

OAK HILLS HIGH SCHOOL
COURSE DESCRIPTIONS 2010-2011

ENGLISH / LANGUAGE ARTS

0210 ENGLISH I

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9

Students will develop and improve writing skills through the study of grammar, punctuation, and sentence construction. Students will read works from the various genres of literature. Assignments and projects will require students to apply and develop critical thinking and analytical skills.

0220 ENGLISH I HONORS

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9

Prerequisite: Teacher Recommendation

Students will study works from the various genres and develop and strengthen interpretive, critical thinking, and analytical skills. Students will write in-depth essays analyzing literature. This is a pre-advanced placement course designed to prepare students for the Cal State and UC systems.

Special Comments: Recommended A or B in 8th grade English as well as strong writing and reading skills.

0230 ENGLISH II

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10

English II will continue to develop and improve writing skills. Students will read literary works paralleling the study of world history. Assignments and projects will require students to apply and develop critical thinking and analytical skills.

0240 ENGLISH II HONORS

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10

Students will study works from classical world literature, developing and strengthening interpretive, critical thinking and analytical skills. Special attention is given to writing that emphasizes proofreading and revising. This is a pre-advanced placement course designed to prepare students for the Cal State and UC systems.

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0250 ENGLISH III

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11

Students will read and study works from American literature. Assignments and projects will require students to develop and apply critical thinking, analytical, and writing skills. Building on concepts learned and practiced in English 9 and English 10, this course will further develop grammar, composition, speaking, listening and reading skills

0270 ENGLISH LANGUAGE III AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11

Prerequisite: English I & II Honors, teacher approval

Students become skilled readers of American prose written in various period, disciplines, and rhetorical contexts and skilled writers who compose for a variety of purposes and audience expectations. Students write effectively and confidently in a number of forms—narrative, exploratory, expository and argumentative. The desired goals are the effective use of language and the organization of ideas in a clear, coherent, and persuasive way, as well as the perceptive understanding of sophisticated masterpieces of American literature.

0265 ENGLISH III EXP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11

Students will read and study works from American literature. Assignments and projects will require students to develop and apply critical thinking, analytical, and writing skills. This course is designed for college-bound students, placing emphasis on rigorous reading and writing skills expected of first year college students.

0280 ENGLISH IV

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

This college prep course focuses on the study of British Literature. Emphasis will be placed on the analysis and appreciation of the poetry, plays and essays that are masterpieces of the English language.

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0300 ENGLISH LITERATURE IV AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

Prerequisite: English I & II Honors, English III AP, teacher approval
Advanced Placement English is a college preparatory course that uses a variety of literary works to examine rhetorical strategies and stylistic choices. Students read a wide variety of prose styles from many disciplines and historical periods to gain understanding of the connections between interpretive skills in reading and writing. Emphasis is placed on writing in particular forms—argumentative, exploratory narrative, expository. The major purpose is to enable students to write effectively and confidently in college courses across the curriculum and students' professional and personal lives.

0271 ENGLISH IV EXP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

This college prep course focuses on the study of British Literature. Emphasis will be placed on the analysis and appreciation of the poetry, plays and essays that are masterpieces of the English language. Students will read and study works from American literature. Assignments and projects will require students to develop and apply critical thinking, analytical, and writing skills. This course is designed for college-bound students, placing emphasis on rigorous reading and writing skills expected of first year college students

0330 BEGINNING JOURNALISM

Course Length: Year

Credits: 10

Grade Level: 9-12

This is an introductory course concentrating on elements of journalistic style, including basic news and editorial writing and newspaper production. Preparation and production of the school newspaper will be taught.

0340 ADVANCED JOURNALISM

Course Length: Year

Credits: 10

Grade Level: 10-12

Prerequisite: English I, Beginning Journalism, teacher approval

This journalism laboratory is designed for students to participate in writing, planning and publishing the school newspaper. The course develops organization, management, and leadership skills.

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0370 CREATIVE WRITING

Course Length: Year

Credits: 10

Grade Level: 9-12

Poetry, short story, play, screenplay, and advertising are some of the creative writing formats this course will use to develop writing process skills. Instruction, modeling, practice, group work, and coaching will help the student to establish a writer's voice.

0350 BIBLE AS LITERATURE

Course Length: Year

Credits: 10

College Prep: Pending

A-G Approved: Pending

Grade Level: 11-12

Biblical literature focusing on the historical narrative, wisdom literature, poetic writings, epistles and prophecies will be studied. Students will examine major themes, authors, and historical perspectives contained in the Bible.

0255 INTER-CULTURAL COMMUNICATION:

Course Length: Year

Credits: 10

College Prep: Pending

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Completion of English courses with a B or better; Preferably AP/Honors Students.

Intercultural Communication is an introductory college level course that provides students with an opportunity to explore existing and emerging issues, theories and practices in intercultural communication. Students will examine how human beings interact in a multicultural society and global community, while also conceptualizing current communication and research done in the field. A variety of multicultural texts will be read, examined and discussed.

