

HALF MOON BAY HIGH SCHOOL

Student Planning Guide 2011-2012



Cover Art: "Pier" by Eric Pederson



Half Moon Bay High School Student Planning Guide 2011-2012

This program planning guide will provide you with long-range guidelines for planning your high school courses in preparation for graduation and for college entrance or employment. Careful thought on your part, with helpful advice from your parents, teachers, counselors, and friends will undoubtedly save you regrets and difficulty in the future. The decisions you make now are important ones. This planning guide has been prepared to help you make these decisions.

We urge you and your parents/guardians to read this guide completely. Special programs and increased opportunities are available to students with some initiative and willingness to plan ahead.

Please evaluate your past academic performance with your counselor and teachers. Check the prerequisites or requirements for the courses you would like to take next year. Keep in mind the requirements for graduation. If you have uncertainty about your credits, your counselor or the registrar will be happy to advise you on your class standing.

STUDENT CHECK LIST

The most efficient and effective way to use the Student Planning Guide is to carry out each step listed below and check it off when you finish it. A time-line for the scheduling process will be given by your counselor during the *2011-2012 Course Selection PLP* counseling session.

- _____ 1. Read the introductory pages of this guide and become familiar with the general content.
- _____ 2. Review your transcript and your 4 year plan (leave your transcript attached to your course request form).
- _____ 3. Read the course descriptions, especially the prerequisites, of all courses you are planning to request.
- _____ 4. If required, obtain signatures for courses needing prior approval, including your parent/guardian's signature (if requesting an Advanced/AP Course or at TA position, be sure to attach a contract).
- _____ 5. Be sure you have selected at least 2 appropriate alternate courses in the event that your course is not available.
- _____ 6. Turn your course requests in on time. **DUE DATE:** _____

Please remember...

All efforts will be made to enroll you in the classes you select.

If you have not met all of the course requirements, you will be placed in the appropriate course. If the course you select is not available, you will be placed in an alternate or other available course. With very few exceptions, course changes cannot be accommodated.

GRADUATION REQUIREMENTS

The Course of Study at Half Moon Bay High School (Cabrillo Unified School District Board Policy No. 527) requires all pupils in grades 9-12 to successfully complete 230 credits including the following:

- 1) Forty (40) semester credits (4 years) of English and demonstrated proficiency in reading and writing as determined by the California High School Exit Exam (CAHSEE)*.
- 2) Thirty (30) semester credits (3 years) of mathematics and demonstrated proficiency in arithmetic as determined by the California High School Exit Exam (CAHSEE)*. Of the thirty (30) credits, ten (10) must be for Algebra I or higher. Please note that all colleges/universities recommend 4 years.
- 3) Forty (40) semester credits (4 years) of social studies, to include 10 credits (one year) of Geography/Technology/State Requirements, 10 credits (one year) of World History, 10 credits (one year) of U.S. History, 5 credits (one semester) of American Government or Agricultural American Government and 5 credits (one semester) of Economics or Agricultural Economics.
- 4) Twenty (20) semester credits (2 years) of science including one year of a life science and one year of a physical science. The life sciences are Biology, AP Biology, Agricultural and Environmental Science, Agricultural Biology and Marine Ecology. The physical sciences are Earth Science, Chemistry, Agricultural Chemistry, and Physics.
- 5) Twenty (20) semester credits (2 years) of physical education (completed in the 9th and 10th grades).
- 6) Ten (10) semester credits (1 year) of fine arts. World language, music or art may be used to satisfy this requirement. Please note however, that colleges and universities require both a visual/performing art and 2-3 years of a foreign language.
- 7) Seventy (70) semester credits of electives – all courses not fulfilling the above categories are counted as electives.

Please note: A maximum of thirty (30) semester credits of Service Credits may be applied toward graduation requirements. Service Credits include: teacher aide, office aide, library aide and Repo-Depo assistant.

Service credits count towards high school electives only. Students earn credit, but will not receive academic grades. Service Credits will not be considered in determining grade point average. Credit is given on a pass/fail/variable credit/no credit basis.

* The California High School Exit Exam (CAHSEE) is administered to each student beginning in the spring of sophomore year. Students have a total of six (6) opportunities to take and pass both sections (English and Mathematics) of the exam throughout the four years of high school.

