career as a production assistant, editor assistant, duplicator, or stagehand grip. Learn script writing, production planning, videotape editing, video camera use, lighting, sound recording, title graphics, and use of duplicating equipment. *Students may continue with advanced instruction up to 540 hours.*

Visual Imagery – Expand your photography skills and experience digital technology. Practice a variety of digital camera uses and techniques that include: portraiture, color processing, color printing, black and white printing, electronic flash, and assignment

scheduling. Utilize Adobe Photoshop to create, design and manipulate professional quality digital images.

Web Site Development – Design and produce creative, user-friendly web sites that are essential to most businesses. Learn to write text, conduct research, apply graphics and animation.

Business and Marketing

Banking/Financial Services Internship – Explore the many areas of financial services industry. This class emphasizes customer service, sales, personal finance, and teller positions.

Business Internship – Learn the high performance skills required of every employee in today's competitive business environment. Acquire skills in basic computer applications, electronic communications, information management, and document processing. Intern at local businesses to apply knowledge, enhance interpersonal skills, participate as team members, work with diverse populations, and exercise leadership. *Prerequisite: Keyboarding skill of 30 wpm or instructor approval.*

Careers in Fashion – Explore career opportunities in the exciting field of fashion and learn to integrate conceptual and creative skills with technical and professional practices. Study creative design, technical design, marketing, and merchandising and understand the balance between being creative and cost effective. Students will develop critical thinking and communication skills necessary for success in this competitive field.

Computerized Accounting – Learn the basics of the accounting cycle. Both manual and computerized accounting techniques are featured.

E-Marketing – Learn to use leading edge technology to market products and services on the Internet. Explore the world of electronic commerce and design Web pages using Front Page software. *Prerequisite: Knowledge of computer applications or teacher approval.*

Entrepreneurship – Develop your own business plan. This course covers marketing strategy, business finance, government regulations, legal issues, business records, promotions, advertising, and human resources.

Marketing Principles – Examine various aspects of business. Research product development, pricing strategies, market analysis, promotional planning, channels of distribution, selling concepts, advertising, international marketing, and more. Explore career opportunities in the marketing field.

Microsoft Tools – Become proficient in the latest Microsoft desktop applications including Word, Excel, PowerPoint, Access, Outlook, Publisher, and FrontPage. Mastery of selected program will be acquired through project-based applications utilizing the powerful features of Microsoft Office. *Prerequisite: Knowledge of keyboard required.*

Office Technology – Develop skills and techniques needed for employment in the office of the 21st century. Modules include electronic and Internet communication, basic computer applications, file management, document processing, resume/portfolio preparation, communication skills, English and math skills, and appropriate work ethics. After completing some modules, students enrolled in the evening class will be given the opportunity to intern in local business offices during the day while still maintaining class hours in the evenings. New students may enroll on any of the dates listed in the schedule of classes.

QuickBooks – Using one of the fastest growing accounting packages for small and medium-sized businesses, learn many of the accounting functions QuickBooks performs such as accounts receivable, accounts payable, invoicing customers, tracking inventory, banking, payroll functions, creating a variety of reports and much more. Knowledge of accounting principles is not necessary.

Retail Sales & Merchandising Internship – Prepare for an exciting career in the retail industry. Course objectives include professional salesmanship, store operations, sales transactions, and analysis of current and future industry trends. Internships are provided in local retail stores with an emphasis on selling approach and procedures, visual merchandising, product knowledge, and customer service.

Retail Sales & Merchandising Cooperative – Earn elective credits while working in retail and grocery stores. Concentrate on skills that improve job performance: effective communication, problem solving, appropriate decision making, and team building. Learn about retail management and ways to improve productivity and customer service. *Attendance at weekly class meetings is required, and students must work a minimum of 9 1/2 hours per week. Students must be employed in order to be enrolled in course.*

Virtual Enterprise – Create and operate a virtual business! Determine the nature of the enterprise, its products, services, and management structure under the guidance of a business partner. Use current business software to conduct business with other students across the United States via the Internet. *This one-year course satisfies the economics requirement for graduation in SVUSD.*

Health Science

Animal Health Care Internship – Train to work in a veterinary hospital, pet shop, or horse stable. Learn how to approach, handle, and properly restrain animals. Study animal behavior, nutrition, anatomy, terminology, diseases, safety, and sanitation. Discover career opportunities through guest speakers and field trips. After initial classroom instruction, intern at a veterinary hospital, pet shop, or horse stable. *Book purchase required for adults.*