0410 READING

Course Length: Year

Credits: 10

Grade Level: 9-12

Focus of this course is on reading improvement. Instruction will include listening skills, concept development, vocabulary development, all levels of comprehension, and appreciation of language, as well as individual needs in word attack and structural analysis skills.

Special Comments: Designed for 9th grade students reading below 8.0 grade level. Placement is determined by standardized silent reading test, review of past reading history and recommendation of Reading Department.

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0510-40 ENGLISH LANGUAGE DEVELOPMENT I-IV (ELD)

Course Length: Year

Credits: 10

Grade Level: 9-12

These courses are equivalent to English I-IV, with provisions for students with limited English proficiency.

FAMILY AND CONSUMER SCIENCE

6550 CHILD DEVELOPMENT AND GUIDANCE

Course Length: Year

Credits: 10

Grade Level: 9-12

This course focuses on the serious, vital role of the parent in today's society. The three main components included are prenatal and infancy, early childhood, and effective parenting.

FOREIGN LANGUAGE

4300 FRENCH I

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Introduces students to basic structures of the French language, with emphasis on listening, speaking, reading and writing. The course also introduces various cultural similarities and differences between France and the United States, including customs, work ethics, education, and leisure time activities.

4310 FRENCH II

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: French I and teacher approval

This intermediate course builds on the foundation of French I. Students will continue to expand vocabulary, knowledge of French language structure and French culture.

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4320 FRENCH III

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: French II and teacher approval

An advanced course in which students expand their vocabulary and grammatical proficiency in the French language and begin the study of French literature.

4340 FRENCH LANGUAGE IV AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

Prerequisite: French III and teacher approval

The course seeks to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than to cover any specific body of subject matter. Extensive training in organizing and writing compositions is also covered. Students will prepare to successfully challenge the national Advanced Placement examination.

4400 SPANISH I

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Introduces students to basic structures of the Spanish language, with emphasis on listening, speaking, reading, and writing. The course also introduces various cultural similarities and differences between Spanish-speaking countries and the United States, including customs, work ethics, education, and leisure time activities.

4410 SPANISH II

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 09-12

Prerequisite: Spanish I and teacher approval

This intermediate course builds on the foundation of Spanish I. Students will continue to expand vocabulary, knowledge of Spanish language structure and Hispanic culture.

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4420 SPANISH III

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Spanish II and teacher approval

An advanced course in which students move towards fluency in the Spanish language by continuing to expand their vocabulary and making a more in-depth study of language structure. Spanish language literature is introduced.

4440 SPANISH LANGUAGE IV AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Spanish III and teacher approval

Taught at the college level, this course prepares students to successfully pass the Advanced Placement Spanish Language examination. Students polish their skills in listening comprehension, speaking proficiency, reading and writing as well as continuing to expand their vocabulary and their knowledge of Hispanic culture. **Students completing this course will be prepared to take the AP Exam on Spanish, language.**

4450 SPANISH LITERATURE V AP

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Spanish III and teacher approval

(Successful completion of Spanish IV or Spanish for Spanish Speakers and teacher recommendation.) Taught at the college level, students are prepared to successfully pass the Advanced Placement Spanish Literature examination. Intended as the equivalent of a third-year college Introduction to Literature course. Students will participate in discussions on literary topics in Spanish and analyze critically the form and content of literary works, including poetry, using appropriate terminology. **Students completing this course will be prepared to take the AP Exam on Spanish, literature.**

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4460-70 HERITAGE SPANISH I - II

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Prerequisite: Students must come from a home environment where Spanish is spoken and must be fluent Spanish speakers.

Designed for students who already understand and speak Spanish but who may not read or write it. Students learn to express themselves more completely in both spoken and written Spanish. They reflect upon and discuss Hispanic culture in the context of the whole Hispanic world and make comparisons to their home cultures. Upon completion of this course, students should be able to develop oral fluency and competency in basic reading and writing skill.

Special Comments: Students (other than ELD students) should be functioning well in English in order to undertake the rigorous study of a formal foreign language course.

INDUSTRIAL TECHNOLOGY

6055 AUTOMOTIVE TECHNOLOGY I

Course Length: Year

Credits: 10-20

Grade Level: 9-12

This is a course that blends theory and practice with the working principles of the modern automobile. All major systems of the engine and chassis are covered.

6065 AUTOMOTIVE TECHNOLOGY II

Course Length: Year

Credits: 10-20

Grade Level: 10-12

Prerequisite: Auto Tech I and teacher approval

Hands-on skills are taught involving service and maintenance, shop safety equipment, engine service and lubrication, tire and wheel maintenance and repair, brake system service, tune-up, and electrical system service and repair. May be a 2-period block.

6070 AUTOMOTIVE TECHNOLOGY III

Course Length: Year

Credits: 10-20

Grade Level: 11-12

Prerequisite: Auto Tech II and teacher approval

This is a hands-on performance course. Topics include air conditioning, service and repair, front-end alignment, suspension and steering repair, and engine overhaul. May be a 2-period block.

