

Claremont High School Course Descriptions

2009 - 2010



**AN INTERNATIONAL BACCALAUREATE
WORLD SCHOOL!**

The 2009-2010 Course of Study information contained in this Course Description Book is contingent upon the Claremont Unified School District Board of Education approval on March 19, 2009

CLAREMONT UNIFIED SCHOOL DISTRICT MISSION STATEMENT

We believe that all students are capable of achieving success in learning and contributing to the welfare of a diverse and interdependent world. Our students should leave our schools with the self-esteem that comes from a genuine sense of accomplishment and with a wide range of career and educational opportunities available to them.

In order to attain this mission, our schools will provide a climate that:

- 1. promotes clear expectations of high academic achievement, and fosters responsibility, self-reliance, and creativity;*
- 2. enhances the personal, ethical, civic and cultural development of all students;*
- 3. emphasizes the joy of learning so that enthusiasm for knowledge becomes a lifelong pursuit;*
- 4. encourages mutual trust, respect, and support among all members of the educational community with the sense that we are working toward the common purpose of bringing this mission to life.*

CLAREMONT HIGH SCHOOL MISSION & VISION STATEMENTS

School Mission: Claremont High School commits itself to nurturing the academic, social, physical, and emotional development of all students to prepare them to take their place as productive and invested members of the larger world community.

School Vision: Claremont High School is a diverse community where students have a sense of safety, belonging, and connection. The classroom is an active, academically rigorous learning environment that is creative, responsive, and engaging. Students are empowered to succeed in and beyond high school.

GRADUATION REQUIREMENTS:

The student who graduates from Claremont High School:

- Must earn a minimum of **220 credits**, including credits for certain required courses.
- Must pass all courses for credit with a grade of "D" or better.
- Must pass the California High School Exit Exam.
- Must earn 10 credits of a course meeting or exceeding California first year algebra content standards
- Is encouraged and expected to earn more than the minimum number of credits for graduation.
- Should perform well above the minimum standard in quality.

Fourth year high school students who have not completed all graduation requirements by the June graduation date have the following options. They may:

- Complete any remaining graduation requirements during the high school's summer school along with other outside accredited school courses by September of that year. They are considered to be summer graduates of that high school and may participate in the school's June graduation ceremony of the following year.
- Enroll in the Claremont Adult School high school graduation program to receive an adult school diploma. Passage of CAHSEE is also an adult school graduation requirement.
- Enroll in community college high school graduation program and/or vocational certificate program.
- Continue in high school until they are 22 years old, if they are identified as special education student, have an Individual Education Plan (I.E.P.), and are participating in a certificate of completion not a diploma program (Board policy 6143.4).

Additionally, students may:

- Enroll in a fifth year of high school at Claremont High School or San Antonio High School the following September to complete the remaining graduation requirements. To complete graduation requirements, students must enroll in a minimum of four courses at the high school for one semester or one year. They may also take additional Regional Occupational Program courses, technical school courses, work experience courses, or community college vocational certificate or two-year degree courses. They would be considered a fifth year January graduate or June graduate if they complete requirements and may participate in graduation ceremony that fifth year.
- Only enroll at San Antonio High School if the CAHSEE is the only graduation requirement not completed. They must maintain continuous enrollment in a CAHSEE support program until notified of the completion of the CAHSEE requirement. They would then be considered a fifth year January or June graduate, receive a diploma from San Antonio High School and may participate in San Antonio High School's graduation ceremony that fifth year.

COLLEGE RECOMMENDATIONS:

The student who wishes to continue on to post secondary college education:

- Should enroll in **six** courses in each of the eight semesters.
- Should meet selection requirements for a four-year university or college.
- Should be aware that the transcript pattern (number and rigor of courses taken) is the single most important consideration for university selection among otherwise equal candidates.
- Must have advance approval by a counselor for enrollment in college or other accredited institution course to meet minimum graduation requirements. Verification forms are available in the Counseling Office.

REQUIRED COURSES:

ENGLISH: 40 credits

SOCIAL SCIENCE: 30 credits to include:

- 10 credits of World History
- 10 credits of United States History
- 5 credits of American Government
- 5 or 10 credits of Economics, which includes microeconomics and macroeconomics

MATHEMATICS: 20 credits to include:

- 10 credits of a course meeting or exceeding California first year algebra content standards
- 10 credits of any math

SCIENCE: 20 credits to include:

- 10 credits of biological lab science
- 10 credits of physical lab science

PHYSICAL EDUCATION: 20 credits

VISUAL ARTS, PERFORMING ARTS, or FOREIGN LANGUAGE: 10 credits

PUBLIC HEALTH AND SAFETY: 5 credits

COMPUTER EDUCATION: 5 credits or approved alternative

CALIFORNIA HIGH SCHOOL EXIT EXAM (CAHSEE) in English Language Arts AND Mathematics

MINIMUM ENROLLMENT:

- Students in grades 9 and 10 are required to be enrolled in **six** classes.
- **Students in grades 11 and 12 are required to be enrolled in a minimum of five classes, but are strongly encouraged to enroll in six classes.**

GRADING SYSTEM:

The grade given in any course represents the teacher's judgment of the degree to which the student has met the standards and achieved the goals of the course. It represents the teacher's judgment of the *quality* of the student's work and the student's degree of mastery of academic standards. The semester grade reflects cumulative achievement for the entire semester. Attendance and related participation and contributions are contributing factors in meeting the standards and earning a grade.

- A** - The student has excelled, done exceptional work, stands apart and has mastered all course academic standards at an **advanced proficient level**. (4 grade points per credit unit)
- B** - The student has done more than is expected, completed the objectives, and has mastered the course academic standards at a **proficient level**. (3 grade points per credit unit)
- C** - The student has satisfactorily accomplished course objectives and has mastered the course academic standards at a **basic level**. (2 grade points per credit unit)
- D** - The student has met few course objectives and has only met course academic standards at a **below basic level**. The student may have difficulty passing the California High School Exit Exam. (1 grade point per credit unit)
- F** - The student has **NOT** met course objectives and has **NOT** mastered course academic standards. The student is at a **far below basic level** on course academic standards mastery. The student may have difficulty passing the California High School Exit Exam. (0 grade points per credit unit)
- P** - The student has satisfactorily performed and has mastered course academic standards at a **basic level**. This grade is not calculated in the grade point average. (It is used for Student Aide, Driver's Education and Independent Study courses.)

The Grade Point Average (GPA) is based on the grade points times the number of credits earned. The sum of the grade points divided by the credits attempted constitutes the GPA. All attempted credits and grades, even for repeated courses, are included when the GPA is calculated. A plus or minus on a progress or semester grade indicates the range within the grade. It is for student and parent understanding and will not appear on a transcript. Honors and Advanced Placement courses, recognized by the University of California, are given additional weight when calculating the Weighted GPA, one of three GPAs included on a transcript.

CREDITS:

The credit given to any course represents the *quantity* of work required. Most courses carry constant credit. The student earns all or none of it. Some courses may carry variable credit. This means that a student will not only receive a grade reflecting the *quality* of work completed, but may also be recognized for the *quantity* of identified competencies completed. Generally, for variable credit work, one credit is awarded for eighteen hours of approved assigned work based on a **previously** approved written contract.

HONORS COURSES:

Honors courses, designated with an "H" after the course title on the permanent record card, provide accelerated high school level instruction for academically talented students. They are different from corresponding regular high school courses in terms of extended content and additional workload. As such, they include research often using primary sources in writing detailed reports or using supplementary materials usually found at the college level.

ADVANCED PLACEMENT COURSES:

Advanced Placement (AP) courses provide college-level instruction to academically talented high school students who are expected to achieve the quality of work ordinarily required of college freshmen.

The Advanced Placement Program offers students the opportunity to earn university credit or take higher-level courses once attending college after graduation. The College Entrance Examination Board's Advanced Placement examinations are administered each spring to verify that students are competent in advanced placement subjects and are used to demonstrate college level proficiency. A score of "3" or better on a scale of "1" to "5" is recognized by some universities as sufficient for college credit.

INTERNATIONAL BACCAULAREATE DIPLOMA

Students in the Class of 2011 and beyond will be eligible to receive an International Baccalaureate Diploma upon acceptance into the program as junior and the successful completion of the International Baccalaureate Diploma requirements. Additional information regarding this program is available by contacting either Linda Saeta, CHS International Baccalaureate Diploma Coordinator at lsaeta@cusd.claremont.edu or your student's counselor.

SCHOLASTIC ELIGIBILITY REQUIREMENTS:

Students must maintain a 2.0 grade point average in order to be eligible for the following activities:

Yearbook Student Council/Leadership Sports Activities (each Triad)

CALIFORNIA COLLEGE ADMISSION REQUIREMENTS:

NOTE: These requirements are subject to change. Please check individual college catalogues available through the *College/Career Center*.

COMMUNITY COLLEGES

Local community colleges, such as **Citrus College, Chaffey College, and Mount San Antonio College**, accept all Claremont High School graduates regardless of courses completed or grades earned. These colleges have three purposes:

- To provide a transfer program which enables students to transfer to four-year institutions such as the University of California, the California State University System, and independent colleges. Success in this program practically assures a student admission to a four-year institution with little or no loss of credit.
- To provide courses in the occupational education program which lead to vocational proficiency and in some cases an Associate of Arts (AA) degree.
- To provide general education courses.

CALIFORNIA STATE UNIVERSITY SYSTEM

The California State University System admission is based on a comprehensive pattern of college preparatory subjects as an element of admission requirements. These requirements include a student's cumulative grade point average (GPA) in combination with the combined score earned on the American College Test (ACT) or total score earned on the Scholastic Aptitude Test (SAT). Some programs and/or some campuses have become impacted. Meeting minimum admission requirements in no way assures admission. Your transcript pattern (taking **six** substantial **courses each semester** and your attendance pattern, together with high grades and scores on the ACT or SAT, are the best insurance of being accepted to your choice of program and/or campus. See the university system website, <http://www.calstate.edu/>, for a list of the state universities.

Students are expected to have a transcript pattern, which includes six courses each semester for eight semesters, each of which includes academic courses, which are college preparatory in nature. Students are required to complete:

- four years of English (including expository writing and literature)
- three years of mathematics (including geometry and two years of algebra)
- two years of history (including world history and U.S. history)
- two years of laboratory science (including biology, chemistry, physics)
- two years of foreign language (same language)
- one year of visual and performing arts

- one year of UC/CSU approved electives
- Additional requirements include:
- graduation from high school
 - grades of "C" or better in the college-prep courses required
 - an eligibility index that places applicants among the top one-third of California's public high school graduates.

UNIVERSITY OF CALIFORNIA SYSTEM

Minimum requirements for admission identify those high school graduate students who are eligible to be selected. **Selection** is based on performance over and above these minimums to be admitted to University of California campuses. See the university system website, <http://k12.ucop.edu/>, for a list of universities.

University of California admission is limited to the upper 12.5% of high school graduates. Selection by the University of California depends on performance over and above the minimums. **Students who expect to be successful candidates for the University of California must expect to enroll in six courses each semester for eight semesters, to include at least four academic courses each semester with special attention to advanced courses in the junior and senior years.**

The University of California admission requirements are based on two principles:

- The best predictor of success in the University is a record of good grades in previous schoolwork.
- The completion of certain high school academic courses prepares the student to begin university-level work and choose a field of study.

To be admitted to a campus of the University of California as a freshman, the student must meet the three requirements of admission: the **Subject Requirement**, the **Scholarship Requirement**, and the **Examination Requirement**. Students are expected to have a transcript pattern that includes academic courses, which are college preparatory in nature.

Subject Requirement:

- ‘a’ **HISTORY** = One year of United States history or one semester of United States History and one semester of American government **AND** one year of world history, cultures, and geography.
- ‘b’ **ENGLISH** = Four years of English taken each semester that is college preparatory in nature requiring frequent and regular practice of writing expository prose compositions of substantial length.
- ‘c’ **MATHEMATICS** = Three years of mathematics to include either elementary algebra B, C, or algebra first year **AND** geometry, **AND** algebra second year or higher. Four years are recommended.
- ‘d’ **LABORATORY SCIENCE** = Two years of laboratory science to include biology, chemistry, or physics. Three years are recommended.
- ‘e’ **LANGUAGE** = Two years of the same foreign language. Three years strongly recommended.
- ‘f’ **FINE ARTS** = One yearlong fine arts course in visual arts, music, drama/theater, or dance.
- ‘g’ **ELECTIVES** = One year of college preparatory electives to include courses in addition to the 'a' - 'f' above chosen from the following: history, English, advanced mathematics, laboratory science, foreign language, social science and visual and performing arts.

Approved University of California courses are designated by a capital P in parentheses in this *Course Description Book*. For further information, see your counselor.

Scholarship Requirement:

- A grade point average (GPA) in the 'a' - 'g' subjects taken after the ninth grade (plus English in the ninth grade) of 3.0 or higher makes an applicant *eligible* for admission to the University of California if the student achieves a test score total indicated in the UC eligibility index. Grades should be "B" or better but "C" is accepted in designated advanced courses.

Examination Requirement:

Candidates for admission must submit the following test scores:

- Composite American College Test (ACT) with Writing **OR**
- Scholastic Aptitude Test (SAT I) which includes critical reading, writing, and mathematics sections **AND**
- Two (2) SAT II subject tests in two different disciplines. If math is taken, it must be math 2C.

Eligibility in the Local Context (ELC)

The University of California (UC) system will review student transcripts from the top 4% of students at each high school at the end of the junior year. Students must have completed one unit (year) of history/social science, three units of English, three units of mathematics, one unit of laboratory science, one unit of a foreign language, and two elective units from any subject area above. A parent signed permission to send the transcript must also be on file at the high school. Upon UC review, students meeting these requirements will be offered admission to one of the University of California campuses, though not necessarily the student's choice. This admission is contingent upon the student's application and continued academic success.

INDEPENDENT COLLEGES AND UNIVERSITIES:

Admission and selection policies of independent colleges and universities vary widely. See the College Board website, <http://apps.collegeboard.com/search/index.jsp>, to search for a college match. Admission may be based on the following criteria:

- Course selection
- High school transcript pattern
- Grade Point Average (GPA)
- Score on the SAT or ACT
- Score on the SAT II subject tests for some colleges
- Personal recommendations
- Participation in extracurricular activities
- Participation in volunteer service
- Geographical distribution
- Ethnic balance

See the Claremont High School College/Career Center for independent college admission information.

NCAA COLLEGE ATHLETIC SCHOLARSHIPS:

The National Collegiate Athletic Association (NCAA) Clearinghouse determines eligibility for college athletic scholarships. Eligibility for a prospective scholarship student is based on Grade Point Average (GPA) earned in approved NCAA high school courses and SAT/ACT test scores. Approved NCAA courses are designated with a capital N in parentheses in this *Course Description Book*. For further information about NCAA athletic eligibility, contact your counselor or the Athletic Director. A prospective student athlete should submit Clearinghouse papers (available online at <http://www.ncaaclearinghouse.net>) at the conclusion of the eleventh grade.

ALTERNATIVE MEANS OF SCHOOL COMPLETION:

There are several alternatives to regular course work available:

FULLTIME ALTERNATIVE PROGRAMS

- **Fulltime Independent Study** is provided for students who need an alternative to a regular classroom program of instruction. Students are enrolled at San Antonio High School. It is approved in advance and arranged through Guidance Department. Courses are not college approved.
- **Home/Hospital Study** is provided to students who are Claremont residents and cannot attend classes at Claremont High School due to health reasons. A district teacher is sent to meet regularly with the student at home. Not all curricula is available via home/hospital instruction. (i.e. foreign languages, performing arts, advanced math and science) It is approved in advance and arranged through the Guidance Department.
- **Community Day School** provides an alternative setting for students in grades 9-10. Students are placed in small classes to improve their academic skills. It is approved in advance and arranged through the Guidance Counselor and the appropriate Assistant Principal.
- **San Antonio High School**, the district continuation high school, provides an alternative high school environment. Students must be 16 years of age or older and apply for admission. It is approved in advance and arranged through the Guidance Counselor, and/or the appropriate Assistant Principal.
- **Claremont Adult School** provides the opportunity for adult (18 yrs of age) students to take the *General Educational Development Test* (GED). Adult students may also complete an adult high school diploma. The adult diploma requires the California High School Exit Exam, subject requirements, and total credits.
- **California High School Proficiency Exam (CHSPE)**, allows students to take a high school equivalency exam in high school subject matter. Exams are scheduled by the state five times during the year. See a Guidance Counselor for more information.