Credits are earned at a rate of **five (5) per semester** for each class passed, and **ten (10) per year** for each year-long class passed. Fewer credits may be earned for classes identified as **variable credit** courses.

Please use the "Four-Year Planning Sheet" on the following page to assist in course selection.



Half Moon Bay High School

Lewis Foster Drive, Half Moon Bay, CA 94019 • 650 712-7200
 Cabrillo Unified School District • www.cabrillo.k12.ca.us/hmbhs

Course Planning Worksheet for: _____ **Date** _____

Grade 9 – Freshman	Grade 10 – Sophomore	Grade 11 – Junior	Grade 12 – Senior
Geography English: _____ Physical Education Math: _____ Elective: _____ Elective: _____ <i>Extra/Other:</i> Early Bird, ROP, Jr. College, PASS, etc. _____	World History English: _____ Physical Education Math: _____ Elective: _____ Elective: _____ <i>Extra/Other:</i> Early Bird, ROP, Jr. College, PASS, etc. _____	U.S. History English: _____ Math: _____ Elective: _____ Elective: _____ Elective: _____ <i>Extra/Other:</i> Early Bird, ROP, Jr. College, PASS, etc. _____	Government/Economics English: _____ Elective: _____ Elective: _____ Elective: _____ Elective: _____ <i>Extra/Other:</i> Early Bird, ROP, Jr. College, PASS, etc. _____

Credit Recovery Options		
<u>Summer School/Online 1</u> 1) _____ 2) _____	<u>Summer School/Online 2</u> 1) _____ 2) _____	<u>Summer School/Online 3</u> 1) _____ 2) _____
Adult Ed Program (Pass/Fail only) 1) _____ 2) _____		

Half Moon Bay High School Graduation Requirements	CSU/UC A-G College Prep Requirements
___ 4 years English ___ 1 year Freshman Studies/Social Studies ___ 1 year World History ___ 1 year U.S. History ___ 1 year American Government/Economics or Ag Gov/Econ ___ 2 years Physical Education (PE) ___ 3 years Math (must include Algebra I) ___ 1 year Fine Arts (Art, Music, World Languages) ___ 1 year Physical Science (Earth Science, Chem., Ag Chem., Physics) ___ 1 year Life Science (Ag/Env Science, Biology, Ag Bio) ___ Elective (70 credits – anything not being counted under another category)	___ A - History/Social Science – 2 years required 1 year of World History and 1 year of U.S. History ___ B - English – 4 years required 4 years of college-prep English (may include 1 year of A-G approved ELD) ___ C - Mathematics – 3 years required, 4 recommended Algebra I, Geometry, Algebra II, Pre Calc, AP Calc, AP Stat ___ D - Laboratory Science – 2 years required, 3 recommended Biology, Chemistry, Physics, Ag Bio, Ag, Chemistry, AP Biology ___ E - Language Other than English – 2 years required, 3 recommended. Must be the same language. Middle school courses can fulfill part of this requirement. ___ F - Visual and Performing Arts – 1 year required 1 yearlong arts course from a single discipline: music or visual art. ___ G - College Preparatory Electives – 1 year required examples: Pre Calc, Earth Science, Spanish III, Art II, AP Biology

For more information, visit our school web site:
www.cabrillo.k12.ca.us/hmbhs

For information about **California Community Colleges** go to:
www.cccco.edu or www.CaliforniaColleges.edu

For more information about **California State Universities** go to:
www.csumentor.edu

For more information about the **University of California** go to:
www.universityofcalifornia.edu/admissions/

GENERAL INFORMATION

Number of Courses and Credit

The normal/expected course load for students at Half Moon Bay High School is six (6) courses per semester. Senior students who need 50 or less credits at the start of senior year, may take five (5) courses.

Class Attendance

Regular class attendance is required. A student who is absent from class, even though he or she is ill, will miss some essential instruction which will affect achievement and/or grades. Excessive absences will endanger the student's success.