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6080 AUTOMOTIVE TECHNOLOGY IV

Course Length: Year

Credits: 10-20

Grade Level: 11-12

Prerequisite: Auto Tech III and teacher approval

This is a hands-on mastery course in which students perform as shop managers. Topics emphasized include equipment maintenance, personnel, shop ticket preparation, job estimating, labor and parts, employee training, and advanced repair of all systems covered in Automotive Technology II and III. May be a 2- period block.

6200 DRAFTING TECHNOLOGY I

Course Length: Year

Credits: 10

Grade Level: 9-12

The purpose of this course is to help students learn to visualize in 3 dimensions; to develop and strengthen their technical imagination; to think precisely; and to read and write the language of industries. Students will gain experience in making working drawings according to current industrial practice. Computer aided drafting is introduced.

6205 DRAFTING TECHNOLOGY II-IV

Course Length: Year

Credits: 10

Grade Level: 10-12

Prerequisite: Teacher approval

Students prepare complete architectural and mechanical drafting plans to industry standards. Advanced projects will prepare students for employment and build a professional quality portfolio.

JROTC ARMY LEADERSHIP EDUCATION AND TRAINING (LET)

3500 JROTC ARMY LET I

Course Length: Year

Credits: 10

Grade Level: 9-12

The mission of Leadership Education and Training (LET) is to motivate first year JROTC cadets to be better citizens. To accomplish this purpose, the text discusses citizenship, leadership, and a number of other courses designed to help the cadets succeed in high school and after graduation. Cadets wear uniforms one time each week. Extracurricular activities include: Providing color guards, eating at concession stands, participating in community parades, drill and rifle teams. Course may satisfy other graduation requirements. **One year of ARMY JROTC LET meets one year of the PE graduation requirement.**

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3510 JROTC ARMY LET II

Course Length: Year

Credits: 10

Grade Level: 10-12

Prerequisite: Army LET I

The second year of Leadership Education and Training provides more details about leadership situations. The program is split into units including: techniques of communication, leadership, cadet challenge, leadership lab, first aid, map reading, history, your American citizenship, career opportunities, and role of the U.S. Army. The wearing of the uniform and extracurricular activities are the same as for LET I. **One year of ARMY JROTC LET meets one year of the PE graduation requirement.**

3520 JROTC ARMY LET III

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Army LET II

The third year of Leadership Education and Training provides still more leadership situations. In this year students will not only be more involved as teacher and leaders within the cadet battalion, but they will also do more independent studies in the areas of communication, leader, first aid, history, map reading, career opportunities, and technology awareness. The wearing of the uniform and the extracurricular activities are the same as for LET I. **One year of ARMY JROTC LET meets one year of the PE graduation requirement.**

3563 JROTC ARMY LET IV

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Army LET III

The fourth year of Leadership Education and Training prepares fourth-year cadets to be responsible for the daily cadet administration and perform as commanders and staff officers. They act as assistant instructors in some subject areas for other JROTC classes. They continue to develop their leadership skills and plan special unit events such as the military ball or the annual awards banquet. **One year of ARMY JROTC LET meets one year of the PE graduation requirement.**

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MATHEMATICS

1218 ALGEBRA READINESS

Course Length: Year

Credits: 10

Grade Level: 9-10

Students learn to reason symbolically and calculate using symbols. They solve progressively more complex types of equations and problems. This course focuses on integers, fractions, decimals, exponents, roots, and graphing in the coordinate plane. It is designed to review some Pre-Algebra concepts as well as introduce some Algebra concepts to prepare the student for Algebra 1. Students will learn to add, subtract, multiply, and divide, fractions and decimals. They will also convert fractions to decimals and percents, as well as solve proportions. Students will extend their mathematical reasoning in many important ways including justifying steps in an algebraic procedure and checking algebraic arguments for validity.

1219 ALGEBRA E - ESSENTIALS

Course Length: Year

Credits: 10

Grade Level: 9 -11

The aim of Essentials is to teach students the essential algebraic skills of a traditional course at a slightly slower pace. The course content includes operations with positive and negative numbers, monomials and polynomials, systems of equations and applications through story problems. This course is **NOT** college prep, but it does meet the Algebra graduation requirement.

1230 ALGEBRA I

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9 -11

Prerequisite: Teacher recommendation

Algebra I is a basic first year algebra course. Content includes fundamental laws and operations of algebraic expressions; signed numbers and solving of linear equations by graphing; equations; factoring and radicals; the concepts of sets; inequalities; the properties of numbers; and the concept of a function.

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1250 GEOMETRY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Prerequisite: Algebra I or IB, teacher recommendation

The Geometry course is designed to introduce the basic principles of geometry. Topics include basic geometric constructions with straight-edge and compass, points, planes, lines, theorems, postulates, congruence, similarity, triangles, inequalities, parallels, quadrilaterals, polygons, circles, coordinate geometry.