Dental Assistant Chairside and Radiology Internship – Practice procedures needed to assist the dentist. Explore career options as a dentist, hygienist, chairside assistant, or registered dental assistant. Earn a California Dental Radiology Certificate. Receive internship training in a dental office. *Prerequisite: Good verbal and written English communication skills. Book purchase required for adults. Lab fee of \$20.00 required for all students.*

Dental Assistant Front Office – Prepare to work in a dental office. Instruction includes scheduling appointments, reception and telephone techniques, records management, billing, collections, word processing applications, and dental insurance. *Prerequisite: Good verbal and written English communication skills.*

RDA Preparation Cooperative – Prepare to take the California Registered Dental Assistant exam. This class is for employed dental chairside assistants. Practice the skills and learn the theory necessary to pass the exam. *\$12 lab fee is required for all students. Students must be employed a minimum of 9.5 hours per week. Book purchase required for adults.*

Emergency Medical Technician – Prepare for a career as an ambulance attendant or emergency room technician. EMT certification increases opportunities for a position as a lifeguard, firefighter, search and rescue team member, or ski patrol team member. Become eligible to take the National Registry EMT-Basic certification exam. *Must be 18 years old at the time of course completion. Eight hours each of ambulance ride-along and emergency room observation to be arranged. Prerequisites: High school students must have completed the First Responder course with a grade B; adult students must have current CPR Healthcare Provider card. Book purchase required for adults. Class will meet on either of the days shown depending on instructor's fire department work schedule and 4 additional Saturdays. Calendars of specific class days will be provided at first class session. White shirt and blue pants required. Approved for 48 hours of Continuing Education Units for CNAs.*

First Responder – Learn to provide immediate care to an ill or injured person and train to assist emergency medical services (EMS) providers. Gain valuable knowledge to enhance or pursue a career in fire service, sports medicine, coaching, ski patrol, medical facilities and life guarding. Understand the regulations and scope of practice for EMS. Practice CPR and first aid skills, patient assessment, triage, and emergency responsibilities. *Book purchase required for adults. Class will meet on either of the days shown depending on instructor's fire department work schedule. Calendar of class meeting dates will be provided at first class session.* Approved for 48 hours of Continuing Education Units for CNAs.

Medical Assistant Back Office Internship – Prepare for employment as a clinical medical assistant in a doctor's office, clinic, or health care center. Acquire knowledge in anatomy, and pharmacology; learn how to take vitals signs; assist with exams and surgeries; administer medication; and perform venipunctures, EKG, and lab procedures. Learn about ethics, and confidentiality. *Book purchase required for adults.* Approved for 48 hours of Continuing Education Units for CNAs.

Medical Assistant Front Office Internship – Acquire the necessary skills to work in a medical office. Learn reception and telephone techniques, scheduling procedures, records management, bookkeeping procedures, credit and collection, and medical terminology. Prepare to intern in a doctor's office or health care center. *Book purchase required for adults.*

Medical Office Management & Billing – Develop computer skills required for front office administrative tasks. Gain a working knowledge of billing, insurance codes (CPT/ICD-9 coding), and appointment scheduling, maintaining patient files, and creating reports. *This class is designed to complement the Medical Assistant/Front Office class and should be taken as part of the Medical Assistant program. Workbook purchase required for adults.*

Medical Terminology – Set the foundation for success in the health care field. Learn medical terminology and abbreviations used in various health careers. Identify diseases and common disorders; understand anatomical and physiological systems of the body. *Book purchase required for adults.* Approved for 48 hours of Continuing Education Units for CNAs.

Medical/Nursing Careers Internship – Intern in a variety of hospital departments while learning the necessary skills to become a nurse assistant. Develop knowledge of anatomy, CPR, infection control, vital signs, personal patient care, ethics and medical terminology. *Prerequisites: Basic math skills, good verbal and written English communications and good health. Criminal background check/Live Scan fingerprinting, books, uniforms, insurance, physical exam, TB skin test, and vaccinations are needed. Exam fees are required for students participating in the CNA component. Students may continue with advanced instruction up to 432 hours.* Approved for 48 hours of Continuing Education Units for CNAs.

Nurse Assistant Acute Care Internship (9 week class) – Prepare for a job as a nursing assistant in an acute hospital setting. Intern in a variety of departments while learning the skills necessary to be successful in a hospital setting. *Prerequisites: Basic math skills, good verbal and written English communications and good health. Criminal background check, books, uniforms insurance, physical exam, TB skin test and vaccinations are needed. Completion of CNA course or teacher approval required.* Approved for 48 hours of Continuing Education Units for CNAs.