ALTERNATIVE PROGRAMS FOR COURSE CREDITS

- **Baldy View Regional Occupational Program (ROP)** courses are enhancements of the regular course offerings and generate grade and credit. Often, these technically specialized courses take place outside the conventional school day or at another location. See College/Career Center Technician or the Counseling Office to enroll.
- **Graduation Credit Recovery Program**, is provided for Juniors and Seniors who are deficient in course requirements and credits. Students must have previously failed the course. It is pass/fail and must be approved in advance and arranged through the Counseling Office. Courses are not college approved.
- **Transfer credit** will be awarded only from accredited institutions with a transcript or equivalent document. Such distance learning credit is generally limited in number to the equivalent credits at CHS. Students are responsible to provide a transcript from the accredited institution. Correspondence or online course final exams must be monitored by the students' counselor in order for the credit to be accepted as transfer credit.
- **Contract for Independent Study** is for individual courses not currently offered or unable to be scheduled due to conflicts from other courses. A contract, which mutually obligates student and administration, is approved in advance, and arranged through the Counselor, CHS teacher, and the Assistant Principal for Curriculum.
- In certain instances, the student may challenge coursework for **advanced courses**. No credit is earned but the student may take the higher-level course without prerequisite. If space is available, **elementary** and **middle school** students, upon placement by the principal of the resident school may take course work at Claremont High School. Credit for such coursework is **NOT** recorded on the high school transcript.

EQUITY OF COURSE AVAILABILITY:

- It is the policy of *The Claremont Unified School District* not to discriminate on the basis of gender in the educational programs or activities, which it operates.
- The district is required by *Title IX* of the *Education Amendments of 1972* and the implementing regulations not to discriminate on the basis of gender. This requirement not to discriminate also extends to employment by the district.
- Inquiries concerning the application of *Title IX* and the implementing regulations may be referred to *Devon Freitas* who has been designated as the official responsible for *Title IX* compliance, or to the *Director of Office for Civil Rights, 330 Independence Avenue, S.W., Washington, D.C. 20201*. *Ms. Freitas'* office is at *170 W. San Jose Ave., Claremont, California 91711*. *The telephone number is (909) 398-0609*.

ENGLISH

GRADUATION REQUIREMENT: forty units of credit with enrollment each semester.

COLLEGE RECOMMENDATION: four years of University of California approved “b” English courses. English courses taken prior to entering the fall semester of the ninth grade only meet UC/CSU “g” elective credit.

ENGLISH COURSES : Each meets ten units of expository writing and literature English credit and UC/CSU “b” entrance credit.

EC06 CAHSEE ENGLISH

Semester (9-12)

PREREQUISITES: Counselor recommendation.

This one semester course for 9-12 students is based on the State English standards and is designed for students who need additional instruction in order to pass the California High School Exit Exam. The course may be repeated for credit.

EC13Y FRESHMAN ENGLISH

Year (9 only) (P, N)

PREREQUISITES: None. **Required for freshman students.**

This is a yearlong survey course that addresses all of the California State Content Standards for ninth grade English Language Arts. It provides students with a broad exposure to a variety of literature and significant writing practice. The core text, *The Language of Literature*, provides students the opportunity to read and analyze diverse genres of literature including fiction, nonfiction, speeches, poetry, drama, and epic. In addition, students write several different essay types, workplace documents, and a research paper. Grammar and vocabulary work are integrated into the course using a variety of strategies. Several full length literary works are studied including *Romeo and Juliet* and *The Odyssey* (required works) and various extended works that may include *Great Expectations*, *Tale of Two Cities*, *A Midsummer Night’s Dream*, *The Pearl*, *The House on Mango Street*, *Night*, *Something Wicked This Way Comes*, *Lord of the Flies*, *Of Mice and Men*, *A Separate Peace*, and *I Know Why the Caged Bird Sings*. Special emphasis will be placed on higher level critical thinking skills, the elements of literature, expository writing, the writing process, and the use of technology such as the Internet and Power Point. Students will also be introduced to the resources available in the College/Career Center.

EC19Y HONORS FRESHMAN ENGLISH

Year (9 only) (P, N)

PREREQUISITES: Counselor/teacher recommendation or recommendation of the department. Concurrent enrollment in *Honors Biology*

This yearlong survey course addresses all of the California State Content Standards for ninth grade English Language Arts and provides students with a broad exposure to a variety of literatures along with significant writing practice. Students in this honors course will explore literature more widely and deeply, including more challenging and/or complete print and non-print texts. The honors English course fosters intellectual curiosity by encouraging students to generate thought-provoking questions and topics and to research diverse sources. It requires students to work as self-directed and reflective learners, both independently and in groups as leaders and collaborators. Higher level thinking skills will be emphasized through interdisciplinary and critical perspectives as reflected in the quality of student performance in oral language, written language, and other media/technology. This honors English course can be distinguished from the Freshman English by the consistency with which the characteristics described above are evident.

EC21Y SOPHOMORE ENGLISH

Year (10 only) (P, N)

PREREQUISITES: Grade 10: **Required for sophomore students.**

NOTE: English Language Learner students from may enroll regardless of grade level.

This is standards-based college-preparatory course is a yearlong study of world literature, composition, and language study. Through a variety of activities, the course covers the California State Content Standards for English Language Arts for grade 10, including reading, writing, written and oral English language conventions, listening and speaking. Students read literature of all genres from various continents, cultures and literary periods including works from such authors as Sophocles, Chinua, Achebe, Hermann Hesse, Shakespeare, and others. Study of literary texts and composition techniques emphasize critical thinking, development of ideas and fluency in use of language. Students gain control of the writing process by planning, writing, revising, editing, and evaluating their own compositions. Through their concurrent study of English language conventions, including sentence structure, parts of speech, spelling and punctuation, as well as their study of vocabulary, students develop precise diction

and syntax. During the course of the year, students will develop short and long compositions of the following types: descriptive, narrative, persuasive, expository, literary response, research and formal communication as outlined in the California Content Standards. Substantial recurring writing will analyze in depth the literary works studied.

EC29Y HONORS SOPHOMORE ENGLISH

Year (10 only) (P, N)

PREREQUISITES: completion of *Honors Freshman English* with a “B” or better; *Freshman English* with an “A” or better; or teacher/counselor recommendation. Concurrent enrollment in *World History, Advanced Placement*.

This is a rigorous, college-preparatory course in which students learn a step-by-step process of writing compositions from the planning and rough draft stages to the finalization of polished papers. Emphasis is placed on critical thinking, development of ideas, and fluency. Students gain control of the composing process by studying the four strands of writing: sensory/descriptive, imaginative/narrative, practical/informative, and expository/analytical; special emphasis, however, is placed on the expository/analytical strand, with the progressive study of the formulation of the research paper. Students study mechanics, standard usage, spelling, and vocabulary as they relate to their writing. This course will include literature from various continents and cultures. Universal themes will be discussed as they relate to specific world cultures. Substantial recurring writing will analyze in depth the works studied. The honors English course fosters intellectual curiosity by encouraging students to generate thought-provoking questions and topics and to research diverse sources. It requires students to work as self-directed and reflective learners, both independently and in groups as leaders and collaborators. Higher level thinking skills will be emphasized through interdisciplinary and critical perspectives as reflected in the quality of student performance in oral language, written language, and other media/technology. This honors English course can be distinguished from the Sophomore English by the consistency with which the characteristics described above are evident.

EC31Y JUNIOR ENGLISH

Year (11 only) (P, N)

PREREQUISITES: Grade 11: **Required for junior students.**

This course will provide college-bound juniors with instruction and practice in a variety of expository writing techniques they will use most often in college. Some assignments will focus on development by comparison/contrast, cause/effect, and interpretation/analysis. Emphasis will be on careful organization and logical development of ideas, clarity of expression, and coherent style. Students will write primarily in the expository/analytical strand. Students will also write a research paper. Special instruction in vocabulary and the subtleties of language will improve precision of communication. Adapting style and structure to various types of formal and informal writing will give students some control over their subject matter. A comprehensive review of grammar and sentence structure will include the effective use of parallel structure, modifiers, coordination, subordination, and sentence variety. Classroom experiences will help students develop a critical attitude toward their own work and help them perfect each step in the writing process. The study of usage, mechanics, spelling, and syntax will be directly related to the students' own work. This course is for students interested in American heritage and the works and influences of specific American authors. The course will explore the individual's role in society through novels, plays, short stories, essays, and poems and will help students become aware of a historical approach and movement in America's literary past. Works will be selected from major American authors such as Arthur Miller, Henry David Thoreau, Ralph Waldo Emerson, Nathaniel Hawthorne, Walt Whitman, Edith Wharton, Mark Twain, and Emily Dickinson, Fitzgerald, Steinbeck, and Wright, as well as stories and poetry by writers such as Faulkner, Hemmingway, Welty, O'Connor, Frost, J.D. Salinger, Amy Tan, Norman Mailer, Joyce Carol Oates, Neil Simon, Bernard Malamud, and Toni Morrison will be read and discussed. Substantial recurring writing will be required in relation to works studied.

EC91Y LANGUAGE AND COMPOSITION, ADVANCED PLACEMENT

Year (11-12) (P, N)

PREREQUISITES: Grade 11-12: Both semesters of *Sophomore English* or *Junior English* with a grade of “A”.

Alternative for junior or senior students who meet prerequisites.

This is a college-level expository writing course designed for students planning to take the Advanced Placement Language and Composition Examination in May. Students passing this examination might receive college-advanced placement in English. Students will read and interpret literature in various genres and from various periods ranging from the sixteenth century to the present. First semester will focus on American and British literature and explore the issues of leadership and societal change vis-à-vis women, minorities, and community. Second semester will focus on argumentation, rhetorical devices, and close analysis of nonfiction in a timed-writing environment. Students will analyze novels by Chopin and Ellison and drama by Shakespeare and Wilder. Fiction by Hawthorne, Hardy, Kesey, Morrison, and Boyle may be studied. Essays analyzed may include work by Bacon, Hobbes, Franklin, Paine, Jefferson, Johnson, Douglass, Emerson, Thoreau, Lincoln, Dillard, Momaday, Friedan, Mead, Edgeworth, and Rodriguez. Students will reflect on their reading through extensive discussion, writing, and rewriting. A basic mastery of English grammar, punctuation, and a variety of essay forms including persuasive, controversial, analytical, reflective, descriptive, process, and personal narrative is assumed.

EC41Y SENIOR ENGLISH: MODERN

Year (12 only) (P, N)

PREREQUISITES: *None.* **Required alternative for senior students.**

This advanced course in literature and expository writing will continue to develop students' reading, writing, and critical thinking skills as they read and interpret literature and nonfiction writing from the early twentieth century to the present day. Students will review research documentation and write a formal research paper. Students' essays will guide the class in addressing writing and grammatical usage problems. Students will study the beginning of “modern” writing selected from early twentieth century writers, fantasy genre, multicultural literature, and a psychological novel. Works will include poetry, short stories, and essays. Students

will use literary terms in discussion of literature, improve their general vocabulary, and improve their composition skills by the substantial writing through personal essays, timed writings, and focused responses to literary works.

EC45Y SENIOR ENGLISH: BRITISH

Year (12 only) (P, N)

PREREQUISITES: *None*. **Required alternative for senior students.**

This yearlong survey course will focus on the major writers of the British Isles from the Anglo-Saxon Era to the Postmodern Period. The core text, *The British Tradition* (Prentice Hall), correlates the California Content Standards for the twelfth grade with the selections studied in a rigorous, college-preparation approach. Authors include: Chaucer, Shakespeare, Donne, Stoppard, Milton, Dickens, Shaw, the Brontes, Austen, Swift, Blake, Wordsworth, Shelley, Keats, Tennyson, Yeats, Joyce, Eliot, Thomas, Forster, Orwell, and others. Additional core texts include *Hamlet*, *Pride and Prejudice*, and *Wuthering Heights*. The literary works will address poetry, drama, essays, and novels, with some emphasis being placed on the development of the novel. The development of the English language will be traced from the time of the invading German tribes to the modern period. Students will become acquainted with the outline of British history and philosophy as it has affected literary composition. Students will learn to use literary terms in their discussion of these classics, improve their general vocabulary and grammar skills, and sharpen their composition acumen by the writing of essays (including a research paper) on themes appropriate to the works being read. There will also be opportunities for students to display their multiple intelligences, with project options that include creative writing, technology, public speaking, group performances, and sundry other activities.

EL91Y LANGUAGE AND LITERATURE, ADVANCED PLACEMENT

Year (11-12) (P, N) (ten credits)

PREREQUISITES: Both semesters of *Junior English* with a grade of "A" or both semesters of *Language and Composition, Advanced Placement* with a grade of "B" or better. **Alternative for senior students who meet prerequisites.**

This is a college-level course that is both rigorous and challenging. It prepares students to take the Advanced Placement Examination in English Language and Literature. By providing a humanistic approach, this course helps students relate philosophy, psychology, and history to literary works by eminent authors. This course has three major emphases: (1) studying selected works of literature with a focus on literary movements, (2) perfecting expository writing skills, especially those involved in critical analysis, and (3) studying an overview of the major genres in world literature. Selections include works by Hawthorne, Thoreau, Emerson, Steinbeck, Frost, O'Neill, Hemingway, Faulkner, Chaucer, and Shakespeare. Second semester selections for study are taken principally from world literature with an emphasis on literary movements. Selected writers may include Dostoyevsky, Hemingway, Beckett, Tolstoy, Morrison, Conrad, Forster, Kafka, Camus, Anouilh, Joyce, Shakespeare, Milton, Donne, Hardy, Lawrence, and Mann. Passing the examination in May may give the student one-year college credit in English or humanities. Substantial recurring writing will be required in relation to works studied. **Students will read *War and Peace* and complete a study packet during the summer for inclusion in the fall semester grade.**

ENGLISH LANGUAGE DEVELOPMENT (ELD) COURSES:

A **maximum** of 15 credits from ELD courses may be applied to the English 40-credit graduation requirement.

EE11Y BEGINNING ENGLISH LANGUAGE DEVELOPMENT

Year (9-12) Ten **elective** credits

PREREQUISITES: English Language Learner students will be placed appropriately according to their CELDT results. This course is designed for those students who do not speak English as a native language and are designated as limited English proficient. The course deals with basic speech, listening comprehension, and reading and writing skills. It is oriented to assist students in their general ability to cope in social and educational situations. This course does not meet UC/CSU English admission requirements.

EE13Y EARLY INTERMEDIATE ENGLISH LANGUAGE DEVELOPMENT

Year (9-12) Meets ten English credits.

PREREQUISITES: English Language Learner students will be placed appropriately according to their CELDT results and teacher recommendation.

This course is designed for students who do not speak English as a native language and are designated as limited English proficient. Emphasis is placed on intermediate level communicative oral skills, writing and authentic reading selections. American culture is studied in discussions, reading and writing. This course does not meet UC English admission requirement.

EE15Y INTERMEDIATE ENGLISH LANGUAGE DEVELOPMENT

Year (9-12) Meets ten English credits.

PREREQUISITES: English Language Learner students will be placed appropriately according to their CELDT results and teacher recommendation.

This course is designed for students who do not speak English as a native language and are designated as limited English proficient. Emphasis is placed on near-native level oral skills, writing and authentic reading selections. American culture and literature are studied in discussions, reading and writing.

EE17Y EARLY ADVANCED ENGLISH LANGUAGE DEVELOPMENT

Year (9-12) Meets ten English credits.

PREREQUISITES: English Language Learner students will be placed appropriately according to their CELDT results and teacher recommendation.