1251 PRACTICAL GEOMETRY

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Algebra I or IB

This Geometry course is designed to meet the California Math Standards and satisfy the graduation requirements for Math. It is a standard plane geometry course covering the basic principles of geometry but does not emphasize the formal proof. **Does not meet college admission math requirement.**

1260 ALGEBRA II

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-11

Prerequisite: Geometry, teacher recommendation

Algebra II will continue the topics introduced in Algebra I as well as new algebraic ideas. Topics include real numbers, inequalities, functions and graphs, systems of equations, polynomials, rational expressions, radicals and irrational numbers, quadratic functions, conic sections, polynomial functions, exponential and logarithmic functions, sequences and series, probability, matrices, circular and trigonometric functions.

1261 FINITE MATH

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Algebra II

This course is designed to prepare students for college entrance exams. Topics will include Linear Equations and Functions, System of Equations, Probability Distributions and Statistics, and Binomial and Normal Distributions.

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1320 STATISTICS AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Algebra II, teacher recommendation

Topics include the nature of statistics, organizing data, descriptive data, probability concepts, direct random variables, normal distribution, sampling distribution of the mean, and inferences of population proportions, chi square procedures, descriptive methods in regression and correlations, inferential methods in regression and correlation, and analysis of variant.

1270 MATH ANALYSIS

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Algebra II, teacher recommendation

Math Analysis combines trigonometry with other advanced topics such as conic sections, complex numbers, polar coordinates, probability statistics, limits and introductory calculus. Other topics include trigonometric ratios, applications of right triangles, law of sine, law of cosine, proving identities, cosine of a sum of difference, sine of sum or difference, double-angle and half-angle formulas.

1280 CALCULUS AB AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

Prerequisite: Math Analysis, teacher recommendation

Students will be introduced to the derivative, the integral and their applications; the tangent line to any point on a smooth curve, related rate problems, curve sketching, integral techniques and methods to find the area between two curves and related volume. Effective use of graphing calculator will be taught in preparation for Advanced Placement examination.

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PHYSICAL EDUCATION

5000 FRESHMAN PHYSICAL EDUCATION

Course Length: Year

Credits: 10

Grade Level: 9

Students will participate in a number of field and gym activities designed to acquaint them with team sports and lifetime recreational activities. Included are segments of five areas of physical fitness; cardiovascular, body fat, muscular endurance, muscular strength, and flexibility. Students will also study nutrition, physical, emotional and social wellness; substance abuse, diseases; and other state-required topics. Personal decision-making and responsibility will be discussed. Uniforms are required.

Comment: Since the Health requirement is six hours of instruction covered during the year in Freshman PE, students who fail PE may take Sports Conditioning in summer school to make up the PE requirement, and either Child Development or On Your Own classes to substitute for a failure in Health.

5010 GENERAL PHYSICAL EDUCATION

Course Length: Year

Credits: 10

Grade Level: 10-12

The Physical Education program teaches hand-eye coordination, aerobic conditioning, foot-eye skills, large and small motor coordination skills in a format that includes competitive and non-competitive games. Uniforms are required.

5401 SPORTS CONDITIONING

Course Length: Year

Credits: 10

Grade Level: 9-12

Prerequisite: Team eligibility

This course is designed to teach specialized skills to students who are participating on a sports team. This course teaches students proper weight lifting techniques for strength, body conditioning, and toning.

5310 CHEERLEADING

Course Length: Year

Credits: 10

Grade Level: 9-12

Prerequisite: Auditions held during spring semester

This course emphasizes development of muscular strength, coordination, agility, flexibility, and balance. Cheerleaders participate at most athletic events. They are responsible for pep rallies and assume other leadership roles on campus and at athletic events.

Special Comments: Students must be in good standing in grade 10, 11, or 12. Requires commitment beyond the normal school day.

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5320 PAGEANTRY CORPS / FLAG / DRILL TEAM

Course Length: Year

Credits: 10

Grade Level: 9-12

Prerequisite: Audition

This is designed to explore basic dance and drill techniques and rhythmic movements through the use of tall flags, rifles, and color guard equipment.

Special Comments: Requires commitment beyond the normal school day.

SCIENCE

3050 BIOLOGY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12, (9th graders must be enrolled in either Eng 1H or Geometry also).

Biology is a laboratory-oriented course, which introduces students to selected forms of life from the smallest viruses to the largest multi-cellular organism, including their contributions and pathologies. The interrelationships among all organisms and their environments are discussed. Students study the human organism along with the unique role it plays in the "web of life." Students learn to use the scientific method to solve problems; to plan effectively; and to observe, organize, analyze, and understand the biological world. They learn to use technology that will aid them in the development of introductory research. These tools will enable them to explore and further understand the changing world.

3080 ANATOMY / PHYSIOLOGY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Biology

This is a college preparatory course dealing with the human anatomy from both a morphological and physiological viewpoint. The course is laboratory in nature with dissections of the fetal pig for comparative purposes to that of human tissues and systems. In addition, lectures, laboratories and demonstrations/discussions concerning functional activities of the living body in terms of both cellular and systemic functions will be conducted. The use of advanced techniques of research will be emphasized throughout the course.