Nurse Assistant Certification (CNA) Internship – Assist patients with basic personal needs like bathing, dressing, feeding, and ambulation. Practice techniques of infection control, measure and record vital signs, and recognize psychosocial needs. Meet eligibility requirements to take the written and performance examination to become a State Certified Nurse Assistant. *Prerequisites: Basic math, good English verbal and written communication skills, and good health. Uniforms, physical exam, TB skin test, vaccination,*

application, and exam fees required. Proof of Social Security Number required. Live Scan fingerprinting will be required. Individuals with convictions other than a minor traffic violation must have a criminal clearance before registering for this class.

Sports Medicine – Pursue the basic skills and fundamentals necessary for careers relating to sports medicine. Learn how to prevent athletic injury and increase athletic performance. Study body mechanics, treatment and management of athletic injuries, nutritional guidelines for maximizing performance, protective sports equipment, taping and bracing, psychological aspects of competition, training and conditioning techniques. *Book purchase required for adults.* Approved for 48 hours of Continuing Education Units for CNAs.

Public Services

Administration of Justice – Explore the American criminal justice system while considering a career as a police officer, federal agent, correction officer, or defense or prosecuting attorney. Learn the history and philosophy of the justice system and how it has evolved; structure of law enforcement; roles of criminal justice agents; concepts of crime causation; ethics, and education and training for professionals in the criminal justice system.

Baking & Pastry Fundamentals - Discover the fine art of baking and pastry. Learn proper equipment handling, product identification, terminology, and baking and pastry preparation. From basic breads, cakes and mousses to wedding cake decoration and plate presentation, each session will help reveal the secrets of perfect baking. *A \$40 materials fee is required of adults.*

Careers in Education – Prepare for an exciting and fulfilling career in education. Discover opportunities available in teaching and in other school-site professions. Explore the principles of learning and teaching, child guidance, classroom management, growth and development of children, curriculum development, and issues in education. Make classroom observations and deliver lessons to students on various school campuses.

Careers in Education (Docent Program) – Learn to teach science to elementary school students. In this one-year course, students (docents) work in teams to design lessons that support the science curriculum. Once the lessons are complete, the docents travel to elementary school sites to teach the lessons to students in first through sixth grades.

Careers with Children Internship – Explore the field of early childhood education and gain valuable experience working with children. Learn how to provide an exciting environment for children to discover the world. Develop and deliver lessons to students while interning at local preschools. *Note: All students need to have good verbal and written English communication skills. Passage of a basic skills test is required to participate in an internship. TB clearance and \$10.00 materials fee is required.*

Careers with Children Cooperative – Earn elective credit while working in child care. Learn to work with school-age children and develop career advancement skills. *\$10.00 materials fee required. Students must attend a weekly control class and work a minimum of 9 1/2 hours per week. Students must be employed in order to be enrolled in this course.*

Cosmetology (C) – Become a full service stylist. Prepare for the California State Board examination and for employment in a variety of beauty-oriented businesses by taking this 1600-hour course. Learn the techniques necessary for quality hairdressing, haircutting, hair coloring, permanent waving, skin care, and manicuring. This is an intensive program with strict requirements for serious students. Call the cosmetology school for start dates and a registration appointment. *Prerequisite: Completion of 10th grade. Students must be 17 by the completion of the class to take the State Board exam. Materials fee for high school students is \$175. It is strongly recommended, however, that high school students purchase a kit. Cosmetology kits range in price from \$600-\$650.*

Some replacement supplies will need to be purchased by the student during the training period. Call school for exact price of kit. Tuition for adult students varies from school to school. Adults, please call the beauty college directly to determine tuition.

Crime Scene Investigation – Discover the world of forensic science in this accelerated program. Examine the importance of physical evidence in solving crimes and how to collect and process evidence. Learn the techniques crime scene investigators use to diagram and photograph a crime scene, dust and lift fingerprints, and perform a gunshot residue test. *Prerequisite: Successful completion of Administration of Justice or instructor approval.*

Culinary Arts Internship – Take the first step to your career as a chef in a fine restaurant or hotel. Learn safety and sanitation, knife skills, cooking techniques, and food service procedures. *Navy slacks and black leather shoes with rubber soles and purchase of \$45 chef's coat is required. Internship classes: After the first 6 weeks, students will continue to meet on Tuesdays for classroom instruction and will intern in a restaurant or hotel kitchen on Thursdays and Fridays for 4 hours day.*