Students should clear absences through the Attendance Office within 24 hours of the absence. Students are encouraged to have their parents clear the absence the day of absence by calling the Attendance Office at 712-7200 ext. 5020; otherwise, a note signed by the parent or guardian should accompany the student to the Attendance Office upon the student's return.

Students shall be allowed to make up work they have missed because of excused absences (in a timely manner). Teachers are not required to allow students to receive credit for work missed due to truancy or other unexcused absences. Per policy created by the Academic Council, no students will be allowed to test outside of the final exam dates unless the absence is excused. Please plan accordingly.

A senior student must have a school attendance record of 85 percent (85%) actual attendance of the periods in which the student is enrolled for the current school year. Both excused and unexcused absences will be counted. Absences due to school-sponsored trips and/or school activities are not counted as absences toward the 85% attendance requirement. Excessive tardies may impact this percentage.

Schedule Changes

It is essential that the student select his or her courses carefully. Students are expected to remain in their selected classes throughout the entire year. Only under exceptional circumstances will courses be changed after scheduling.

In the event that a class is dropped after the first two weeks of the semester, it will result in a grade of W/F (withdrawal/fail) for the semester, and can count as a 'O' (zero) in GPA calculations. Deadlines to avoid a grade of W/F are ten school days from the first date of the semester; very few changes are made at the semester as HMBHS courses are year-long.

Variable Credit

Some service learning (such as student aides and repo-depo assistants) positions offer variable credit. Students can earn from 1/2 to 5 credits for each semester. It is the responsibility of the student and parents to keep track of credits earned in order to meet graduation requirements.

Grading

Letter grades A through F (and Pass/Fail or Credit/No Credit) are used at Half Moon Bay High School. Plus and minus are not used in grade point calculations. A student who receives an "Incomplete" mark has four weeks from the end of the quarter to make up the incomplete work. Unless make-up work is completed at the end of week four, the "Incomplete" grade becomes a "Fail" or F for the course. Students must communicate with their teachers in a timely manner regarding make-up/incomplete work.

Honor Code

Half Moon Bay High School's Honor Code is based on the premise that honesty, hard work, and diligent study brings about academic success and a sense of accomplishment. Cheating or academic dishonesty is a serious violation of school rules and the honor code. The following procedures address students whom:

- Receive or provide information during a test
- Receive or provide information on tests given during an earlier period
- Gain unauthorized access to test materials
- Use unauthorized material on tests
- Use ideas or written material from other sources, students, or professional writers without acknowledging the source in their own writing
- Use or copy another student's work when not authorized by the teacher or by the originating student
- Allow other students to use their work on assignments

The above list is not meant to be all-inclusive, and teachers will apply this policy as outlined in the course rules. The teacher's professional judgment will determine whether the cheating has occurred. Depending on the nature of the infraction and the previous record of the student, the teacher may follow one or more of the following procedures:

1st Offense: Immediate zero/F; Referral to AP; parent notification; 2 detentions assigned

2nd Offense: Immediate zero/F; Referral to AP; mandatory meeting with parents; Saturday School and loss of participation in school activities/athletic participation for a minimum of one week

3rd Offense: Immediate zero/F; Referral to AP; mandatory meeting with parents; automatic suspension and return to school pending a student contract

Valedictorian

The Valedictorian of Half Moon Bay High School is determined by the following criteria:

1. Total number of courses taken.
2. The number of AP/Honors courses taken during the school year weights the GPA.
Weighted GPA = GPA + .2 X (each AP and/or Honors course)
3. Only courses that are taken at HMBHS which are designated AP/Honors on our master schedule will be weighted for GPA calculation.
4. A student, who has transferred to Half Moon Bay High School, will receive credit for AP/Honors courses as verified by their transcript.
5. Courses taken at a community college or local university can count toward your GPA, but will not count toward your weighted GPA to determine the valedictorian.
6. If necessary, pluses and minuses will be calculated to break a tie as will 3rd quarter and final progress grades.