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3060 BIOLOGY AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Biology, Anatomy, teacher approval

This is a college preparatory course involving extensive scientific research, problem solving, and reporting on current scientific topics. The student will be required to use computer technology to research topics, problem solve, organize data, and to report conclusions dealing with the human anatomy. The use of advanced techniques of research will be emphasized. Those passing the AP test may earn college credit.

Special Comments: Students will be required to enter one of their scientific projects in the school science fair. Course requires a great deal of independent work and creative thought from the students.

3109 INTRODUCTION TO PHYSICAL SCIENCE

Course Length: Year

Credits: 10

Grade Level: 9

Intro to Physical Science is a freshman level course designed to teach the California Earth Science standards. Topics include geology, weather, oceans, and space science. The fourth quarter includes very basic principles from Chemistry. This is not a "laboratory science" course as defined by the Cal State University system, although labs may be included in the curriculum.

3110 PHYSICAL SCIENCE

Course Length: Year

Credits: 10

Grade Level: 11-12

Physical Science is an introductory non-laboratory course including topics in chemistry, energy, measurement, physics, geology, astronomy, and ecology.

3180 CHEMISTRY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Algebra II or concurrent enrollment, Biology

This course is organized around the theme that the properties of matter are a consequence of its structure. It is an in-depth study of inorganic chemistry with an introduction to nuclear chemistry. It includes laboratory investigations, concepts in chemistry, and is designed and structured to satisfy university entrance requirements. Techniques of research will be included to further develop critical thinking capabilities.

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3190 PHYSICS

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Algebra II, Biology

Physics is a college preparatory laboratory science course that introduces students to the basic principles that laws of physics involving matter, mass, inertia, density, energy, heat, light, and waves. Emphasis is placed on problem solving, analysis of laboratory work, and development and substantiation of hypotheses. The use of advanced techniques of research will be emphasized throughout the course.

SOCIAL STUDIES

2030 WORLD HISTORY, CULTURES, AND GEOGRAPHY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10

Students examine major turning points in the shaping of the modern world from the late eighteenth century to the present. Topics to be covered include the expansion of the West, the rise of democratic ideas, the industrial revolution, imperialism, the World Wars, totalitarianism, and current world issues.

2040 WORLD HISTORY, CULTURES, & GEOGRAPHY-HONORS

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10 (9th Grade ACE Academy Students)

Prerequisite: Teacher recommendation

This course includes an in-depth, accelerated study of World History with emphasis on independent research and active classroom participation.

2050 EUROPEAN HISTORY AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10 - 12

Prerequisite: Teacher recommendation

This advanced placement course focuses on world history from the Renaissance to the collapse of the Soviet Union. **Prepares students for the European History AP College Exam; if exam is passed, students may receive college credit.**

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2070 UNITED STATES HISTORY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11

This course will examine the political, economic, social, and culturally diverse history of the United States from reconstruction to the end of the cold war.

2090 UNITED STATES HISTORY AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11

Prerequisite: World History, teacher recommendation

This advanced placement course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Students will develop the skills necessary to arrive at conclusions on the basis of informed judgment and present reasons and evidence clearly and persuasively in essay format in preparation for the AP United States History exam.

2110 AMERICAN GOVERNMENT

Course Length: Semester

Credits: 5

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

The American Government course will focus on the Constitution and Bill of Rights; the courts and governmental process; branches of government; federalism; comparative government; contemporary issues; and citizen responsibilities.

2160 US GOVERNMENT & POLITICS AP

Course Length: Semester

Credits: 5

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

Prerequisite: Teacher recommendation

This course will provide a foundation for developing paradigms of different types of political systems. It will encompass the study of both specific countries and their governments and concepts used to interpret the political relationships and institutions found in virtually all national politics.

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2150 ECONOMICS

Course Length: Semester

Credits: 5

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

Students will study fundamental economic concepts, comparative economic systems, individual behavior in the economy (microeconomics), the functioning our economy as a whole (macroeconomics), and international economic concepts.

2180 MACROECONOMICS AP

Course Length: Semester

Credits: 5

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

Prerequisite: Teacher recommendation

This advanced placement course is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops familiarity with economic performance measures, economic growth, and international economics. Preparation for the Advanced Placement Examination in Macroeconomics is an integral part of the course.

2220 PSYCHOLOGY AP

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Teacher recommendation

The advanced placement course in Psychology is an introductory college-level course with a focus on the systematic and scientific study of the behavior and mental processes of human beings. Students will be exposed to the facts, principles, and phenomena associated with each of the sub-fields within psychology.

Special Comments: Students will be encouraged to take the AP Examination.

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VISUAL AND PERFORMING ARTS

4010 ART I

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

This course is designed to explore two-dimensional art through applications in drawing, design and media usage. Techniques involve use of line, value, shape, texture, color, perspective, and collage. Students will be introduced to a variety of media including pencil, charcoal, pastels, chalks, tempera paint, and ink. Measuring, proportion, composing, drawing, and painting will be introduced. Major time periods and movements in art as well as individual artists will be studied.