Culinary Arts Internship (Advanced) – Expand your culinary skills to master the art of preparing worldwide cuisine. Participate in menu competitions creating and presenting a variety of courses. *Prerequisite: Successful completion of Culinary Arts Internship, Baking and Pastry or prior kitchen experience.*

Diversified Service Careers Internship – Prepare for entry-level employment in a number of fields. This course, designed for special student populations, offers preparation in fields including animal care, assembly, clerical, food service, grounds maintenance, retail, hospitality, and library services. After initial classroom instruction, intern at a local business. *Instructor approval required.*

Esthetician (E) – Begin your career as a qualified esthetician by completing this 600-hour course. Prepare for the California State Board examination. Become an expert in facials, make-up, hair removal, sanitation, and safety precautions. High school students may take Esthetician in the summer. Call the cosmetology school for further information or to enroll. *Prerequisite: Completion of 10th grade. Students must be 17 by the completion of the class to take the State Board exam. Materials fee for high school students is \$175. Esthetician kits are \$600 - \$650. Some replacement supplies will need to be purchased by the student during the training period. Tuition for adult students varies from school to school. Adults, please call the beauty college directly to determine tuition.*

Fire Technology – Consider a career in the fire service as a firefighter or firefighter/paramedic. Explore the possibilities while being exposed to various aspects of the industry. Learn the history of fire service, behavior of fire, fire communications, emergency services, fire safety, and equipment use, as well as career preparation skills. *Class will meet on either of the days shown depending on instructor's fire department work schedule. Calendar of class meeting dates will be provided at first class session. In addition, class will meet on 2 Saturdays, to be arranged.*

Food Services Cooperative – Earn elective credits while working in the food services industry. Enroll in this course if you are employed in the food service industry (hotels, hospitals, retirement homes or fast food.) Increase your knowledge and opportunity for advancement in this field. Students must attend a weekly control class and work a minimum of 9 ½ hours per week. *Students must be employed in order to be enrolled in this course.*

Hotel and Tourism Internship – Prepare for the tremendous growth in this industry. Witness behind the scenes operations as you intern at some of the area's best properties. Gain valuable experience by training at the front desk, engineering, sales and catering, human resources, or in-house restaurants. Opportunities may arise for students to assist with special events. *Black slacks and a white shirt or blouse required.*

Manicuring (M) – Become a manicurist by completing this 400-hour course and passing the California State Board examination. Learn the techniques to perform water and oil manicures, hand and arm massage, and application of artificial nails. This is an intensive program with strict requirements for serious students. Call the cosmetology school for start dates and a registration appointment. *Prerequisite: Completion of 10th grade. Students must be 17 by the completion of the class to take the State Board exam. Materials fee for high school students is \$175. It is strongly recommended, however, that high school students purchase a kit. Manicuring kits are \$430. Some replacement supplies will need to be purchased by the student during the training period. Tuition for adult students varies from school to school. Adults, please call the beauty college directly to determine tuition.*

Service Careers Cooperative – Earn elective credits while working in a service-related occupation. Develop skills necessary for career advancement by learning how personal development affects present employability, as well as future success. Increase your knowledge of communication and interpersonal skills, teamwork, customer service, and problem solving. Silverado/Mira Monte HS students have priority at the Silverado location. Students must attend a weekly control class and work a minimum of 9 ½ hours per week. Students must be employed in order to be enrolled in this course.

Science and Technology Pathway

A + Certification Preparation/IT Essentials 1 – Prepare for the industry-related A+ Certification Exam, a vendor neutral program sponsored by the Computing Technology Industry Association (CompTIA). Learn to repair, install, configure, troubleshoot, diagnose, and network computer systems. *Book purchase optional.*

Automotive Technology – Gain basic skills used in performing tune-ups and lubrication, brake adjustments and replacements, and study power train systems. Develop knowledge of theory, diagnosis, and repair. Some classes may have a lab fee.

Automotive Technology Internship – Build advanced skills to prepare for a career in the automotive industry. Students spend eight weeks in the classroom concentrating on tune-ups, lubrication, brakes, suspension, power train systems theory, diagnosis, and repair. Students are placed in local automotive repair facilities for the remainder of the semester. Previous automotive experience is recommended. Internship sites are a combination of job shadowing with some "hand on" opportunities.

Computer Aided Drafting – Prepare for an entry-level job or enhance your current skills. Learn to design and draft using AutoCAD. Advanced instruction available up to 360 hours.