This course is designed for students who do not speak English as a native language and are designated as limited English proficient. Emphasis is placed on near-native level oral skills, writing and authentic reading selections. American culture and literature are studied in discussions, reading and writing.

EE21Y ADVANCED ENGLISH LANGUAGE DEVELOPMENT

Year (9-12) (P) Meets ten English credits.

PREREQUISITES: English Language Learner students will be placed appropriately according to their CELDT results and teacher recommendation.

This course is designed for students who do not speak English as a native language and are designated as limited English proficient. Emphasis is placed on near-native level oral skills, writing and authentic reading selections. American culture and literature are studied in discussions, reading and writing. Two semesters of Advanced ELD meets two semesters of the 'b' admission requirement for UC/CSU. This course will complement curriculum from Freshman English. Course can be repeated for elective credit.

ENGLISH ELECTIVE COURSES : Each meets five credits of elective credit, UC/CSU "g" credit, unless otherwise indicated.

GA31Y FOUNDATIONS OF ACADEMIC SUCCESS (Does not meet UC entrance credit)

Year (9) (ten credits)

PREREQUISITES: Student performance on the CUSD Writing Assessments, scores Below Basic or Far Below Basic on the English Language Arts CST, GPA below 2.0, or teacher recommendation.

This course provides grade 9 students, whose success in high school is not guaranteed, especially if they receive no support, with the tools necessary to increase the opportunity for academic achievement. This course is designed to develop the skills and capacities necessary to be successful in high school in general by providing assistance in various academic areas such as content literacy; and organizational, study, and test-taking skills. This course targets students not receiving academic support through Special Education or English Language Development classes.

EA21/31 CREATIVE WRITING or ADVANCED CREATIVE WRITINGSemester each (10-12, 9th: summer only when available) (P, N)

PREREQUISITES: None

The first semester course will teach the basic skills in writing creatively whether it be a short story, a poem, a play, a script, or an article for the magazine market. Students will explore all facets of writing: plot, characterization, tone, point of view, pace, and slant. Second semester will provide advanced opportunities for students to write in the various genres, which include short story, poetry, drama, and non-fiction. Emphasis will be placed on developing students' immediate interests and skills by helping them participate in a variety of local and national writing contests. Literature will be read and studied as they relate to the creative writing mode.

EA51 JOURNALISM 1

Semester (9-12) (P, N)

PREREQUISITES: None

In this course students will practice writing expository prose compositions, news articles, editorials, and personal essays. Students will also learn interview skills, press laws and ethics, and page design and layout. Students will read a substantial amount of literature to meet the outcomes of this course. This course will provide students with practical experience in print media and offer a wide range of writing opportunities as preparation for business, industry, and more advanced research and composition courses. The course will be taught as a prerequisite to Journalism 2 and Yearbook.

EA53Y JOURNALISM 2

Year (9-12) (P, N) (ten credits)

PREREQUISITES: *Journalism 1* with a grade of "B" or better AND successful completion of a staff selection process conducted by the teacher

In this course students will continue their practice in expository prose compositions, news articles, editorials, and personal essays. Students will also be publishing the *Wolfpacket* while learning the higher levels of interviewing, press laws and ethics, page design and layout. Students will read a substantial amount of literature to meet the outcomes of this course. This course will give students practical experience in print media and offer a wide range of writing opportunities as preparation for business, industry, and more advanced research and composition courses. This course will be taught in preparation for advanced English courses and a possible profession in journalism.

EA71Y ENGLISH LANGUAGE DEVELOPMENT READING SKILLS (Does not meet UC entrance credit)

Year (9-12) (ten credits)

PREREQUISITES: None

This elective course is for students concurrently enrolled in Beginning English Language Development who need to improve their reading skills in order to be successful in high school courses requiring cognitive textbook and literature reading material. This course will use research based reading strategies to increase reading levels. Course can be repeated for credit.

EA93Y INTERSCHOLASTIC SPEECH AND DEBATE

Year

(9-12)

(P, N)

(ten credits)

PREREQUISITES: None

In this course students will be prepared to engage in competitive speech and debate. Students will have the opportunity to learn the various skills and techniques for competitive forensics and will be given the opportunity to compete in a variety of forensic events in the classroom setting. An in-depth study of the different types of speeches, debates, logic and argumentation will be the course of study. Students will exhibit their acquired skills in performance-based assessments, which require them to develop and utilize their presentation and argumentation skills and which afford them the opportunity to exercise and develop their intellectual and verbal skills. In addition, this course will promote the development of research skills, will require frequent writing of all types of expository and persuasive prose, will require the interpretive performance of dramatic and humorous literature, will require in-depth Constitutional study and will require the study of both foreign and domestic political and policy issues. Students may involve themselves in off-campus extracurricular forensic tournament events.

SUMMER SCHOOL COURSES: The following courses are offered during summer school only when possible. Check the summer school brochure for a description of each course and its availability. **English courses taken prior to the fall semester of the ninth grade meet only UC/CSU “g” elective credit.**

- EC06 CAHSEE English** (meets five English credits for graduation but does **not** meet UC/CSU entrance requirements) For 11/12 students struggling with writing or not passing the CAHSEE in ELA during the summer and the school year by counselor recommendation.
- EL09 MYSTERY, FANTASY & SCIENCE FICTION** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EC13Y FRESHMAN ENGLISH** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EC21Y SOPHOMORE ENGLISH** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EC31Y JUNIOR ENGLISH** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EL21 ETHNIC LITERATURE** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EL31 THE SHORT STORY AND POETRY** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EL43 MYTHOLOGY** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EL70 SHAKESPEARE** (meets five English credits for graduation and UC/CSU “b” entrance requirements)
- EA88 FORENSICS WORKSHOP** (meets five **elective** credits for graduation but does **not** meet UC/CSU entrance requirements)
- GX01 ENGLISH COMMUNICATIONS** (Meet five elective credits for graduation but does not meet UC/CSU entrance requirements)

GENERAL EDUCATION

GRADUATION REQUIREMENT: five units of credit in Public Health and Safety and five units of credit in Computer Education. The Computer Education requirement may be met by taking the Computer Education course OR completing a computer survey course with a “C” or better, which includes word processing, spreadsheets, and database management concepts at El Roble Intermediate School or another high school OR passing a computer education challenge examination.

GENERAL REQUIRED COURSES: Each meets five units of credit towards its graduation requirement.

GR11 PUBLIC HEALTH AND SAFETY

Semester

(10-12)

Meets health graduation requirement.

PREREQUISITES: None.

RECOMMENDATION: Parent permission for participation in units on Human Sexuality.

In this course students will gain practical knowledge related to decisions that they must make concerning nutrition, hygiene, drugs, alcohol, tobacco and first aid. Human sexuality and sexual behavior are discussed in terms of consequences of decisions made to the individual and to society. Emphasis is also placed on prevention of communicable and dietary diseases and on community health resources.

GR21 COMPUTER EDUCATION

Semester

(9-12) **Meets computer education graduation requirement.**

PREREQUISITES: None.

RECOMMENDATION: Typing ability is strongly recommended.

In this general high school course, students will be **introduced** to graphics, word processing, electronic spreadsheet, data management, and presentation software.

GENERAL ELECTIVE COURSES: Each meets the indicated units of elective credit.

GC11Y YEARBOOK

Year (10-12) (ten credits)

PREREQUISITES: Successfully complete staff selection process the spring before enrollment RECOMMENDATION: *Journalism 1* with a grade of "C" or better

Course may be repeated for a maximum of twenty credits counted toward the 220-credit graduation requirement.

Under the direction of student editors and the faculty advisor, students will carry out the design, writing, photography, layout and production of the school yearbook, *El Espirtu*, an annual written and pictorial record of the year at Claremont High School. Communications law, ethics and standards, interviewing techniques, writing, visual design, computer layout, photography, meeting deadlines, organizational skills, planning and working cooperatively in a fast-paced professional setting are integral parts of this class.

GE11Y STUDENT COUNCIL/LEADERSHIP

Year (9-12) (ten credits)

PREREQUISITES: Elected or appointed office.

This course is a practical laboratory of leadership activities and is required of student body and class officers.

GH11 STUDENT AIDE

Semester (10-12) (five credits)

PREREQUISITES: Application/good grades, behavior, attendance

Course may be repeated for a maximum of TEN credits towards the 220-credit graduation requirement.

Student aides serve teachers and other staff to provide clerical and routine instructional tasks. Students will work on a regular scheduled daily basis under teacher or staff direction. **Grade will be pass/fail.**

GG11 COLOR GUARD

Semester (9-12) (five credits)

PREREQUISITES: Approval from instructor

Course may be repeated for credit.

Students in this elective course will study dance movements and choreography with props such as flags. They will perform with the marching band during band tournaments and competitions.

GT21 PEER TUTOR

Semester (10-12) (five credits)

PREREQUISITES: 3.0 GPA **Course may be repeated for credit.**

Students enrolled in this course will assist other struggling students by tutoring under the direction of a teacher in courses such as *Reading Skills*, *Academic Assistance*, or *AVID Study Management*. Students will receive tutoring strategy training. It is recommended for students wanting to make a difference on campus or those who plan in teaching as a career.

GA11Y AVID STUDY MANAGEMENT

Year (9-10) (five credits)

PREREQUISITES: GPA 2.0-2.99 and application process for initial placement **Course may be repeated for credit.**

This course is for the "C average" student who wants to be successful in a rigorous curriculum leading to college entrance. AVID (Advancement Via Individual Determination) has a nationally developed academic support curriculum. Students will learn writing, inquiry, and collaboration skills to apply to other academic courses. Tutoring by college students will be available to support student success in academics.

VT41 TV & MEDIA PRODUCTION 1 & 2

Semester (9-12) (five credits each semester)

PREREQUISITES: Approval of instructor

This course prepares students to be a part of the rapidly developing world of video communication. In this class, they will experience the growing field of television production, learn the skills of the video technician, and develop the talent of a TV personality. They will also learn how to operate a TV camera and a special effects generator and become the director of the daily WOLFCAST.

SUMMER GENERAL EDUCATION COURSES: The following courses are offered during summer school when possible.

GR11 PUBLIC HEALTH AND SAFETY (meets five General Education credits for graduation and UC/CSU "b" entrance requirements)

GR21 COMPUTER EDUCATION (meets five General Education credits for graduation and UC/CSU "b" entrance requirements)

WORLD LANGUAGES

GRADUATION REQUIREMENT: ten units of credit selected from Foreign Language or Visual and Performing Arts.

COLLEGE RECOMMENDATION: twenty units in one foreign language required for admission to the University of California system with three years preferred.

WORLD LANGUAGE COURSES: Each meets the ten-credit graduation requirement to be selected from World Language or Visual and Performing Arts.

LF11Y FRENCH FIRST YEAR

LG11Y GERMAN FIRST YEAR

LS11Y SPANISH FIRST YEAR

Year (9-12) (P, N)

PREREQUISITES: First semester: a final grade of "C" or better in most recent English class. Second semester: a grade of "C" or better in first semester or teacher recommendation (*Spanish First Year* only).

The first year course is designed to introduce the student to the basics of understanding, speaking, reading, and writing of the language. Emphasis will be placed on acquiring the correct pronunciation of sounds, on using vocabulary to speak and write and to understand the spoken and written word, on recognizing and using the present, past, and immediate future tenses of regular verbs and selected irregular verbs, and on understanding and using basic grammatical constructions. The course materials will familiarize students with aspects of the culture and the countries speaking the language.

LF21Y FRENCH SECOND YEAR

LG21Y GERMAN SECOND YEAR

LS21Y SPANISH SECOND YEAR

Year (9-12) (P, N)

PREREQUISITES: First semester: *First Year 2* with a grade of "C" or better or teacher recommendation. Second semester: a grade of "C" or better in first semester.

The second year course is designed to expand the language skills introduced in the first year. Students will demonstrate their understanding of the structures of the language and their mastery of the skills necessary for communication in daily situations, as well as vocabulary adequate and appropriate to the situations. They will be able to recognize and use basic verb tenses including some irregular verbs, read selected texts with comprehension, and demonstrate an acquaintance with the culture of the countries and people speaking the language.

LS27Y HONORS SPANISH SECOND YEAR

Year (9-12) (P, N)

PREREQUISITES: Grade of "B" or higher in *Spanish First Year* and/or teacher recommendation.

This advanced language course students will continue to expand listening, speaking, reading, writing skills, and cultural knowledge and understanding. Student progress will be assessed in oral, aural, reading comprehension, and written competency. Regular homework and active participation are mandatory. Students will develop their ability to use Spanish in real-life situations as they gain a greater understanding of various Hispanic cultures. Students will receive intensive instruction in Spanish grammar and usage. This course is the equivalent of 1½ years of non-Honors Spanish. Completion of summer work is mandatory.

LF31Y FRENCH THIRD YEAR

LG31Y GERMAN THIRD YEAR

LS31Y SPANISH THIRD YEAR

Year (9-12) (P, N)

PREREQUISITES: First semester: *Second Year 2* with a grade of "C" or better or teacher recommendation. Second semester: a grade of "C" or better in first semester.

The third year course includes a review of the previous years and an introduction to some of literary aspects of the language. Readings include dialogues, short literary selections, and articles on a variety of topics. Students refine their writing and speaking of the language. Cultural aspects are woven into the class as appropriate; the use of the language in the classroom is intensified throughout the year. Further experiences in French and German culture may include the opportunity to participate in an exchange with a school in or travel to a French or German speaking country.

LS33Y HONORS SPANISH THIRD YEAR

Year (11-12) (P, N)

PREREQUISITES: Semester 1: A grade of "B" or better in *Honors Spanish Second Year 2*, a grade of "A" in *Spanish—Second Year 2*, and recommendation by teacher. Semester 2: A grade of "C" or better in first semester.

This advanced language course students will continue to expand listening; speaking; reading; writing skills; and cultural knowledge and understanding. Student progress will be assessed in oral, aural, reading comprehension, and written competency. Regular homework and active participation are mandatory. Students will develop their ability to use Spanish in real-life situations as they gain a greater understanding of various Hispanic cultures. Students will receive intensive instruction in Spanish grammar and usage. This course is the equivalent of 1½ years of non-Honors Spanish 3. Completion of summer work is mandatory.

LF41Y FRENCH FOURTH YEAR, Advanced Placement, French Language
LG41Y GERMAN FOURTH YEAR, Advanced Placement, German Language
LS41Y SPANISH FOURTH YEAR, Advanced Placement, Spanish Language

Year (9-12) (P, N)

PREREQUISITES: First semester: *Third Year 2* with a grade of "B" or better or teacher recommendation, Second semester: a grade of "C" or better in first semester. RECOMMENDATION: Grades 11-12

The fourth year course will consist of an intensive review of the first three years and preparation for the Advanced Placement Examination in the language. The class will be conducted in the language, with much emphasis on oral and written expression. A majority of class time will be devoted to activities that will prepare students for the Advanced Placement Examination in the language.

SUMMER FOREIGN LANGUAGE COURSES: The following courses are offered during summer school when possible. Please see the summer school brochure for a description and course availability.

LS11Y SPANISH FIRST YEAR SEMESTER 2 (meets five elective credits for graduation and UC/CSU "e" entrance requirements)

MATHEMATICS

GRADUATION REQUIREMENT: twenty units of credit, ten of which must meet or exceed the California first year algebra standards.

COLLEGE RECOMMENDATION: thirty units of mathematics credit are required and forty units are recommended.

COURSES MEETING HIGH SCHOOL GRADUATION REQUIREMENTS: Each course meets either five or ten units for the mathematics graduation requirement.

VB41 MATHEMATICS FOR BUSINESS 1, 2 (VB41 and VB42 under Career Technical courses also meet the mathematics graduation requirement.)

MA51 CAHSEE MATH

Semester (9-12) (five credits)

PREREQUISITES: Counselor recommendation

This one semester course for 9-12 students is based on the State Mathematics standards and is designed for students who need additional instruction in order to pass the California High School Exit Exam. The course may be repeated for up to 10 Mathematics credits.