4020 ART II

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Art I, teacher recommendation

This is a two-dimensional art course which builds upon the basic principles learned in Art I. Course content may include painting, figure drawing, realistic and naturalistic methodologies. Portfolio development and art professions will be discussed.

4030 ART III

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Art II, teacher recommendation

This is a two-dimensional course in which students will achieve highly refined drawing and design skills. Further in-depth studies, including historical influences, in still life and figure drawing and painting will be examined. A variety of artistic styles will be modeled and students will be encouraged to explore career and college choices.

4060 FINE ARTS APPRECIATION

Course Length: Year

Credits: 10

Grade Level: 9-12

This course provides an exposure to the visual and performing arts in their historical, contemporary, and cultural context.

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4070 AP STUDIO ART – DRAWING CONCENTRATION

Course Length: Year

Credits: 10

Grade Level: 10-12

This course is designed for highly motivated art students interested in greatly increasing drawing and painting skills while receiving AP credit.

4090 AP ART HISTORY

Course Length: Year

Credits: 10

Grade Level: 10-12

This course is a chronological art survey course that focuses on Western art from BC (before Common Era) to the present day. Students will complete reading assignments, keep a detailed notebook, and sit for the AP exam in May.

4080 CULTURAL ART AND CRAFTS II-IV

Course Length: Year

Credits: 10

Grade Level: 9-12

These are courses in advanced two-dimensional and three dimensional design in art with emphasis on native cultures. Advanced projects from various countries will be explored, building upon skills developed in previous courses. Form and function of a culture's arts and crafts will be studied, along with indigenous artists. Indian beadwork, clay storyteller dolls, ceramics, papermaking, and jewelry-making techniques will be included.

4100 SCULPTURE I

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Sculpture I is a course in three-dimensional design. It covers form, composition, and spatial design. Techniques of carving, fabrication, assembly casting; and modeling of various materials will be introduced and explored using clay, plaster, wood, latex rubber, concrete and metals commonly used in casting.

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4110 SCULPTURE II

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Sculpture I, teacher recommendation

This is a three-dimensional art course which builds upon basic principles and skills learned in Sculpture I in spatial design using a variety of media including plaster, metal, paper and clay. Course content may include carving, casting, modeling, sculpting and jewelry-making, throwing on the potter's wheel. Portfolio development and art professions will be explored.

4120 SCULPTURE III

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 11-12

Prerequisite: Sculpture II, teacher recommendation

This is a three-dimensional art course in which students will achieve refined sculpture techniques in spatial design in a variety of media including plaster, metal, paper and clay. Further in-depth studies, including historical influences in design and sculpture will be examined. Various artistic styles will be modeled and students will be encouraged to explore career and college choices.

4130 SCULPTURE IV

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 12

Prerequisite: Sculpture III, teacher recommendation

This course is designed for the advanced sculpture student to explore the fields of three-dimensional design in clay, metal, paper and plaster, jewelry-making, and mixed media. Emphasis is placed on the development of independence, style and portfolio preparation and presentation.

4500 CONCERT CHOIR

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

This course is designed for training students with no previous choral experience. Emphasis is placed on the development of singing skills, reading music, awareness of stylistic differences, and general musicianship. Public performances will be included.

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4590 MUSIC APPRECIATION

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Music Appreciation is an introduction to the ideas, values, and practices that have defined human music making throughout history. This course will cover the elements of music, historical musical periods and major musical landmarks. Students will also acquire a basic working knowledge of musical notation and terminology.

4630 CONCERT BAND

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Prerequisite: Audition and director's approval

This instrumental music course helps students build on previous knowledge and experience. Musicianship and music theory are emphasized. The group performs at athletic events and formal concerts and participates in both marching and concert festivals.

Special Comments: Commitment beyond the normal school day is required.

4640 SYMPHONIC BAND

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Prerequisite: Audition and director's approval

This is a selective advanced performing group whose repertory includes contemporary and classical music. Musicianship and music theory are emphasized. The group performs at athletic events and formal concerts and participates in both marching and concert festivals.

Special Comments: Students must own or rent instrument. Commitment beyond the normal school day is required.

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4650 WIND ENSEMBLE

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Prerequisite: Audition and director's approval

This is a selective performing organization whose repertory includes traditional and popular music from all periods. Musicianship and music theory are emphasized. The group (which serves as a concert band, marching band, and pop band) performs at athletic events, presents formal concerts, and participates in parades, concert festivals, and marching festivals.

Special Comments: Students must own or rent instrument. Commitment beyond the normal school day is required.

4700 STRING ORCHESTRA

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-11

This is a performance course for all string players from string bass to violin. May perform in concerts and festivals throughout the year.

Special Comments: Students must own or rent instrument. Commitment beyond the normal school day is required.

4710 JAZZ ENSEMBLE

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Prerequisite: Audition, students must own or rent instrument

Students learn fundamentals of jazz and improvisation. Emphasis is placed on the development of style, interpretation, and technical skills in sound and performance. Students participate in many concerts and festivals throughout the year.