Duplicate Credit

Students sometimes repeat a course for the purpose of improving a grade (please note that colleges/universities have individual policies regarding this practice). Ordinarily, no additional credit will be earned. However, the following departments may offer some courses for duplicate credit with the permission of the teacher and counselor:

- Agriculture
- Art
- ELD
- Industrial Arts
- Music
- Physical Education
- Technology

In addition, the following courses may be repeated for additional credits:

- Yearbook
- Leadership
- *Service Credits:
 - ◆ Teacher Aide
 - ◆ Library Aide
 - ◆ Office Aide
 - ◆ Repo-Depo Assistant

*30 credits maximum permitted in these service areas towards graduation and no letter grades are awarded.

Repeat of Courses - Grade Policy

A student may elect to repeat a course. The rules regulating a repeat course are:

1. Permanent record should reflect an accurate record of all student work.
2. In the case of a repeated course, the course title and grade will be recorded each time the course is attempted.
3. When a course is repeated, the credits will be given only once.
4. When repeating a course, the highest grade is retained and included in the GPA calculation regardless of when taken (refer to individual colleges/universities for their policies).

HMBHS Transcript Policy: College Board (AP/SAT) and ACT Scores

All scores received by HMBHS from 3rd party agencies such as the College Board and ACT will be posted to a student's transcript. If the student would prefer for none of the scores to be posted, the student and guardian will submit in writing this request to the registrar; forms are available in the counseling office. There is not a "score choice" option for posting select outside agency test scores on the transcript, all will be posted unless a written request is made to remove all scores; selection of highest scores not permitted.

California High School Proficiency Examination - (CHSPE)

Persons who are sixteen (16) years old or older may elect to take the California High School Proficiency Examination. Persons who are younger than sixteen (16) may take the test if they have completed a year of enrollment in the 10th grade or will complete a year of enrollment in the 10th grade at the end of the semester in which the test date falls. The College Entrance Examination Board (CEEB) will administer the examination and there is a charge for the examination. Upon receipt of the CHSPE certificate of exemption, the student is eligible, with guardian approval to exit high school and apply for entrance into the community college system. For more information and registration, go to <http://www.chespe.net>

Withdrawals

Students transferring to another school are required to bring the school secretary a written note or statement from their parents or legal guardian stating the reason for the withdrawal. The student must check out with each teacher, the librarian and the school secretary. All books and materials must be returned (or paid for) to the school.

Textbooks and Equipment

It is the responsibility of the student to maintain and return all textbooks and equipment. Students will be assessed for the cost to replace all lost/damaged items.

Community Colleges - Concurrent Enrollment Program

The College Connection Concurrent Enrollment Program of the San Mateo Community College District is an enrichment program that provides an opportunity for high school students to benefit from advanced scholastic or vocational work. Upon the recommendation of their high school counselor, students may take college courses concurrently at a community college. Please note: Due to budget constraints, space for high school students at CSM, Skyline, and Cañada continues to be limited. Please see your counselor and go to smccd.edu/collegeconnection for more information.

Post Graduation Options

As you examine your interests, abilities, and goals, you will have a better idea of what you would like to do in the future. Before you make a final decision, it is important to know the different options that are available and what you must do to achieve your goals. These will be discussed in detail throughout high school in the Personal Learning Plan (PLP) Counseling Program. The major categories are:

1) Entry Level Jobs

Taking high school courses which relate to your interests would help to qualify you for entry-level jobs. Taking Regional Occupation Program (ROP) classes, while in high school, will provide you with additional training. Your counselor has the current ROP schedule.

2) Community College - Vocational School

Vocational training, which you can receive at a community college, business, or technical school, will enable you to develop the knowledge and skills to give you additional job security and allow you to advance more rapidly in your work. Admission to a community college requires that you successfully complete a high school program of study, or pass the high school proficiency examination, or be 18 years of age and be able to profit from a college program of study. Prerequisite courses are required for some majors. An Associate of Arts (AA) or Associate of Science (AS) degree is awarded in many two year vocational technical programs. A one year certificate program is also available in certain fields. Courses in the program offer training in skills qualifying students for employment in semi-professional and technical areas.

3) Community College Transfer

A student planning to transfer to a four-year college or university can complete their first two years of study at a community college. It is important that you consult with your college advisor/transfer counselor in order to arrange a program/contract which will meet the requirements to transfer to the

college or university of your choice. For more information on transferring, go to www.assist.org. *Students planning this academic path are urged to complete four years of math in high school in addition to four years of English (required). This will better prepare them to take the required placement tests and allow them to begin taking transferable level courses.*

4) Four-Year University

Visit www.californiacolleges.edu for info on all Colleges/Universities in California.