MD15 ALGEBRA READINESS

Year (9) (ten credits)

PREREQUISITES: Score on CSU-Fullerton Algebra Readiness Diagnostic Test, Grade 7 CST Proficiency level Basic or below, or counselor/department recommendation

This support course is designed for incoming grade 9 students who have not meet Grade 7 Mathematics standards. This course reviews the concepts necessary for success in Algebra 1, i.e. operations with whole and rational numbers; equations and functions; the coordinate plane; graphing proportional relationships; and problem solving strategies. May be repeated for general credit.

COURSES LEADING TO COLLEGE ENTRANCE: Each course meets units for the mathematics graduation requirement and is UC/CSU approved for college entrance requirements. All of these courses would meet or exceed the California first year algebra content standards.

ME11 ALGEBRA FIRST YEAR

Year (9-12) (P, N) (ten credits)

PREREQUISITES: Grade 9: Initial high school placement depends on previous math course grade, CSU standardized algebra readiness placement test and teacher recommendation. Advancement to second semester requires completion of Algebra 1 with a "C" or better or teacher recommendation.

This course emphasizes solving linear and quadratic equations and inequalities, graphing functions, systems of equations, polynomials and application problems, . **Completion of both semesters of Algebra First Year with a "D" or better will fulfill the state and district graduation requirement for a first year algebra course.**

MG11 GEOMETRY

Year (9-12) (P, N) (ten credits)

PREREQUISITES: First semester: Completion of *Algebra First Year 2* with a grade of "C" or better. Advancement to second semester requires completion of *Geometry 1* with a grade of "C" or better. This course emphasizes constructing proofs through logical, inductive and deductive reasoning, interrelationships between geometric figures and geometry terms. Second semester topics covered include area of regions, volume of solids, and similarity of geometric figures. Emphasis is placed upon the practical application of geometry by use of algebraic equations for solutions.

MG33 HONORS GEOMETRY

Year (9-12) (P, N) (ten credits)

PREREQUISITES: First Semester: completion of *First Year Algebra* with a "B" or better; *Algebra C* with an "A" or better; *Algebra 2* with a "B" or better; or teacher/counselor recommendation. Second Semester: Completion of *Honors Geometry 1* with a grade of "C" or better or teacher/counselor recommendation. This course is designed for students who are proficient and interested in mathematics. The course introduces the student to deductive and inductive logic through the proofs of various theorems of Euclidean Geometry and through problems that make use of Euclidean theorems and postulates. In this course the students examine consequence of triangles, angles, geometric inequalities, and the relationships between lines, planes, and parallel lines. Second semester is a continuation of Honors Geometry 1 and assumes its objectives were satisfactorily met. The course continues to improve the students' skills in deductive and inductive reasoning. The students will work with parallel planes, similar figures, and circles. A major emphasis is placed on the applications of algebra to geometry through the study of polygonal regions and their areas, circles and their areas, spheres and other solids and their volumes. Coordinate geometry and trigonometry will be introduced. UC does not award an extra grade point for this course.

ME31 ALGEBRA SECOND YEAR

Year (9-12) (P, N) (ten credits)

PREREQUISITES: First semester: Completion of *Geometry 2* or *Honors Geometry 2* with a grade of "C" or better. Second semester: Completion of *Algebra Second Year 1* with a grade of "C" or better, (a grade of "B" or better is recommended.) In this course, it is assumed that students are acquainted with the language of algebra, have an understanding of the structure of number systems, be able to solve one and two-step equations, and isolate any requested variable. This course includes a review of algebraic operations and properties within the set of real and complex numbers. Systems of equations will be solved using matrices, substitution, and elimination. A unit on linear equations and inequalities is followed by a unit on coordinate geometry, including distance, midpoints, parallel and perpendicular lines. The semester ends with the study of relations and functions, including composites and inverses, and solving radical equations. Second semester includes the study of exponential and logarithmic functions is followed by a thorough study of quadratic systems of sentences up to three variables, real exponents, binomial theorem, polynomial functions, and an introduction to conic sections. The course concludes with sequences and series and an introduction to probability theory. Students will be encouraged to use graphing calculators.

ME51 HONORS ALGEBRA SECOND YEAR

Year (9-12) (P, N) (ten credits)

PREREQUISITES: First semester: Completion of *Algebra First Year 1 and 2* with an "A" or "B" or *Algebra B and C* with a grade of "A" AND *Honors Geometry 2* with a grade of "C" or better or *Geometry 2* with a grade of "A" and/or teacher recommendation. Second semester: Completion of *Honors Algebra Second Year 1* with a grade of "C" or better. For this course the students should be acquainted with the language of algebra, have an understanding of the structure of number systems, and have acquired some skill in the manipulation of algebraic expressions. This course includes a review of algebraic equations and inequalities along with their properties within the set of real and complex numbers. It covers linear relations and functions, systems of equations and inequalities. A unit on polynomials, which includes factoring and synthetic division, is followed by units on roots, quadratic equations, relations, functions, and conic sections. The second semester starts with polynomial functions and polynomial expressions, which includes the remainder and factor theorem, composite functions, multiplying and adding rational expressions, and solving rational equations. These topics are followed by the study of exponents, logarithms, sequences and series, probability theory, and an introduction to Precalculus. Students will be encouraged to use graphing calculators. UC does not award an extra grade point for this course. **Students need to have excellent study skills.**

MP 05 FINITE MATHEMATICS

Year (11-12) (P, N) (ten credits)

PREREQUISITES: Completion of *Algebra Second Year 2* with a grade of "C" or better. This yearlong course for grade 11-12 students presents the concepts, skills, and applications relevant to college-bound students who plan on studying business, economics, life, or social science in college. The course integrates the use of a calculator and spreadsheet explorations to expose students to the practical side of mathematics and the tools they will encounter in future careers. Students may enter at the semester for 5 credits in mathematics. It is designed for the student who does not plan on continuing on to calculus but meets UC/CSU requirements as part of a third or fourth year of mathematics and a senior math class as required by CSU Early Assessment Program.

MM10 ALGEBRA ELM

Semester (11-12 only) (five credits)

PREREQUISITES: Successful completion of *Algebra Second Year* second semester.

This **spring** semester course is designed grade students going to a university requiring students to take the Entry Level Mathematics test. This course is very suitable for students who have successfully completed Algebra Second Year and who want to refresh their mathematical skills. In addition to reviewing skills and concepts, testing strategies will be addressed.

MP11 PRECALCULUS

Year (9-12) (P, N) (ten credits)

PREREQUISITES: First semester: Completion of *Honors Algebra Second Year 2* with a grade of "C" or better or *Algebra Second Year 2* with a grade of "B" or better or *Algebra Second Year 2* with a grade of "C" or better AND teacher recommendation. Second semester: Completion of *Precalculus 1* with a grade of "C" or better.

This course explores the application of mathematical models to real data. Topics include linear, quadratic, logarithmic, exponential, and trigonometric functions. The second semester is a modern course in functional applications of mathematical models. In addition to a thorough treatment of lines, planes, and conic sections, this course gives an analysis of polynomial functions, polar equations and graphs, translation and rotation of axes, and an introduction to calculus. This course is designed for college-bound students with interests in the mathematics/science area. **A graphing calculator is strongly recommended.**

MP15Y HONORS PRECALCULUS BC

Year (11-12) (P, N) (ten credits)

PREREQUISITES: First semester: Completion of *Honors Algebra Second Year 2* with a grade of "C" or better; *Algebra Second Year 2* with a "B" or better; or teacher recommendation. Second semester: Completion of *Honors Precalculus BC 1* with a grade of "C" or better.

This yearlong course for 9-12 students is based on State Mathematics standards and is intended for students continuing on to Calculus, Advanced Placement BC. The course explores the application of mathematical models to real data and requires a solid understanding of linear and quadratic functions. It is approve for UC Honors Designation. **A graphing calculator is strongly recommended.**

MM61Y STATISTICS, ADVANCED PLACEMENT

Year (10-12) (P, N) (ten credits)

PREREQUISITES: First semester: students in Grades 9-11 enrolling in Advanced Placement Statistics should have completed *Algebra 2* with a B or better or either be concurrently enrolled in *PreCalculus* or have completed *PreCalculus* with a "C" or better. Students in Grade 12 must have completed *Algebra 2* with a grade of "C" or better.

This course is highly recommended for students who plan to study such fields as social sciences, medical science, economics, business, or education. However, it is applicable to almost every field. This course can be taken as an alternative to Calculus, or in addition to Calculus. First semester includes data organization, data creation, and probability concepts. Second semester will cover random variables, and inference. Students will apply statistical concepts to real world situations. **Graphing calculator is strongly recommended.**

MS11Y CALCULUS, ADVANCED PLACEMENT AB

Year (11-12) (P, N) (ten credits)

PREREQUISITES: First semester: Completion of *Precalculus* with a grade of "C".

This course is designed as a college-level course for students who would like to pursue a career in math, science, business or the social sciences. Emphasis will be on strengthening all previous mathematics background while studying rate of change of a function, formal differentiation including inverses, composite, and implicit relations, and applications of the derivative. The definite and indefinite integral will be explored and the theoretical aspects of both the derivative and integral will be applied to practical situations. **A graphing calculator is strongly recommended.**

MS51Y CALCULUS, ADVANCED PLACEMENT BC

Year (10-12) (P, N) (ten credits)

PREREQUISITES: First semester: Completion of either *Honors Precalculus BC* or *Precalculus* with a grade of "B" or better in both semesters; or teacher/counselor recommendation.

This course is designed as a college-level course for students who plan to major in mathematics, science, or engineering. This course will cover the rate of change of a function, formal differentiation including inverses, composites and implicit relations, as well as transcendental functions. The definite and indefinite integral will be explored and the theoretical aspects of both the derivative and integral will be applied to practical situations. Solving problems graphically will be explored extensively. The second semester will begin with various techniques of integration followed by a unit on infinite series. This unit will include Taylor Polynomials and the power series. A unit on polar coordinates, vectors and parametric equations will be explored. The course will conclude with the study of linear differential equation. **A graphing calculator is strongly recommended.**

SUMMER MATHEMATICS COURSES: The following courses are offered during summer school when possible. Please see the summer school brochure for a description and course availability.

MD14 ALGEBRA READINESS (meets five Math credits for graduation)

ME11 ALGEBRA FIRST YEAR SEMESTER 1 (meets five Math credits for graduation and UC/CSU entrance requirements)

ME12 ALGEBRA FIRST YEAR SEMESTER 2 (meets five Math credits for graduation and UC/CSU entrance requirements)

MG22 GEOMETRY II, SECOND SEMESTER (meets five Math credits for graduation and UC/CSU entrance requirements)

ME42 ALGEBRA 2, SECOND SEMESTER (meets five Math credits for graduation and UC/CSU entrance requirements)

MA52 CAHSEE MATH. Repeat Students only

PHYSICAL EDUCATION

GRADUATION REQUIREMENT: Twenty units of credit, enrollment required each semester in the ninth grade.

PHYSICAL EDUCATION COURSES: Each meets five units of credit for the physical education graduation requirement. Physical Education courses may be repeated for credit. PE credit

GS11 SPORTS ACTIVITIES Fall

GS12 SPORTS ACTIVITIES Winter

GS14 SPORTS ACTIVITIES Spring

Season of Sport

(9-12)

(2.5 credits)

PREREQUISITES: Meet all eligibility requirements. Accepted on team roster. Physical examination form, insurance, transportation waiver, parent consent form and enrollment contract.

Course may be repeated for a maximum of 7.5 credits each academic year. Each sports season receives 2.5 units of physical education credit.

The students in this course will earn 2.5 physical education credits for each regular sport season that they **complete**. The student will participate in conditioning, practice, and sport competition. **Enrollment in this course does not substitute for enrollment in either PA 11/12 or PA 13/14 during the freshman year or enrollment in a physical education class to meet requirement due to student results on the California FitnessGram Test.**

PA11/12 FRESHMAN PHYSICAL EDUCATION & WELLNESS

Semester

(9)

Required for 9th students and 10th or 11th grade students required to remediate based on performance on the State Mandated FitnessGram Test.

This course focuses on physical fitness as it relates to the six components of the state mandated FitnessGram Test. Regular classroom instruction on wellness issues and habits, nutrition, substance abuse, social development and interaction will be scheduled. Physical development and health maintenance activities will be practiced. Participation in physical fitness lab activities will be a part of this course. Various sports skills, rules, game strategies, and active daily participation for physical fitness are required.

PA13/14 FRESHMAN TEAM SPORTS

Semester

(9)

Required for 9th students and 10th or 11th grade students required to remediate based on performance on the State Mandated FitnessGram Test.

This course focuses on physical fitness as it relates to the six components of the state mandated FitnessGram Test. Various sports skills, rules, game strategies, and active daily participation for physical fitness are required. Required of all 9th grade students not enrolled in Adaptive PE & PC

PE11 TEAM SPORTS AND PHYSICAL CONDITIONING

Semester

(9-12)

PREREQUISITES: None May be repeated for credit

This course is designed specifically for those students interested in physical activity and emphasis on team sports. Various sports skills, rules, game strategies, and active daily participation for physical fitness are required.

PE31 BODYBUILDING/FIGURE CONTROL AND PHYSICAL CONDITIONING

Semester

(10-12)

PREREQUISITES: None May be repeated for credit

Bodybuilding, figure control, specific exercises, and cardiovascular activities will be stressed. Specific exercises will develop the major muscle groups and cardiovascular activities. Diet and nutrition will be studied. Active daily participation is required.

PE51 BADMINTON AND PHYSICAL CONDITIONING

Semester

(9-12)

PREREQUISITES: None May be repeated for credit

This class is designed specifically for those interested in learning and improving the skills and rules of badminton. Basic strategy will be stressed. Active daily participation is required as is demonstration of good sportsmanship and positive peer interaction.

PE61 VOLLEYBALL AND PHYSICAL CONDITIONING

Semester

(9-12)

PREREQUISITES: None May be repeated for credit

This course is designed with major emphasis on volleyball for students that have an interest in becoming more skilled in the basic fundamentals--underhand and overhead pass, spike, and overhand serve. Physical conditioning, rules, and basic strategy will be emphasized. Active daily participation is required.

PE71 TENNIS AND PHYSICAL CONDITIONING

Semester (9-12)

PREREQUISITES: None

May be repeated for credit

This class is designed for students interested in learning and improving their level of playing ability. Various skills (forehand and backhand drives, volley, and basic serve), rules and playing strategies will be stressed. Active daily participation is required.

PE81 BASKETBALL AND PHYSICAL CONDITIONING

Semester (9-12)

PREREQUISITES: None May be repeated for credit

This course is designed specifically for those students interested in improving their knowledge and skills in the sport of basketball. Physical conditioning will be emphasized. Active daily participation is required.

SUMMER PHYSICAL EDUCATION COURSE:**PA10 TEAM SPORTS/BODY BUILDING** (meets five PE credits for graduation)**SCIENCE**

GRADUATION REQUIREMENT: twenty units of credit to include ten of biological lab science and ten of physical lab science

COLLEGE RECOMMENDATION: forty credits of science including twenty units of biological lab science and twenty units of physical lab science

BIOLOGICAL SCIENCE COURSES: Each meets ten credits of biological lab science requirement.

QE31Y BIOLOGY**Required for freshman students.**

Year (9) (P, N)

PREREQUISITES: Previous or concurrent enrollment in an algebra course

This standards-based course presents biology as an experimental science, illustrating the usefulness of biology for students and focusing on the content of biology at the levels of organization of populations, communities, and the biosphere. Laboratory activities will be emphasized where controlled experimentation is conducted with a focus on quantitative reasoning and data analysis. The course will stress basic biological themes including the diversity of type and unity of pattern in living things, the genetic continuity of life, the interaction of organisms and the environment, the biological roots of behavior, biological organization of structure and function, regulation and homeostasis, the history of biological concepts, and science in society. Many activities will be inquiry-based, using active learning to engage students in the learning process.