Special Comments: Commitment beyond the normal school day is required.

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4800 BEGINNING DRAMA

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-10

This course will introduce students to all aspects of the theater and its history. Students will learn the basics of character development, stage movement, and voice technique in order to perform monologues and scenes. Students will acquire knowledge in all areas of theater production including technical theater (lighting, sound, costumes, and make-up).

4820 ADVANCED DRAMA

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Beginning Drama or be of Junior/Senior standing

This course will emphasize modern playwrights and evaluating contemporary dramatic literature. Students will learn the basics of script writing for stage, film, and television. Final projects will include student-directed scenes and one-act plays.

Special Comments: Students will be required to assist with major school productions in a technical capacity (set, lights, sound, costumes, or make-up).

4850 DRAMA PRODUCTIONS

Course Length: Year

Credits: 10

Grade Level: 11-12

This course is designed for those interested in the total drama production. May include lighting, sound, and set design and construction. Course also allows more advanced students to work with Beginning Drama students.

6300 VIDEO PRODUCTIONS

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 9-12

Students will learn professional video production techniques including the composition of good video work. Students will cover elements of good photography with camcorders. There will also be an emphasis on themes in video.

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6310 ADVANCED VIDEO PRODUCTIONS

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Teacher approval

Students will compose professional videos. They will also participate in news broadcasts and learn scriptwriting and presenting, advanced filming, and editing.

7500 BEGINNING PHOTOGRAPHY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Using adjustable digital cameras, students will learn the fundamentals of lighting, exposure and composition. Students will learn the elements of action and still photography, as they relate to portraiture, commercial subjects, sports, news reporting, still life, and nature. Using computer driven programs, students will make contact sheets from which one or more photographs will be chosen for inclusion in their portfolio.

7510 ADVANCED PHOTOGRAPHY

Course Length: Year

Credits: 10

College Prep: Yes

A-G Approved: Pending

Grade Level: 10-12

Prerequisite: Beginning Photography and teacher approval

Using adjustable digital cameras, students will produce photographs that meet professional standards. Problems of low and extreme light conditions will be addressed, along with multiple exposure and complex composition problems. Students will build a portfolio of ten to fifteen photographs in one of the following areas: portraiture, commercial subjects, sports, photojournalism, still life, or nature. Using computer driven programs, students will produce a slide presentation of fifteen to twenty photographs, without titles or script, that tell a story.

8000-8999 Special Education Courses

Courses are Special Education core courses. They all satisfy the graduation requirements but are not considered College Prep. Students under an IEP should work closely with their counselor and use Summer School to take courses that meet the A-G requirements needed to attend a four-year university right after high school. Community colleges require a high school diploma only and college prep courses are not required to be admitted, however they are recommended.

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NON-DEPARTMENTAL

7840 LIFE SKILLS

Course Length: Semester

Credits: 10

Grade Level: 9-12

The focus of this course is to develop skills necessary to be a productive citizen in a democratic society. The course will include such diverse topics as decision-making, goal setting, personality development, effective communication, map reading, personal finances and budgeting, first aid, and development of effective study skills.

9180-84 AVID I-IV

Course Length: Year

Credits: 10

Grade Level: 9-12

Advancement Via Individual Determination (AVID), provides a support system for students who want to go to college. Students will focus on organizational skills, note-taking, test-taking tips, and writing activities, to name a few. AVID students will be enrolled in the most rigorous academic schedule; therefore, tutorials for their academic classes will be an integral part of the AVID program. Students must have a GPA of 2.0 or higher and go through an interview process.

9998 AVID TUTORING

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Teacher Approval

The purpose of the AVID Tutoring course is to train peer-tutors to enhance the skills of AVID students by modeling and practicing effective tutorial group strategies, developing higher order questioning techniques, reviewing methods for working with students' writing, and providing an opportunity for tutors to discuss and solve problems.

0360 YEARBOOK

Course Length: Year

Credits: 10

Grade Level: 9-12

Prerequisite: Teacher approval

This course is designed to produce the school yearbook. Students work under the pressure of deadlines. Emphasizes copy writing, layout, photography, and other publication/production skills. Students practice information gathering methods as well as creative thinking skills.

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9000 TEACHER AIDE

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Teacher approval, passed the CAHSEE, 2.0 GPA, good attendance, no discipline referrals, parent permission

This course designation is used for students who wish to aid teachers in the mechanical duties of classroom management and record keeping. Students will at all times attend their assigned class.

Special Comments: Students may take any combination of Teacher Assistant, Office Aide, and Computer Lab Assistant for a maximum of twenty (20) credits and maximum of one (1) per semester.

9010-80 OFFICE AIDE

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Consent of supervisor, passed the CAHSEE, 2.0 GPA, good attendance, no discipline referrals, parent permission

This is an exploratory program designed to acquaint students with the activities and skills needed in a professional business setting. Students will perform duties while becoming aware of the variety of tasks that are a part of any business. Supervision will be performed by the classified person working with the student aide, and an administrator.