Computer Programming – Learn basic functions of PC programming languages and techniques, including Visual Basic, C++, Java, Java Script, and HTML. *This course is designed for individuals with intermediate to advanced PC skills.*

Construction Technology – Prepare for a career in this booming field. Instruction and lab experience includes: blueprint reading, basic plumbing, electrical, masonry, glass, tile, flooring, drywall, carpentry, and roofing repairs.

Home Technology Integration – Train for a career in the automated home industry and prepare for CompTIA's industry-related home technology integrator certification exam. Learn how to install, integrate, and troubleshoot home security, audio/video, computer networks, electrical wiring, HVAC systems, cable/satellite, broadband, telecommunications, and structured wiring to create the connected home.

Principles of Engineering – Discover the field of engineering technology by exploring manufacturing processes and technology styles. Using activities, projects, and problems, students learn first hand how engineers and technicians use math, science, and technology in this field.

ADULT EDUCATION PROGRAM

Adult Education offers a variety of educational alternatives for high school students. While classes in Adult Education are not approved for University of California (UC) or California State University (CSU) college entrance requirements, they may, however, be taken to make up course deficiencies for high school graduation, as elective credits, or simply for educational enrichment. Adult Education classes are available to 9th graders and above but space priority is given to 12th and 11th graders. Some classes are available in an on-line format. To enroll, students and their parent or guardian must participate in a conference with certificated personnel at their high school and complete the approval form. Scheduling of Adult Education classes varies from semester to semester, but generally classes are offered during the afternoon and evening hours. For current semester scheduling, class descriptions, and credit status, a detailed brochure is available at the Adult Education Office or at any of the high school guidance departments. Class information is also available on-line at: www.GoAdultEd.com.

The following is a list of some of the many classes offered through Adult Education:

ACCOUNTING

Accounting I & II

ART

Ceramics

COMPUTERS SKILLS

Adobe Photo Shop
Computer Graphics
Digital Video Editing
Introduction to Computers I & II
Keyboarding
Microsoft Excel Beg & Inter
Sm Busnss Acct Using Quick
Books
Basic Computer
Troubleshooting
Easy MS Word/PowerPoint
Build A PC
Flash Animation I & II
Making A Web Site
Build A Robot
Computer Repair
Digital Slide Show Production
Podcasting

ENGLISH IMPROVEMENT

English as a Second Language
English Pronunciation
Improvement
English Conversation
English Reading/Writing
Basic Writing

FOREIGN LANGUAGE

Spanish for the Workplace

HEALTH

Principles of Basic Health

HOME ECONOMICS

Beginning Sewing I & II
Independent Sewing

ON-LINE CLASSES

Computer Concepts
Microsoft Outlook
Microsoft PowerPoint
Microsoft Word
Civics

ON-LINE CLASSES CONTINUED

Economics
Earth Science
Environmental Science
Integrated Science
Street Law
Principles of Basic Health

PARENT EDUCATION

Child Development

PROFESSIONAL CERTIFICATION

A+ Certification – PC Mgt &
Repair
Engineering/Architectural CAD

TECHNICAL TRAINING

Woodworking

TEST PREPARATION

CAHSEE Preparation
GED Preparation
SAT/PSAT Preparation

HIGH SCHOOL SUBJECTS

English 1-4
English Review
Geography
World History
US History
Civics/American Government
Economics
Life Science
Earth Science
Physical Science
Integrated Science
General Math
Business Math
Algebra 1A & 1B
Today's Choices
Today's Issues A & B
Film Appreciation I & II
Study Skills For Success A & B
World History: Current Events

Saddleback Valley Unified School District Administration

Dr. Steven L. Fish, Superintendent
Steve McMahon, Assistant Superintendent
Jennifer Huff, Assistant Superintendent
Laura Ott, Assistant to the Superintendent

Saddleback Valley Unified School District High Schools

El Toro High School

25255 Toledo Way, Lake Forest 92630 (949) 586-6333
Allan Mucerino, Principal

Laguna Hills High School

25401 Paseo de Valencia, Laguna Hills 92653 (949) 770-5447
Ed Adams, Principal

Mission Viejo High School

25025 Chrisanta Drive, Mission Viejo 92691 (949) 837-7722
Marilyn McDowell, Principal

Trabuco Hills High School

27051 Mustang Run, Mission Viejo 92691 (949) 768-1934
Dan Sullivan, Principal

The Saddleback Valley Unified School District Course Description and Program Planning Guide was produced through the cooperation of the following people:

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Special thanks to
Donna Perez, Secretary, Instructional Services
Rick Skendrovich, Print Shop Supervisor and the Print Shop Staff