QE35Y HONORS BIOLOGY**Required for freshman students.**

Year (9) (P, N)

PREREQUISITES: Previous or concurrent enrollment in an algebra course AND Honors Freshman English

This standards-based Honors Biology course is intended for the college bound student. Each student will learn the subject of Biology, as well as critical thinking, creative thinking, reading recall and comprehension, writing, research, and presentation skills. The intent is to improve the student's high level thinking skills that are essential to the development of science literacy. In order to provide the relevance and rigor of the coring program, concurrent enrollment in Honors Freshman English is required.

QE41Y MARINE BIOLOGY

Year (11-12) (P, N)

PREREQUISITES: *Biology 2* with grade of "C" or better AND *Physical Science 2* or *Chemistry 2* with a grade of "C" or better.

This course will take a comprehensive biology standards-based look at the oceans, the organisms that live there, and the ecology of the oceans. It is a rigorous, lab-based course divided into two semesters. Semester one will cover the history and importance of ocean exploration as well as the foundation of life in the ocean. Semester two will cover the physical nature of the ocean's water and the sea floor as well as an ecological study of the present and future marine environment.

QE51Y CELL BIOLOGY

Year (11-12) (P, N)

PREREQUISITES: *Biology 2* with grade of "C" or better AND *Physical Science 2* or *Chemistry 2* with a grade of "C" or better.

This course introduces students to the subjects of cellular biology, genetics, and physiology by incorporating these disciplines into the study of biology-based forensic investigations. Cell Biology is a rigorous, laboratory-based course that builds on the major academic themes of the biology standards using scientific concepts and technologies related to such areas as solving crime in society. These concepts will be introduced and applied by engaging students through the investigation of realistic scenarios, case study examples, laboratory experiments, research projects and concrete learning activities. The course presents itself as a logical method for students to explore science and inquiry. An emphasis will be placed on critical thinking, problem solving, hands-on manipulation, observation, and career pathway exploration. This course would be an excellent course for students planning on a career in medicine or criminal justice at any level.

QC91Y ANATOMY & PHYSIOLOGY

Year (10-12) (P, N)

PREREQUISITES: First semester: *Biology 2* or *Physical Science 2* or *Marine Biology 2* or *Cell Biology 2* with a grade of "B" or better.

This course in anatomy and physiology will emphasize the anatomical and physiological aspects of humans. Students aspiring to continue in the biological sciences, medical health careers or veterinary science will find this course particularly valuable. First semester is an introduction to the chordate body plan, examination of primitive chordate forms, vocabulary development. Second semester focuses on the study of the anatomical and physiological aspects of a typical vertebrate, and the cat, with reference to a human. Dissections may assist students in the study of humans. Students interested in medical careers should consider this science course.

QD31Y ENVIRONMENTAL SCIENCE, ADVANCED PLACEMENT

Year (10-12) (P-g only, N)

PREREQUISITES: First semester: *Biology 2* with a grade of "A" OR *Chemistry 2* or *Marine Biology 2* or *Cell Biology 2* or *Anatomy & Physiology 2* or *Physics 2* with a grade of "B" or better.

This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course will focus on the "real science" behind environmental problems and issues. Laboratory and field study are important elements of the course. The depth of coverage will be equivalent to a college-level course to assist students in preparing for the Advanced Placement Examination in environmental science.

QE91Y BIOLOGY, ADVANCED PLACEMENT

Year (11-12) (P, N)

PREREQUISITES: First semester: *Chemistry 2* with a grade of "B" or better AND completion of one of the following courses with a grade of "B" or better: *Marine Biology 2*, *Cell Biology 2*, *AP Environmental Science 2*, *AP Chemistry 2*, *Anatomy & Physiology 2*, *Physics 2*, or *Engineering Physics 2*. *Grade 10: Chemistry 1 and 2* with a grade of "A" AND *Biology 1 and 2* with a grade of "A". Completion of *Foundations of Ecology* during summer prior to Fall semester.

This course will provide the student with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics covered will include basic biological chemistry, cells, energy transformation, molecular genetics, heredity, evolution, principles of taxonomy and systematics, a survey of monera, protista, fungi, plants and animals, and the study of ecology. Related laboratory investigations will offer the student the opportunity to learn about problem solving, the scientific method, techniques of research, the use of scientific literature, detailed observations, record accurately, design experiments, operate technical equipment, interpret data, analyze statistics and formulate new hypothesis. Some dissection is included in the study. The depth of coverage will be equivalent to a college-level course to assist students in preparing for the Advanced Placement Examination in biology.

PHYSICAL SCIENCE COURSES: Each meets ten credits of physical lab science requirement.

QH53Y PHYSICS

Year (11-12) (P, N)

PREREQUISITES: *Algebra Second Year* with a grade of "C" or better or concurrent enrollment in *Algebra Second Year* AND *Biology 2* or *Chemistry 2* with a grade of "B" or better or permission of the teacher

Physics explores the basic nature of our universe. This included motion, forces, energy, matter, heat, sound, light, electricity, magnetism, and atomic structure. Great emphasis is placed on developing students' problem solving, laboratory, and engineering skills. Learning the proper study skills for introductory college science courses is an important goal of this course. Students learn science as a multidisciplinary endeavor. The limitations of science are stressed, giving students the ability to evaluate new technologies. This is one of the courses recommended for students planning to attend selective four-year colleges or universities.

QH61Y PHYSICS B, ADVANCED PLACEMENT

Year (11-12) (P, N)

PREREQUISITES: *Completion of Precalculus 2* with a grade of "C" or better or permission of instructor.

Advanced Placement Physics B provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability. It includes topics in both classical and modern physics. It is assumed that the student is familiar with algebra and trigonometry and although calculus is seldom used, some theoretical developments may use some basic concepts of calculus. Advanced placement courses are for those students who wish to pursue college-level studies while still in secondary school. Many colleges recognize this achievement by granting college credit to those students who do sufficiently well on the advanced placement examination given in May. The course is designed with the expectation that students will take the examination. Selective four-year colleges expect students to have a background in physics.

QH63 PHYSICS C - MECHANICS, ADVANCED PLACEMENT

Semester (11-12) (P, N)

PREREQUISITES: Prior or concurrent enrollment in Calculus AB, Advanced Placement or Calculus BC, Advanced Placement or teacher

This semester course is designed for the student considering a college major in physical science, engineering, mathematics, or medicine. It covers the basic concepts mechanics, i.e., how and why objects move. The fundamentals of calculus will be

taught and used in this course. Advanced placement courses are for those students who wish to pursue college-level studies while still in secondary school. Many colleges recognize this achievement by granting college credit to those students who do sufficiently well on the advanced placement examination given in May

QH64 PHYSICS C – ELECTRICITY & MAGNETISM, ADVANCED PLACEMENT

Semester (11-12) (P, N)

PREREQUISITES: Prior or concurrent enrollment in Calculus AB, Advanced Placement or Calculus BC, Advanced Placement or teacher

This semester course is designed for the student considering a college major in physical science, engineering, mathematics, or medicine. It covers the general areas of electricity and magnetism and its application to physical situations. The fundamentals of calculus will be taught and used in this course. Advanced placement courses are for those students who wish to pursue college-level studies while still in secondary school. Many colleges recognize this achievement by granting college credit to those students who do sufficiently well on the advanced placement examination given in May

QH71Y ENGINEERING PHYSICS (CHS) / CITRUS COLLEGE PH201

Year (11-12) (P, N)

PREREQUISITES: First semester: *Precalculus* with a grade of "B" or better and completion or concurrent enrollment in *Calculus*. **NOTE: Due to Citrus College class size requirements, students enrolling in this course for Citrus College credit will be given priority enrollment. Citrus College charges for tuition and a lab guide.**

This course is designed for the student considering a college major in physical science, engineering, mathematics, or medicine. The first semester will cover the basic concepts of how and why objects move. The fundamentals of calculus will be taught and used in this course. The second semester of Engineering Physics will cover the general areas of electricity and magnetism and its application to physical situations. Students may receive college credit instead of high school credit for this course with three hours of additional laboratory time scheduled at Citrus College. Students must be 16 years or older to receive college credit.

QK31Y ENVIRONMENTAL ANALYSIS THROUGH CHEMISTRY

Year (10-12) (P)

PREREQUISITES: Concurrent enrollment in an Algebra 1 level course

This standards-based Chemistry course is designed to explore traditional chemistry related to themes. Traditional topics covered include: Atomic and Molecular Structure, States of Matter, Reaction Types, Stoichiometry, Equilibrium and Kinetics, Thermodynamics, Qualitative Analysis, and an Introduction to principals of Organic Chemistry. It is designed for students who wish to enroll in a Chemistry course that meets the 10-credit physical science requirement but have not yet completed Algebra C or Algebra 1 -2.

QK51Y CHEMISTRY

Year (10-12) (P, N)

PREREQUISITES: First semester: Algebra First Year 2 or Algebra C with a grade of "B" or better AND *Biology 2* or *Environmental Science 2* with a grade of "B" or better OR *Algebra First Year 2* or *Algebra C* with a grade of "C" or better AND *Physical World 2* with a grade of "C" or better.

Chemistry is an exciting and challenging study of the properties of matter and the reactions that convert matter from one form to another. This course will improve your problem-solving skills and enable you to apply what you have learned to real situations. It is recommended for those students planning to further their education after high school by attending colleges, universities or technical schools. The first semester will explore the "mole" concept, chemical reactions and energy changes, atomic structure, periodic properties and chemical bonding. Extensive lab work is related to and supports the course text content. The second semester of Chemistry continues in developing fundamental ideas, including, among other areas, kinetic theory, equilibrium, nuclear energy, acid-base PH and redox reactions. The course further challenges the student with the study of qualitative analysis requiring extensive independent laboratory work. A science project is encouraged as part of the second-semester curriculum.

QK91Y CHEMISTRY, ADVANCED PLACEMENT

Year (11-12) (P, N)

PREREQUISITES: First semester: *Chemistry 2* with a grade of "B" or better AND *Algebra Second Year 2* with grade of "B" or better; or permission of instructor. Second semester: a grade of "C" or better in first semester or teacher recommendation.

This course will be treated as a college-level course with emphasis on chemical equations and chemical principles derived mathematically. Topics such as the structure of matter, kinetic theory of gases, stoichiometry, electrochemistry, chemical equilibrium, and the basic concepts of thermodynamics will be presented in considerable depth. Most of the laboratory experiments will have quantitative emphasis and will illustrate data-gathering techniques. The student will learn, correlate, and interpret data and to think and act in a way consistent with the scientific method. The second semester of this course will continue to emphasize application of the scientific method. It will intensively examine elements of the periodic table. Organic chemistry will be treated as an interesting aspect of carbon chemistry. Equilibrium computations, as in acids and bases, and thermodynamics applications will be used repeatedly. The course content will assist students in preparing for the CEEB Achievement Test in chemistry, for the SAT, and/or the Advanced Placement Examination in chemistry.

SCIENCE ELECTIVE COURSES: Each meets elective credit for graduation. Courses marked P-g meet UC/CSU "g" elective credit.

QT51Y COMPUTER SCIENCE

Year (9-12) (P-g, N) (ten credits)

PREREQUISITES: Completion of *Algebra C* or *Algebra First Year* with grade of "C" or better.

RECOMMENDATION: Grade of "B" or better in *Algebra C* or *Algebra First Year 2*.

This course was developed for students wishing "hands-on" experiences with computers. No previous knowledge of computers is at all necessary. Students will have the opportunity to create their own programs in the BASIC computer language or to use existing programs and simulations that generate games, graphics, and sound. Skill in programming will be improved by students developing computer games that allow interaction between player and computer. An overview of what makes a computer "think," the use of number systems and logic circuitry will be presented.

QD80 PHYSICAL SCIENCE LABORATORY ASSISTANT

Semester (11-12) (five credits)

PREREQUISITES: Cumulative GPA of 3.0 or better and completion of two semesters of laboratory science and permission of instructor.

There are positions for several serious, dependable, self-directed scholars with a special interest in science to assist teachers with laboratory setup, class and stockroom tasks. The teacher involved must select the student.

QK80 CHEMISTRY LABORATORY ASSISTANT

QH80 PHYSICS LABORATORY ASSISTANT

QE80 BIOLOGY LABORATORY ASSISTANT

Semester (11-12) (P-g) (five credits)

PREREQUISITES: Cumulative GPA of 3.0 or better and completion of two semesters of laboratory science and permission of instructor.

There are positions for several serious, dependable, self-directed scholars with a special interest in science to assist teachers with laboratory setup, class and stockroom tasks. The teacher involved must select the student.

RELATED ROP COURSES for consideration:

Check the Regional Occupation Program (ROP) brochure and course offerings in the College/Career Center for more information. Classes are held at Claremont High School and other locations. Other ROP courses are listed under ROP section.

Health Related

ANIMAL HEALTH CARE (semester+)

DENTAL ASSISTANT (year+)

EMERGENCY MEDICAL TECHNICIAN (semester)

FORENSIC SCIENCE (semester)

HOSPITAL OCCUPATIONS (Acute Facility) (semester)

LIFEGUARD CERTIFICATION (nine weeks)

MEDICAL ASSISTANT (year)

NURSING ASSISTANT (Acute & Certified) (semester each)

PHARMACY TECHNICIAN 1 (one year)

+ = additional semester of advanced training optional

SUMMER SCIENCE COURSES: The following courses are offered during summer school when possible. Please see the summer school brochure for a description and course availability.

QE31Y BIOLOGY (meets five Science credits for graduation and UC/CSU entrance requirements)

QD13Y PHYSICAL SCIENCE (meets five Science credits for graduation but NOT for UC/CSU entrance requirements)

QK51Y CHEMISTRY (meets five Science credits for graduation and UC/CSU entrance requirements)

VISUAL AND PERFORMING ARTS

GRADUATION REQUIREMENT: ten units of credit selected from Visual and Performing Arts or Foreign Language

COLLEGE RECOMMENDATION: ten units in a yearlong fine arts course is required for admission to both the University of California and California State University systems. Those courses marked with a **P-f/g** meet the yearlong "f" or the "g" general elective UC/CSU admission requirement. Those courses marked **P-f only** meet only the yearlong "f" UC/CSU admission requirement. Those courses marked with an asterisk (*) are under UC/CSU review for the "f" or "g" entrance requirement.

VISUAL ARTS COURSES: Each course meets five or ten units of credit for the fine arts graduation requirement.

Students choosing to take home any visual artwork produced in class will be charged for the materials. The cost each semester will vary by course, depending on the cost of the materials involved and the number of projects the student wishes to take home. Typically if a student chooses to take home all projects the range is between ten and twenty dollars. Students may pay for the cost of the materials at the beginning of the semester. Students may enroll in the courses and successfully complete all course projects whether or not they choose to purchase the items constructed in the courses.

RA21Y VISUAL ART

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: First semester: None. Second semester: First semester with a grade of "C" or better.

This course is designed to introduce fundamental principles of art including line, texture, value, form, color, perspective, design, shape and composition. Many art materials and media will be used and their priorities and limitations studied. Students will draw and paint. This is an important background course to all other art courses. Second semester will introduce the basic drawing and painting fundamentals. Emphasis is placed on individual solutions to two-dimensional problems, using a variety of media including watercolor, pencil, charcoal, pastels, ink, tempera paint, and collage.

RG61Y COMPUTER GRAPHICS

Year (10-12) (P-f only) (ten credits)

PREREQUISITE: Completion of the high school computer graduation requirement and *Visual Art* both semesters with a grade of "C" or better.

The first semester will introduce the interested student to graphic design, the visual communication of art through the computer medium and the combination of images and print. During second semester, students will create complex visual images, learn the basics of web design, develop a digital portfolio, and create a variety of publication projects. The computer is the artistic tool for today and the future for the creation of design, illustrations, and publications. First semester is UC/CSU approved and second semester is under review.

RA51Y ART PRODUCTION

Year (10-12) (P-f only) (ten credits)

PREREQUISITES: First semester: *Visual Art* both semesters with grade of "B" or better or teacher recommendation. Second semester: Art Production 1 with a grade of "B" or better.