Special Comments: Students may take any combination of Teacher Assistant, Office Aide, and Computer Lab Assistant for a maximum of twenty (20) credits and maximum of one (1) per semester.

9150 STUDENT STORE WORKER

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: 2.0 GPA, no attendance or discipline problems and must have passed the CAHSEE.

Students will gain experience in marketing fundamentals, including sales, customer service, merchandising, pricing, cash handling, and cash register operations. . Students learn receiving, and inventory control. This is an excellent course to give students experience in the retail industry.

9130 PEER ASSISTANCE

Course Length: Year

Credits: 10

Grade Level: 9-11

Students receive training in peer assistance and in support group participation and facilitation. Peer assistants provide supervised on-campus peer support.

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Special Comments: Students are required to complete three days of training during the summer prior to assisting students.

9105 ADVANCE PEER ASST/SUPPORT

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Interview with advisor and counselor

Students trained in Peer Counseling provide supervised on-campus peer support.

9160 LEADERSHIP

Course Length: Year

Credits: 10

Grade Level: 9-12

Prerequisite: By applications and are either elected or appointed to student body or class office

This is a participation-oriented course offering opportunities for students to represent and report to their peers. The Leadership course provides training in parliamentary procedure, skills for planning and supervising student activities, skills in group dynamics and conducting effective meetings, and skills in preparing budgets.

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REGIONAL OCCUPATIONAL PROGRAM – ROP

6810 SPORTS THERAPY

Course Length: Year

Credits: 10

Grade Level: 11-12

Prerequisite: Good health, good communication skills

This class is designed to prepare students with entry-level employment skills in the areas of fitness and exercise, physical therapy and athletic training. Instruction will include basic anatomy and physiology, vital signs, first aid, CPR and nutrition for fitness and sports. Specific topics such as training room management, theory and application of exercise (isometric, isotonic, isokinetic), injury prevention and rehabilitative exercises are also taught. The instructor will arrange students' on-the-job training hours.

6820 FUNDAMENTALS OF LAW ENFORCEMENT

Course Length: Year

Credits: 10

Grade Level: 11-12

This course offers the student instruction in the theory of law and the criminal justice system, including crime prevention, delinquency, investigation, and traffic control.

Course work includes theory and lab activities for learning the process and procedures for gathering and analyzing evidence, conducting criminal investigations, and writing reports. English language arts and math standards are reinforced throughout the course. Students participate in physical fitness, first aid, and CPR training.

7020 R.O.P. WEBSITE DESIGN

Course Length: Year

Credits: 10

Grade Level: 11-12

This will provide students with the skills and knowledge necessary to create and publish a website and for employment in business, industry or government using website technology. Students will learn the history, terminology, design and development skills in basic html as well as software applications for website creation. Legal and ethical issues will also be addressed.

6990 R.O.P. DIGITAL DESIGN

Course Length: Year

Credits: 10

Grade Level: 11-12

This course will provide students with the skills to develop a broad perspective of art, design, communication theory, processes and tools and their applications in Multimedia Communications and Design. Students will apply design elements and principles to projects such as print media publications, digital media and website design. Students will use technology tools that allow them to incorporate text, graphic, sounds, animation and video into their projects. Students that achieve competency will have an opportunity for employment as multimedia artist/animator, graphic artist and cartoonist. Abilities required; keyboarding skills.

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OFF CAMPUS R.O.P.

6825 FIRE TECHNOLOGY

Course Length: Year

Credits: 10

Grade Level: 11-12

Meeting Times: Mondays and Tuesdays 2:30-4:30

Meeting Place: Hesperia High School and Victor Valley College

Prerequisite: 16 years old, Counselor approval

This course provides training in all aspects of fire behavior including combustion, fuels, hazardous materials, and various extinguishing agents. Students will train in first aid, physical fitness, CPR, and rescue practices, and will learn fire station duties and emergency responses.

6850 DENTAL ASSISTING

Course Length: Year

Credits: 10

Grade Level: 11-12

Meeting Time: 12 – 5

Meeting Place: HUSD Alternative Education (Behind Mojave High School)

This is a comprehensive course which will lead to the acquisition of skills necessary to take the dental assistant certificate exam. The curriculum includes anatomy and physiology; terminology; front office operations; radiology; and chair side procedures. Job search and retention skills will also be an integral part of the program. (Student must have room in his schedule to have double early dismissal).

6860 COSMETOLOGY

Course Length: Year

Credits: 10

Meeting Time: 12 – 5

Meeting Place: HUSD Alternative Education (Behind Mojave High School)

Grade Level: 11-12

This two-year program consists of 1600 hours instruction required by the State Board of Barbering & Cosmetology. This comprehensive program consists of theory and practical experience in all aspects of cosmetology focusing on sanitation, health and safety issue, and will prepare the students to pass the state required test. Students may prepare for manicuring certification after 400 hours or esthetician certification after 600 hours. (Student must have room in his schedule to have double early dismissal).