This course is designed to meet the needs of the serious art student who wants to prepare for the future, develop advanced techniques and a portfolio of work. This course may be used to prepare for an advanced placement art portfolio.

RA55/56 ADVANCED STUDIO ART

Semester (10-12) (P-f/g*) (five credits)

PREREQUISITES: Completion of *Art Production 1 and 2* with a grade of "B" or better.

This semester course for grade 10-12 students is designed to meet the needs of the serious art student who is preparing to major in art in college, wishes to enter a career in art, or wishes to develop advanced art techniques. A variety of mediums, projects, breadth of work, advanced drawing concepts and quality of original work will be emphasized. Students choosing to prepare for the Advanced Placement examination in Studio Art should enroll in Studio Art, Advanced Placement 1 and 2. Prerequisites for this class are completion of Art Production 1 and 2 with a grade of B or better in both semesters. The course may be taken in both the Fall and Spring semesters for 10 credits.

RA61Y STUDIO ART, ADVANCED PLACEMENT

Year (11-12) (P-f/g) (ten credits)

PREREQUISITES: First semester: *Art Production* with a grade of "B" or better. Second semester: *Studio Art, Advanced Placement 1* with a grade of "B" or better.

This course is for the student who is preparing to major in art in college or to enter a career in art. The student will begin preparation of a portfolio of work to be presented for advanced placement acceptance. A variety of mediums, projects, breadth of work, advanced drawing concepts and quality of original work will be emphasized. In second semester, the student will continue preparation of a portfolio of work to be presented for advanced placement acceptance in May.

RA63Y STUDIO ART 3-D, ADVANCED PLACEMENT

Year (11-12) (P-f/g*) (ten credits)

PREREQUISITES: Successful completion of *Ceramics 2-3*

This yearlong course is designed for the student who is preparing to major in three-dimensional art in college or to enter a career in art. In the first semester the student will begin preparation of a portfolio of work, a variety of advanced sculpting and decorating techniques will be emphasized. In second semester, the student will continue preparation of a portfolio of work to be presented for advanced placement acceptance in May, by working more independently on developing work in an area of concentration.

RA71Y ART HISTORY, ADVANCED PLACEMENT

Year (11-12) (P-f/g) (ten credits)

PREREQUISITES: *World History 2* with a grade of "A" or *World History, Advanced Placement 2* with a grade of "B" or better AND previous spring semester English class with a grade of "A"

In this yearlong, college-level survey course, students will examine the function of art and the role of the artist in various societies, and learn to formally analyze works of art in diverse media. A multicultural perspective will be emphasized throughout the course.

Students will complete two essays, a research paper, two midterm exams, a final exam and a final curatorial project. This course is designed to prepare students for the AP Art History exam and possible college credit for the course.

**RC11/32 CERAMICS 1 – 2,
CERAMICS 3 – 4,
CERAMICS 5**

One Year Each (9-12) (P-f only) (ten credits)

PREREQUISITES: *Ceramics 1 – 2*: None, *Ceramics 3 – 4*: completion of *Ceramics 1 – 2*, *Ceramics 5 – 6*: Completion of *Ceramics 3 – e*: None

Ceramics 1 - 2 gives students the opportunity to learn basic skills using clay. Hand building techniques, as well as wheel throwing, will be explored so that students will have the opportunity to create functional and non-functional ceramic pieces. Insights into cultural and ancient uses of ceramics will be introduced. A second year of ceramics, *Ceramics 3 – 4*, will give students the opportunity to further explore hand building and wheel throwing techniques. Figure and portrait sculpting, as well as other more advanced processes, will be taught. A third year of ceramics, *Ceramics 5 – 6*, will give students a chance to create an independent advanced body of work using a variety of techniques and methods. Students will put together a comprehensive portfolio of their work to be used in applying for jobs or preparing for college. They will learn about career choices in ceramics, as well as continued education in ceramic art.

RL11Y PHOTOGRAPHY 1 - 2

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: None

This course deals with black-and-white photographic techniques and emphasis on planning a photograph, use of the 35-mm camera, function of lenses and shutters, and techniques for developing film and processing photos. Second semester will emphasize more advanced photographic techniques and learning such as: independent projects, and unique processing techniques. A camera with adjustable settings is desirable but not necessary.

RL25Y PHOTOGRAPHY 3 - 4

Year (10-12) (P-f/g) (ten credits)

PREREQUISITES: *Beginning Photography 1 and 2* with a grade of "B" or better.

This course is designed for students wanting to advance their skills in photography. It is a more in-depth and advanced application of photographic skills and will teach students how to present their work and will include photography career and education opportunities. This course is for students wanting more experience in photography, thinking about photography and/or art as a career or college major, or to improve photographic skills as a life skill.

RP31Y INTRODUCTION TO VIDEO PRODUCTION AND FILM

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: None;

NOTE: Students must be cooperative, responsible, independent learners.

In this course students will learn the fundamentals of the video production process, including storyboarding, camera techniques, and digital editing, through a variety of group projects. Students will view and analyze full-length feature films, develop critical viewing skills for video and film, and produce a video portfolio. Second semester students will learn intermediate skills of the video production process, including directing, advanced camera techniques, story telling and advanced editing, through a variety of group projects.

RP41Y ADVANCED VIDEO PRODUCTION AND FILM

Year (10-12) (P-f/g) (ten credits)

PREREQUISITES: *Introduction to Video Production and Film* with a grade of "C" or better or ROP Television Production completion certificate with a grade of "C" or better. **Course may be repeated for credit.**

This course is designed to take experienced video and film students to an advanced level. They will have the opportunity to write, direct, produce and edit more complicated projects. Students will use industry standard editing software, and will have the opportunity to become an Apple Certified Pro User of Final Cut Pro (optional Pro User testing requires fee payment). Students will produce a variety of video projects, and may produce video projects suitable for entry in high school video contests. Students will conduct research on film related topics, and will present their findings. This class may be offered concurrently with the **Acting for the Camera** class.

RP51Y FILM STUDIES

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: None

Students in this course study film both as an art and a means of communication. They are taught to "read" a film, analyzing its narrative structure, genre conventions, subtext, technical and artistic factors, and purpose. The emphasis is on the various techniques used by filmmakers to convey meaning. The course also introduces traditions of filmmaking - especially the narrative traditions shared with literature - as well as the history of the cinema. In addition, students examine how films often reflect the times and conditions in which they are made, and conversely, how motion pictures sometimes help shape attitudes and values in society. Along with film analyses, requiring short essays, the students will create short film-related projects.

RP53Y HONORS FILM STUDIES

Year (11-12) (P-f) (ten credits)

PREREQUISITES: Successful completion of either Honors Freshman or Freshman English and Honors Sophomore or Sophomore English, and successful completion of at least one year of a UC approved "f" requirement course.

This "Honors" level course is designed for students who have demonstrated both success in English and an aptitude in one of the Visual and Performing Arts. As film spans many aspects of the Visual and Performing Arts, the class will be composed of students with diverse interests and experiences in the Arts, which will enrich class discussion and other group interaction. Expectations of this Honors course include sophisticated analysis, in-depth writing, increased outside reading, and greater participation in the offerings of the L.A. area film community.

MUSIC ARTS COURSES : Each meets five or ten units of credit for the fine arts graduation requirement.**RM01Y MUSIC APPRECIATION**

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: None

This course is designed to be an introduction to western and non-western musical styles. Students will learn how music affects their culture and other cultures from around the world through the study of musical history, how to recognize music in written and aural form, and how music is used in a myriad of situations from communication to mood setting. The course is based on the California standards for music and will include significant reading, writing and listening.

RM03Y HISTORY OF ROCK AND ROLL

Year (9-12) (P-f) (ten credits)

PREREQUISITES: None

This course focuses on the roots and development of rock and roll music throughout the twentieth century. Students will develop an understanding of basic music theory as it pertains to rock and roll along with special attention given to the manner in which sociological, political and economic conditions affected the evolution of the genre and its culture. The course is based on State visual and performing arts standards.

RR15Y GUITAR

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: None

This yearlong course for 9-12 students is designed to benefit students with a wide range of musical backgrounds from introductory students to advanced students. Varieties of both popular and classical music will be presented giving students a basic knowledge of several styles. An important component of the course is the preparation and presentation of student work in performance. Performance activities serve as evaluators of student progress and mastery level of curriculum. The course is based on State visual and performing arts standards.

RR11 JAZZ BAND

Semester (9-12) (P-f only) (five credits)

PREREQUISITES: Audition or teacher recommendation. **Course may be repeated for credit.**

This course is designed to provide accomplished musicians with the opportunity of playing music with an emphasis on Jazz and Rock in a "Big Band" setting. A performance will be required each semester. Other performances and festivals may be included.

RR21Y CONCERT BAND

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: Audition by teacher. **Course may be repeated for credit.**

This is a performance group, which participates, in football half-time shows, competitions, rallies, festivals, and concerts. Basic musicianship and fundamentals of music will be taught during the year. This course is designed for the student who is ready to study intermediate "B" and advanced "A" music.

RR41Y PERCUSSION TECHNIQUES

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: Teacher recommendation. **Course may be repeated for credit.**

This course is offered for the musician who can demonstrate a basic playing ability on their instrument. The student will learn basic styles and performance practices of the modern percussionist. A performance will be required each semester. Other performances and festivals may be included.

RR71Y ORCHESTRA

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: Audition or teacher recommendation. **Course may be repeated for credit.**

Orchestral literature from the baroque through contemporary eras, will be rehearsed and performed. Fundamentals of music and theory will be taught through literature, and etudes.

RM31/RM32 STYLES AND FUNDAMENTALS OF MUSIC

One Semester	(9-12)	(five credits)
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PREREQUISITES: None.

This yearlong course for 9-12 students is designed to benefit students with a wide range of musical backgrounds from introductory students to advanced students. This course is designed for students wishing to learn styles and historical practices of music throughout the eras of Baroque to Modern day. Introductory musical theory will also be presented and how it relates to each historical time period.

RM23Y MUSIC THEORY, ADVANCED PLACEMENT

Year	(11-12)	(P-f/g)	(ten credits)
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PREREQUISITES: Two years of school or private music instruction verified by transcript or instructor approval.

This course will prepare students for the Music Theory Advanced Placement Exam in May and possible college credit for the course. Students will learn music terminology, notational skills, compositional skills, score analysis, and aural skills. It is a course for the instrumental musician or the choral musician.

RV11Y MIXED CHORUS

Year	(9-12)	(P/f only)	(ten credits)
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PREREQUISITES: None. **Course may be repeated for credit.**

This course is for entry-level choir students who wish to learn basic music skills, voice training, musical concept foundations, and singing techniques. A wide variety of choral music suitable for the developing young voice, ranging from Renaissance to contemporary styles is performed.

RV31Y CONCERT CHOIR

Year	(9-12)	(P-f only)	(ten credits)
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PREREQUISITES: Audition/teacher recommendation.

Course may be repeated for credit.

This is the advanced large choir at Claremont High School. This concert choir will perform at festivals, concerts, and community activities. This group performs a wide variety of choral music, ranging from Renaissance to contemporary styles. Excellent basic vocal training and study of music fundamentals is included.

RV41Y TREBLE ENSEMBLE

Year	(9-12)	(P-f only)	(ten credits)
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PREREQUISITES: Audition/teacher recommendation.

Course may be repeated for credit

This course is for treble voices learning voice techniques and singing. This group performs a wide variety of choral music, ranging from Renaissance to contemporary styles including barbershop, jazz, and musical comedy.

RV71Y CHAMBER SINGERS

Year	(10-12)	(P-f only)	(ten credits)
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PREREQUISITES: Audition and/or teacher recommendation required for consideration.

Course may be repeated for credit.

This advanced highly active small group will perform music from medieval to contemporary, including madrigals and contemporary jazz. The best of small ensemble music will be performed. The class is for the interested student displaying a high level of vocal or musical ability. This group will perform at festivals, concerts and community activities. Solo opportunities are frequently available.

PERFORMING ARTS COURSES: Each meets five or ten units of credit for the fine arts graduation requirement.**RT11Y ACTING**

Year	(9-12)	(P-f only)	(ten credits)
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PREREQUISITES: None

This course includes the study of acting methods, improvisation, dramatic movement, and fundamentals of characterization. With a strong emphasis on team work and responsibility, the course provides students with a greater knowledge of drama and its universal appeal in order that they may better enjoy and appreciate the performing arts. Students will perform selected scenes from a variety of sources in class. Second semester students will explore different periods of dramatic literature, such as Greek drama, Shakespeare, Chekhov, Restoration and Theatre of the Absurd, through production of scenes and projects. The course will conclude with the production of a one-act play or the equivalent in extended scenes from full-length plays. The course may include a public performance of class pieces.

RT13Y ACTING FOR THE CAMERA

Year	(10-12)	(P-f/g)	(ten credits)
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PREREQUISITES: *Beginning and Advanced Acting, Children's Theatre, Musical Theatre, Theatre Production, Children's Touring Theatre Troupe, or Introduction to Video Production and Film* with a grade of "C" or better in both semesters. **Course may be repeated for credit.**

This course is designed to introduce high school students to acting for the camera as well as script development, character development and the history of acting in television and film. The course will build upon the acting skills developed in prerequisite

courses. Students will perform scenes from a varied repertoire, focusing on characterization, motivation and environment. Students will produce a video portfolio and may also produce video projects suitable for entry in high school video contests. Students will conduct research on film related topics, and will present their findings. This course may be offered concurrently with the **Advanced Video Production** class.

RT31Y MUSICAL THEATRE the MT Workshop class is a non UC approved summer course

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: First semester: Audition required for consideration. Second semester: Grade of "B" or better in first semester.

Course may be repeated for credit with teacher recommendation.

This course is for all students interested in the production and presentation of Broadway shows. This course is for the serious dancer, singer, actor. The first performance of the year is in November followed by a major production in May/ June. All students enrolled in the class will be given on-stage parts and *must* participate in order to complete course requirements. **Time outside of class is required.**

RT41Y THEATRE PRODUCTION

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: First semester: Completion of *Children's Theatre* or *Beginning Acting* with a grade of "B" or better; Instructor's Approval/Audition. Second semester: Grade of "B" or better in first semester.

Course may be repeated for credit with teacher recommendation.

In this course the student will be given an opportunity to perform in two productions, which will be rehearsed during class time, but will perform during outside/evening hours. The year will be divided into two projects. The first will be the selection, audition, and rehearsal of a full-length drama. For the second semester, the students will perform a full-length comedy. In the last six weeks, the class will focus on areas of adolescent concern and choose appropriate One-Act plays to perform for Claremont students at local schools. **Time outside of class is required.**

RT51Y CHILDREN'S THEATRE

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: First semester: None, but a desire to perform in a children's production. Second semester: Grade of "C" or better in first semester.

Course may be repeated for credit with teacher recommendation.

This class is for acting students who wish to perform in a children's production for public performance. The year will be devoted to auditioning, rehearsing and performing a children's show. Some evening hours are required for dress rehearsals and performances. This course is open to acting students of all levels and experience. Everyone in the class will have a part in the show and perform in an evening/weekend production. **Time outside of class is required.**

RT61Y TECHNICAL THEATRE

Year (9-12) (P-f only) (ten credits)

PREREQUISITES: First semester: None. Second semester: Grade of "C" or better in first semester.

Course may be repeated for credit.

Serving on crews for Claremont High School productions will give the student skills and knowledge of many aspects of "backstage" work. Stage lighting, properties, audio, set construction and house management are some of the areas in which the theatre novice may gain practical experience. **Time outside of class is required.**

RT71Y PRODUCTION CREW

Year (10-12) (P-f only) (ten credits)

PREREQUISITES: First semester: Two semesters of *Technical Theatre* and teacher recommendation. Second semester: Grade of "C" or better in first semester.

Course may be repeated for credit.

The course gives students the opportunity to take their basic technical skills further and apply them to productions.

Students will act as crew supervisors on actual productions. Design, production, construction, coordination, management and supervision are stressed. **Time outside of class is required.**

SUMMER VISUAL AND PERFORMING ARTS COURSES: The following courses are offered during summer school when possible. Please see the summer school brochure for a description and course availability.

RA21Y VISUAL ARTS (meets five Visual Arts credits for graduation and UC/CSU entrance requirements)

RC12 CERAMICS (meets five Visual Arts credits for graduation and UC/CSU entrance requirements)

RR20 CONCERT BAND (meets five Visual Arts credits for graduation and UC/CSU entrance requirements)

RR11 JAZZ BAND (meets five Visual Arts credits for graduation and UC/CSU entrance requirements)

RR15Y GUITAR (meets five Visual Arts credits for graduation and UC/CSU entrance requirements)

RPTM THEATRE WORKSHOP is offered during the summer only. Please see the summer school brochure for a description.

RELATED ROP COURSES for consideration:

Check the Regional Occupation Program (ROP) brochure and course offerings in the College/Career Center for more information. Classes are held at Claremont High School and other locations. Other ROP courses are listed in the ROP section.

AIRBRUSH/SCREEN PRINTING	(one semester+)	
COMPUTER GRAPHICS/PRINTING	(one semester+)	
PHOTOGRAPHY	(one semester+)	
VIDEO PRODUCTION	(one semester+)	
WEB PAGE DESIGN	(one semester+)	+ = additional semester of advanced training optional

SOCIAL SCIENCE

GRADUATION REQUIREMENT: thirty units of credit to include ten units of world history, ten units of United States history, five units of American government, and five units of economics.

WORLD HISTORY COURSES: Each meets ten units of required World History credit.

SD11Y WORLD HISTORY

Year (10) (P, N)

PREREQUISITES: None

This course will have students trace the development of major societies and cultures, institutions, and social structures. Students will review major turning points and will examine the major events shaping the modern world up through the eighteenth century to the present. Areas of focus are our political system and society, evolution of democratic principles, industrial revolution, major issues (past and present), and a global understanding of geographic principles. Students will analyze the impact of war and aggression on the development of world civilization. Students will examine poverty and national debt in third world nations; government produced famine in parts of Africa, war and terrorism, and proliferation of nuclear weapons. Students will be expected to analyze historical events in terms of cause and effect and their relevance to current issues.

SD51/52 WORLD HISTORY, HONORS

2 Semesters (5 per semester) (P, N)

PREREQUISITES: *Freshman English (both semesters) with a "B" or better or Honors Freshman English (both semesters) with a "C" or better.* Concurrent enrollment in *Honors Sophomore English.*

This rigorous sophomore course is intended to provide students the opportunity to trace the development of major societies and cultures, institutions, and social structures. Student will be expected to demonstrate mastery of text material with a minimum of assistance. Substantial instructional time will be devoted to discussion of primary sources dealing with the content. Students will be expected to prepare substantial research projects and reports which focus on ideas, trends, belief systems, and social, economic, and political problems, events, and biographies. Events from the prehistory era to present will be presented in selected geographical clusters.

UNITED STATES HISTORY COURSES: Each meets ten required United States History credit.

SH11Y UNITED STATES HISTORY

Year (11) (P, N)

PREREQUISITES: 11th grade standing

The purpose of this course is to have students trace the development of the significant political, economic, and social events from our European background to the present. Students will analyze these events in terms of their relevance to the world and to contemporary issues and problems.

SH91Y AMERICAN HISTORY, ADVANCED PLACEMENT

Year (11 only) (P, N)

PREREQUISITES: *World History 1 and 2* with a grade of "B"; *World History, Advanced Placement 1 and 2* with a grade of "C"; or better; or teacher recommendation.

This course is a college-level survey course in United States history emphasizing its political, social, economic, and religious aspects. It is both challenging and demanding. The course, both in content and skill development, prepares the student to attempt the Advanced Placement American History Examination, for which college credit may be earned. First semester examines American History to 1900, second semester from 1900 to the present. Students and parents should consider the amount of time required by the student in accomplishing assigned reading. Assessment/grade for the class is largely determined by expository writing tests and objective tests. Upper-level reading comprehension skills are required. **There is a required summer assignment that will be included in the fall semester grade.**

AMERICAN GOVERNMENT COURSES: Each meets five units of American Government credit, required for graduation.

SS11/12 AMERICAN GOVERNMENT

Semester (12 only) (P, N)

PREREQUISITES: 12th grade standing.

This course will provide the student with a firm insight into the historical antecedents of government. The primary emphasis will be an in-depth study of the legislative executive, and judicial branches of government on the Federal level and a study of our state, county, and city governments. American Government and Economics may be taken in either order but students may *NOT* earn credit in both courses in a single semester. Both semesters are required for graduation.

SS71 AMERICAN GOVERNMENT AND POLITICS, ADVANCED PLACEMENT

Semester (12 only) (P, N)

PREREQUISITES: *U.S. History 1 and 2 with a grade of "B"; American History, Advanced Placement 1 and 2 with a grade of "C" or better; or teacher recommendation.*

AP government and Politics is a rigorous introductory college-level course, one semester in length. The course is designed to be an equivalent learning experience of a college level introduction to United States Government and Politics course. AP government enables students to gain an analytical view toward the topics of study as outlined by the College Board course requirements and prepares students to take the advanced placement exam in May. The course involves both the studies of general concepts used to interpret American politics and the analysis of specific cases. It requires that the students become familiar with the various institutions, groups, beliefs and ideas that make up the American political culture.

ECONOMICS COURSES: Each meets five or ten units of Economics credit, required for graduation.

SS61/62 ECONOMICS

Semester (12 only) (P, N) (five credits)

PREREQUISITES: 12th grade only

This course is concerned with the premises, structure, and functions of economics and will examine economic theories relevant to the American economic system. Included in this examination will be the study of the relationship between our economy and foreign economics. American Government and Economics may be taken in either order but students may *NOT* earn credit in both courses in a single semester. Both semesters are required for graduation.

SS91Y MICRO/MACROECONOMICS, ADVANCED PLACEMENT

Year (12 only) (P, N) (ten credits)

PREREQUISITES: *U. S. History 1 and 2 with a grade of "B"; American History Advanced Placement 1 and 2 with a grade of "C"; or teacher recommendation.*

Both semesters of Macroeconomics and Microeconomics are required to fulfill the high school graduation requirement. First semester Microeconomics is a rigorous course. It is the study of individual behavior in the economy, requiring understanding of integrated economic principles. Students will be expected to complete detailed analysis of economic models and problems in preparation for the advanced placement exam in the spring. Second semester Macroeconomics will cover modern principles in the study of aggregate economic behavior of the economy as a whole. Monetary and fiscal policies as well as supply-side theories will also be examined. A demonstration of thorough understanding and mastery of the concepts related to macroeconomics will be expected of students enrolled in the course. The yearlong course prepares students to take the Advanced Placement exam in both Micro and Macroeconomics, to earn possible college credit.

SOCIAL SCIENCE ELECTIVE COURSES: Each meets five credits of elective credit. Courses marked P-g meet UC/CSU "g" elective credits.

SA31Y GEOGRAPHY

Year (9-12) (P-g, N) (ten credits)

PREREQUISITES: None

The course content is separated by hemispheres. The fall semester focuses on the eastern hemisphere and the spring semester the western hemisphere. Both semesters explore the relationship between the physical environment and varied cultures, which flower from that environment. This course forms an excellent basis for the further study of history.

SV11 HUMANITIES

Fall Semester (9-12) (P-g, N)

PREREQUISITES: None

This elective course provides an introduction into the humanities. Students will identify various perceptions of human nature. They will recognize influences that have shaped human thinking. The student will study how to recognize the influences that have shaped human thinking. The student will correlate recurring themes of the historical past and apply these results to provide a more complete view of self. A seminar approach emphasizing *Socratic* discussion will be used to facilitate learning.

SV12 PHILOSOPHY

Spring Semester (9-12) (P-g, N)

PREREQUISITES: None

This course is designed to introduce philosophy as a discipline in the social sciences. The course will examine major philosophers and schools of philosophy in the western and non-western worlds. Students will investigate these philosophies in their historical context and attempt to apply them to personal and social issues they are currently facing in the twentieth Century. A seminar approach emphasizing *Socratic* discussion will be used to facilitate learning.

SV21 PSYCHOLOGY

Fall Semester (11-12) (P-g, N)

PREREQUISITES: 2.5 GPA or better

This rigorous course is designed to provide a basic understanding of the development of the science of psychology. The human personality will be studied through the different theories regarding human development. A study of the application of these theories will analyze human behavior through the practice of psychology.

SV22 SOCIOLOGY

Spring Semester (11-12) (P-g, N)

PREREQUISITES: 2.5 GPA or better

This course will be a survey course, which introduces the student to the study of the institutions of society, the study of the individual's relationship to society and to groups within society. Students will also study human interaction within the culture and various sub-cultures, which exist within society. Students will be actively engaged in the study of human relationships.

SV51/52 THE PSYCHOLOGY OF TEEN ISSUES and COMMUNICATION AND CONFLICT

Year 9-12

PREREQUISITES: None

First semester lays the foundation for a better understanding of the self and others. Students will explore the psychological foundations for their own personality, learning, and interaction as well as those of the most pressing teen issues of today: suicide, depression, violence, eating disorders, abuse, racism, addiction, and teenage pregnancy. In this final topic, students will have a unique opportunity to experience the challenges of teenage pregnancy first hand through participation in a 24-hour project with "Baby Think It Over," a computerized infant doll simulator that cries. Second semester, students will learn important skills that will not only be useful in the day-to-day relational setting of real life but also in a peer helping role. Students will learn active listening, questioning, assertiveness, conflict mediation, and problem-solving/decision-making skills. They will also explore important topics relevant to teens such as family, sexuality, diversity, drugs and alcohol, suicide, school violence and grief. Students interested in becoming peer helpers and peer mediators must complete this course with its conflict mediation training before applying for the *Peer Intervention Team*. Completion of this course does not guarantee a place on the team.

RELATED ROP COURSES for consideration:

Check the Regional Occupation Program (ROP) brochure and course offerings in the College/Career Center for more information. Classes are held at Claremont High School and other locations.

CRIMINAL JUSTICE (Police Science) (one semester)
FIRE FIGHTER TECHNOLOGY (one semester)
LAW ENFORCEMENT (one semester)

SUMMER SOCIAL SCIENCE COURSES: The following courses are offered during summer school when possible. Please see the summer school brochure for a description and course availability.

SD11Y WORLD HISTORY 1&2 (meets ten Social Science credits for graduation and UC/CSU entrance requirements)
SH11Y U.S. HISTORY 1&2 (meets five Social Science credits for graduation and UC/CSU entrance requirements)
SS12 AMERICAN GOVERNMENT (meets five Social Science credits for graduation and UC/CSU entrance requirements)
SS62 ECONOMICS (meets five Social Science credits for graduation and UC/CSU entrance requirements)

International Baccalaureate (IB) Courses

IB DIPLOMA REQUIREMENT: Successful completion of at least three courses at the Higher Level, three courses at the Standard Level, and completion of Theory of Knowledge, Extended Essay, and Creative/Action/Service requirement. Additional program information is available at <http://www.cusd.claremont.edu/~counsel/ib/> or by contacting either Linda Saeta, CHS IB Diploma Coordinator, or your student's counselor.

HIGHER LEVEL COURSES — meets graduation requirement in respective content area**ECB91Y IB ENGLISH A1 HL 1**

Year (11) (P, N)

PREREQUISITES: Completion of Sophomore English with a grade of B, or better; or teacher recommendation

ECB92Y IB ENGLISH A1 HL 2

Year (12) (P, N)

PREREQUISITES: Grade of C or better in both semesters of IB English A1 HL1 or teacher recommendation

Two year sequence of courses that prepare students for the AP Composition and AP Literature exams as well as meet the IB requirements. An extensive oral exam will be added to the methods of evaluation. A summer assignment must be completed.

SHB91Y IB HISTORY HL 1

Year (11) (P, N)

PREREQUISITES: Completion of World History 1 and 2 with a grade of "B"; World History, Advanced Placement 1 and 2 with a grade of "C" or better; or teacher recommendation.

The first year of a two-year sequence of courses. The first year will prepare the students for the AP US History exam and will begin the extended historical investigation paper that will be completed in the second year. A summer assignment must be completed.

SHB92Y IB HISTORY OF THE AMERICAS HL 2

Year (11-12) (P*, N*)

PREREQUISITES: "C" or better in History of the Americas HL1

The second year of a two-year sequence of courses. The second year focuses on topics of 20th Century America and completes the extended historical investigation paper begun in the first year. The second year course covers Post World War 2 events as well as modern Latin American History along with the California content standards covered in US Government. A summer assignment must be completed.

QEB91Y IB BIOLOGY HL 1

Year (11) (P, N)

PREREQUISITES: Completion of Chemistry or Physics with an A or B both semesters. Concurrent enrollment in IB Mathematics A or B SL or IB Mathematics HL 1 or 2 is recommended.

Higher level International Baccalaureate Biology is a two-year course of study which emphasizes basic biochemistry, cell structure and function, genetic patterns of inheritance, plant form and function, evolution, ecology, animal physiology and the international nature of science. An interdisciplinary group project helps students realize that one discipline is not isolated from another and that scientists can work together on problems to discover solutions to a common goal. Requiring structured labs, research papers and experimental design projects emphasizes laboratory work. Instruction is student-centered with cooperative learning as well as teacher directed, thus offering the student a college-level biology experience. Students will sit for the higher level International Baccalaureate Biology exam in the spring of their senior year.

QEB92Y IB BIOLOGY HL 2

Year (12) (P*, N*)

PREREQUISITES: "C" or better in both semesters of IB Biology HL1 or teacher recommendation

See course description above for IB Biology HL 1. The second year of a two-year sequence of that includes 60 hours of experiments.

MSB91Y IB MATHEMATICS A HL**MSB92Y IB MATHEMATICS B HL**

Year (11 - 12) (P, N)

PREREQUISITES: Concurrent enrolment in either Pre-calculus or Honors Pre-calculus BC or completion of either of these courses with a "C" or better.

A two-year sequence of courses that can be taken in any order and prepares students for the AP Calculus BC and AP Statistics exams as well as the IB Mathematics exam.

RTB91Y IB THEATRE HL 1

Year (11) (P-f)

PREREQUISITES: "B" or better in previous English course.

See IB Theatre SL course description listed below.

RTB92Y IB THEATRE HL 2

Year (12) (P-f*)

PREREQUISITES: Successful completion of IB Theatre SL

Continuation of IB Theatre HL 1.

STANDARD LEVEL COURSES - meets graduation requirement in respective content area**LFB81Y IB FRENCH B SL****LGB81Y IB GERMAN B SL****LSB81Y IB SPANISH B SL:**

Year (11 - 12) (P, N)

PREREQUISITES: "B" or better in second semester of level 3 or teacher recommendation. "C" or better in the first semester of this course to continue in the second semester.

One year course in respective language prepares students for both the AP exam in that language as well as meets the IB requirements. The IB component will require an extensive oral examination that will be given during the year. The courses requires the use of newspapers and periodicals written in the target languages.

QDB83Y IB ENVIRONMENTAL SYSTEMS & SOCIETIES SL

Year (11 - 12) (P, N)

PREREQUISITES: Completion of Chemistry or Physics with an A or B both semesters or Chemistry through Environmental Analysis with an A both semesters. Completion of Algebra II with a C or better both semesters.

This one-year experimental science class will explore environmental issues from both a science and social science perspective.

MSB82Y IB MATHEMATICS A SL

MSB83Y IB MATHEMATICS B SL

Year (11 - 12) (P, N)

PREREQUISITES: Concurrent enrolment in either PreCalculus or Honors PreCalculus BC Honors or completion of either of these courses with a "C" or better.

This two-year sequence covers seven major topics. IB Mathematics A SL covers Calculus. IB Mathematics B covers: Algebra, Functions and equations, Circular functions and trigonometry, Matrices, Vectors, Statistics and probability. The sequence will prepare students for the AP Calculus AB and AP Statistics exams as well as the IB Mathematics SL exam.

MSB81Y IB MATH STUDIES SL

Year (11 - 12) (P, N)

PREREQUISITES: Completion of Algebra 2 with a C or better.

This one year course is designed for the IB, college-bound student who plans on studying liberal arts or humanities in college. The course integrates the use of a calculator and spreadsheet explorations to expose students to the practical side of mathematics and the tools they will encounter in future careers.

RTB81Y IB THEATRE SL

Year (11 - 12) (P)

PREREQUISITES: "B" or better in previous English course.

This course is intended as an advanced study in theatre production, performance skills, world theatre studies, practical and analytical theatre production. Students will develop performance skills through working on student written and scripted scenes, working collaboratively with an ensemble, exploring new performance techniques and characterizations. Students will study a production from the point of view of the director, dramaturge, performer, ensemble, production team and spectator while investigating methods of turning a script into a performance. Students will explore universal themes and concerns in dramatic literature from other cultures in order to develop a global perspective. They will also focus on how theatre and those who work in theatre reflect and influence culture. Students will gain a knowledge and understanding of the technical and performance aspects of the stage by studying theatre and doing theatre. Students will apply their practical and theoretical learning to at least three main stage productions during the course of the year. The hands on design of the course will have reflection time built in and directly relate to the various aspects of assessment and research in the course.

RYB81Y IB MUSIC SL

Year (11 - 12) (P*)

PREREQUISITES: Prerequisites include teacher recommendation and an audition

This course will be a vocal music course which prepares the vocal student for the IB diploma. See course description for Chamber Singers under Visual & Performing Arts – Music Arts Courses for more detailed course information.

REQUIRED IB COURSES: meets designated units of elective credit

GAB81Y THEORY OF KNOWLEDGE 1

GAB82Y THEORY OF KNOWLEDGE 2

Year (11 - 12) (P) 5 credits each year

PREREQUISITES: Enrollment in IB Diploma Program

A required course for all IB diploma candidates that explores the interrelationship of all of the courses and challenges students to question how and why the know information from a variety of perspectives.

CAREER TECHNICAL: Courses directly connect to career pathways immediately after high school, after community college or after a four-year college.

INFORMATION TECHNOLOGY PATHWAY: Each course meets five units of elective credit towards graduation.

VB11/12 COMPUTER KEYBOARDING

Semester (9-12)

PREREQUISITES: None.

Every student at Claremont High School should be able to keyboard. During the semester, the student will learn touch control of the keyboard letters, figures, symbols, and special service keys. Students will demonstrate correct keyboarding techniques. At the end of the semester, students will apply keyboarding skills to business and personal letters, manuscripts, and tables. This skill is a prerequisite to many courses using the computer. This course does not meet the computer education graduation requirement.

GR21 COMPUTER EDUCATION This course meets the computer education graduation requirement. See General Department for description.

BUSINESS EDUCATION PATHWAY: Each course meets five elective credits towards graduation.

VB41/42 MATHEMATICS FOR BUSINESS 1 and 2

Semester (10-12) (five credits)
PREREQUISITES: None

This course meets credits for mathematics graduation requirement.

This course helps students become mathematically literate and self-confident by applying basic mathematics skills (adding, subtracting, multiplying, dividing, fractions, percents) and problem-solving strategies plus algebra concepts. The course includes such topics as checking and savings accounts, charge accounts, credit cards, loans, housing costs, and automobile costs. Second semester, students continue to apply basic mathematics skills and problem solving strategies. The course includes such topics as purchasing, sales, marketing, accounting, records, and financial management.

VB61Y ACCOUNTING 1 and 2

Year (10-12) (ten credits)
PREREQUISITES: None

This course meets credits for the mathematics graduation requirement.

This course is recommended for business majors and other students interested in the subject for personal use. It is an excellent background course for students planning to major in business at the college level. The basic bookkeeping cycle is presented and then expanded to include analyzing business transactions, journalizing and posting, preparing and analyzing financial reports, maintaining accurate business and personal records, and reconciling bank statements. Computers are integrated into the course through accounting software. Second semester this course is the study of payroll procedures, depreciation of fixed assets, notes receivable and notes payable, and purchases and sales returns and allowances.

VB51/72 BUSINESS MANAGEMENT and BUSINESS LAW

Year (10-12) (ten credits)
PREREQUISITES: None

Business Management is the study of the economic and social environment of business, students will learn about entrepreneurship, the three basic types of business ownership, marketing, finance, management functions, and human resources. The students will also apply business management principles in analyzing and solving real world problems presented in projects, case problems and class discussion questions. Business Law is the study of the basic legal concepts relating to business transactions. The students learn how law applies to society, the consumer, minors, citizens, and business. The students also learn about crimes, torts, contracts, the court system, bailments, credit, renting and owning real property, and insurance. These courses provide an excellent background for those students who plan to major in business at the college or technical school level or enter the work force after high school graduation.

ARTS and COMMUNICATION PATHWAY: Each course meets ten elective credits towards graduation. See Visual and Performing Arts section for course descriptions.

- RG61Y COMPUTER GRAPHICS**
- RL11Y PHOTOGRAPHY 1, 2**
- RL25Y PHOTOGRAPHY 3, 4**
- RP31Y INTRODUCTION TO VIDEO PRODUCTION**
- RP41Y ADVANCED VIDEO PRODUCTION**
- RT61Y TECHNICAL THEATRE**
- RT71Y PRODUCTION CREW**

CULINARY ARTS PATHWAY: Course meets ten units of elective credit towards graduation.

VC13Y CULINARY ESSENTIALS

Year (9-12) (ten credits)
PREREQUISITES: None

This course provides students with the basic elements of culinary arts in a survey course format and exposes student to extended opportunities to observe the culinary arts in hands-on, real world settings via field trips, guest demonstrations, test tasting and other collaborative activities. Students will have the opportunity to become certified food handlers and gain valuable experience in food preparation, food presentation, food handling, food safety, sanitation, food sales and marketing.

WORK EXPERIENCE EDUCATION: Each meets five units of elective credit.

VE11/12 GENERAL WORK EXPERIENCE EDUCATION

Semester (10-12)
PREREQUISITES: Sixteen or seventeen years of age **AND** current employment.
RECOMMENDATIONS: Regular attendance - GPA of 2.0

Student employment under the supervision of a teacher and with related instruction can earn credits. The student participates in related instruction and is supervised on the job by the program teacher. Attendance and responsible completion of work related documents are critical to success. A maximum of 10 credits per semester and a maximum of 40 credits in four years is allowed for graduation credit. Classes meet before school.

RELATED ROP COURSES for consideration:

Check the Regional Occupation Program (ROP) brochure and course offerings in the College/Career Center for more information. Classes are held at Claremont High School and other locations. Other ROP courses are listed under the ROP section.

Business Related

BANKING/FINANCIAL OCCUPATIONS (one semester+)
MARKETING (one semester+) **at Claremont High School**
OFFICE TECHNOLOGY (one semester+)

Technical Related

AUTO BODY REPAIR (one semester+)
AUTOMOTIVE (one semester+) **at Claremont High School**
FLORAL DESIGN and SALES (one semester+)
NURSERY PRACTICES AGRICULTURAL (one semester)

Service Related

CHILD CARE (one semester+)
COSMETOLOGY (three semesters)
FOOD SERVICE/CULINARY (one semester+)
HOTEL OCCUPATIONS (one semester+)
MANICURING (one semester+)

+ = additional semester of advanced training optional

Baldy View Regional Occupational Program (R.O.P.)

The Regional Occupational Program (ROP) is a joint venture of the Chino Valley, Chaffey, Claremont, and Upland school districts designed to serve the occupational and technical training needs of high school students. Not only can a student earn a better wage, but also develop an experience edge and advantage. ROP classes are held on high school campuses and in off-campus community classrooms and training sites. This is part of the extension program of course enhancements at Claremont High School.

These classes, all of which have state approved training plans, are designed to provide entry-level job skills. The instructors are credentialed experts in their field and are dedicated to developing the skills and attitudes necessary for success in the world of work. The major prerequisite for these courses is that students apply effort, demonstrate responsibility and self-discipline. All courses are competency based, earning credits in multiples of five. A maximum of forty ROP credits count toward high school graduation requirements. However, all credits will be recorded on the transcript. Students must be sixteen years of age or older. Many of the courses are available only to juniors or seniors. See your Counselor or the College/Career Center Technician for a brochure, current class schedule, student requirements, and additional class offerings. ROP is WASC accredited. These courses receive elective credit towards graduation.

COURSES OFFERED IN THE CLAREMONT UNIFIED SCHOOL DISTRICT

WT00 AUTOMOTIVE (Beginning and Advanced) OFFERED ON CHS CAMPUS

Semester 5, 10, or 15 credits
This course provides entry-level skill training in lubrication, engine tune-up, brakes, tires, auto cooling, and electrical, fuel and exhaust systems. Course leads to the introductory automotive courses offered at Chaffey College and Citrus College.

VI55 DRAFTING /AUTO CAD 5 credits OFFERED ON CHS CAMPUS

This course prepares students for a variety of careers related to the field of architecture. The student will be involved in creating the drawings required for the design and construction of residential or commercial buildings. Students will utilize both manual and CAD drafting techniques. Software used includes AutoCad LT2000I, 3D Home Architect Deluxe, Microsoft Word and PowerPoint. Integrated throughout the course are career preparation and academic standards.

WM10 VIRTUAL ENTERPRISE OFFERED ON CHS CAMPUS
Semester 5 credits

This course combines classroom instruction with work-based training in various retail stores. Students will learn merchandising strategies, selling techniques, visual merchandising, marketing functions, economics, as well as safety, security and customer service.

WS46 CRIMINAL JUSTICE

Semester

5 credits

OFFERED ON CHS & SAN ANTONIO CAMPUSES

This course is designed to provide students with skills needed to prepare for a job as a Forensic Specialist. The program provides a challenging environment in which students are introduced to crime scene photographing, evidence collection, fingerprinting techniques and classifications identification.

WT29 PLUMBING

Semester

5 credits

OFFERED AT SAN ANTONIO CAMPUS

This course is designed to provide students with the essential skills needed to become a plumber. Students will learn basic plumbing tool usage; how to identify fixtures; faucets and valves; plumbing applications; safety practices; lifting and handling techniques; plumbing codes; system and theory; how to identify major appliances, piping systems, and more.

ROP COURSES OFFERED AT OTHER LOCATIONS

WH10	DENTAL ASSISTANT	WS30	COSMETOLOGY
WH23	HOSPITAL OCCUPATIONS	WS40	FIRE FIGHTER TECHNOLOGY
WH30	MEDICAL ASSISTANT	WS43	LAW ENFORCEMENT
WH40	NURSING ASSISTANT ACUTE & CERTIFIED	WS47	CRIMINAL JUSTICE
WH61	EMERGENCY MEDICAL TRAINING (EMT)	WS52	HOTEL/RESORT OCCUPATIONS
WH72	PHARMACY TECHNICIAN	WS53	FOOD SERVICE/CULINARY
WO11	OFFICE SUPPORT PROCEDURES	WT10	AUTO BODY PAINT/REPAIR
WR31	DISTRIBUTION (Warehouse)	WT30	AIRBRUSH
WR50	FLORAL DESIGN	WT60	COMPUTER A+ REPAIR PREPARATION
WS00	ANIMAL HEALTH CARE	WT66	WEB PAGE DESIGN
WS10	BANKING AND FINANCIAL OCCUPATIONS	WT70	VIDEO PRODUCTION
WS20	CHILD CARE	WT83	NURSERY PRACTICES

ADDITIONAL COURSES: See College/Career Center Technician for ROP Brochure for descriptions.

Students must register for ROP classes with their counselor AND in the College/Career Center in Room 401. A schedule of dates and times is available for courses offered Fall, Spring and Summer.

SPECIAL EDUCATION

XX01 CONTENT MASTERY

Semester

(9)

(5 elective credits)

PREREQUISITES: Special Educational Placement, Individual Educational Program

This course provides practice in study skills for the special education student enrolled in regular education courses. Students will be assisted in making contact and learning to communicate openly with content teachers. Students will learn to recognize their strengths and come to terms with their needs. Tutoring, as appropriate to the students' course selection in the regular programs, is included.

XX03 DIRECTED STUDY

Semester

(9-12)

(5 elective credits)

PREREQUISITES: Special Educational Placement, Individual Educational Program

This class provides students the support and structure needed to be successful in regular education academic classes. Study skills, organizational skills, learning strategies, and processing skills will be practiced to nurture scholastic independence. Through alternative means and modes, students may get assistance for mainstreamed classes as necessary and appropriate.

ESSENTIAL SKILLS COURSES

The Essential Skills courses are alternatives to courses in the regular education program. They are designed to meet requirements for individuals, appropriate to their Individual Educational Program as well as meet graduation requirements. Course grade availability is indicated in parentheses. Courses marked with an "N" meet NCAA Clearinghouse eligibility requirements. All courses with a "Y" in the course number are ten credits yearlong courses. The others are five credit semester courses. All require a special education placement on an Individual Education Plan (IEP).

XE03/4	BASIC READING	(10-12)
XE	FOUNDATIONS FOR ACADEMIC SUCCESS	(9)
XE13Y	FRESHMAN ENGLISH	(9, N)
XE15Y	SOPHOMORE ENGLISH	(10, N)

XE21Y	JUNIOR ENGLISH	(11, N)
XE31Y	SENIOR ENGLISH	(12, N)
XG01/02	PUBLIC HEALTH AND SAFETY	(10-12)
XG03/04	CAHSEE MATH REVIEW	(9-12)
XM01Y	ARITHMETIC FUNDAMENTALS	(9-12)
XM07Y	PRE-ALGEBRA	(9-12)
XM03Y	ALGEBRA READINESS	(9-12)
XM09Y	ALGEBRA	(9-12, N)
XP05Y	ADAPTIVE PHYSICAL EDUCATION	(9-12)
XR03Y	ADAPATIVE ART	(9-12)
XR	CREATIVE ARTS	(9-12)
XQ01Y	BIOLOGY	(9, N)
XQ03Y	PHYSICAL SCIENCE	(10, N)
XR01Y	MUSICAL APPRECIATION	(9-12)
XS03Y	WORLD HISTORY	(10, N)
XS05Y	UNITED STATES HISTORY	(11, N)
XS08	AMERICAN GOVERNMENT	(12, N)
XS07	ECONOMICS	(12, N)
XS11/12	GEOGRAPHY (summer only)	(9-12)
XV01Y	LIFE/VOCATIONAL PREP	(11-12)

LIFE SKILLS EDUCATION: Life Skills Education courses available for grades 9-12 are designed for the special education student whose Individual Education Plan specifies placement in courses for basic living fundamentals.

XC03/4	INDEPENDENT LIVING AND VOCATIONAL TRAINING
XC05/6	SOCIAL SKILLS
XC07/8	READING AND WRITING LITERACY
XC09/10	PRACTICAL MATH

CLAREMONT HIGH SCHOOL

Expected Schoolwide Learning Results (ESLRs)

The revised Expected Schoolwide Learning Results for CHS students (ESLRs) state:

The CHS student strives to be:

Principled.

Students demonstrate integrity, responsibility, a sense of fairness, and justice.

Achieving.

Students meet their academic, personal, and social responsibilities.

Creative.

Students find and use artistic outlets of expression. They also explore innovative activities and solutions.

Knowledgeable.

Students develop awareness and understanding of significant facts, concepts, ideas, and issues across a broad range of disciplines.

Pursuing Personal Growth.

Students reflect on who they are, what motivates them and how to improve their current situation.

Respectful.

Students respect themselves, others, property, and ideas.

Inquisitive.

Students give thoughtful consideration to their own learning and experience.

Disciplined.

Students make choices that advance their long-term goals and needs.

Engaged.

Students actively and positively contribute to the classroom and community.

This *Course Descriptions* book has been produced with every effort to ensure the accuracy of its content. The editorial staff regrets any errors, which may have inadvertently been included and would appreciate receiving corrections. Students are given a copy upon enrollment in Claremont High School and should refer to it throughout their high school career. Updated versions are available on the school web site, <http://claremonthigh.net>.

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