University of California (UC) Entrance Requirements:

www.universityofcalifornia.edu

The University of California “A through G” plan is the most popular means by which high school graduates meet minimum college and university entrance requirements. All courses must be UC approved – For HMBHS’s UC Course List visit www.doorways.ucop.edu/list and see course descriptions and planning worksheet (p. 3).

a)	Social Science (US History/World History)	2 years
b)	English	4 years
c)	Mathematics (Algebra I, Geometry, Algebra II)	3-4 years
d)	Laboratory Science	2-3 years
e)	World Language (same language)	2-3 years
f)	Visual or Performing Arts	1 year
g)	College Preparatory Electives	1 year

At Half Moon Bay High School, the “G” Electives” may be met with American Government/Economics, Pre-Calculus, AP Calculus, AP Statistics, Earth Science, Marine Ecology, Physics, AP Biology, French III, AP French IV, Spanish III, and AP Spanish IV/V or one year of advanced fine arts, band or music.

Other college prep electives may be taken at the community college provided they are transferable to a university.

Academic Requirements: While the UC uses a 14-point comprehensive review, they use grades and test scores to determine initial eligibility. In calculating an applicant's grade point average for admission, the UC will use the grades earned in “A-G” courses taken in the 10th and 11th grades. Eligibility is based upon an "Eligibility Index" which is a combination of the grade point average and the college entrance examination scores. A grade of ‘C-’ or better is required in all of the "A through G" courses including those taken in freshman year.

The grades earned AP and Honors level courses may earn extra grade points (or a “weighted gpa”) when applying to a university. See your high school counselor for limitations. It is highly encouraged that students set goals that include at least one of these courses in their 4 year plan.

Examination Requirement - Applicants for college freshman status must submit test scores as described below:

1. One aptitude or achievement exam, either the SAT I (Scholastic Aptitude Test), aka SAT Reasoning, or the ACT (American College Test) with writing.
2. For UCs, taking two (2) SAT II, subject matter tests is recommended but no longer required for the class of 2012 and beyond.

Register for the SAT at www.collegeboard.com

Register for the ACT at www.actstudent.org

California State University (CSU) Entrance Requirements:

www.csumentor.edu

It is recommended that students follow the UC ‘A-G’ preparatory program in high school in order to qualify for the California State Universities. Eligibility is based on an “Eligibility Index” which is a

combination of grade point average and college entrance examination scores. Course Requirements are almost identical to those of the University of California.

Academic Requirements: The scholarship requirements for the CSU are the same as that for the University of California. Grades of C- or better are needed in all of the required courses. There are a few special rules regarding the validation of lower grades – see your counselor for specifics.

Examination Requirement – An aptitude or achievement exam is required, and it may be either the SAT I (SAT Reasoning) or the ACT.

Private and Out of State Universities

www.aicculator.org (for Private/Independent Colleges and Universities)

It is generally recommended that students follow the UC/CSU ‘A-G’ preparatory program in high school in order to qualify for private and out of state universities. It is in the student’s best interest to research each individual university to determine additional or alternate requirements; for example, while the UCs no longer require SAT Subject Tests, many private and out of state universities have maintained this requirement.

For more information about
Half Moon Bay High School,
we encourage you to explore
www.cabrillo.k12.ca.us/hmbhs

HMBHS COURSES

2011-2012

AGRICULTURE

Agriculture/Environmental Science **(0613)**

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Completion of Algebra I with grade of 'C-' or higher; concurrent enrollment in Algebra I acceptable
- Meets the graduation requirement for Life Science credit
- Does not meet a UC/CSU A-G requirement

This is an agriculture science course which uses applied animal and plant science principles and experiments to demonstrate science theory.

Topics in plant and animal structure, function, behaviors, genetics, nutrition, health and reproduction, and production will be taught to meet the standards for life science credit. Students will also be introduced to California agriculture, agricultural careers and opportunities, record keeping, and leadership.

The FFA and outside Agriculture Department activities are an integral part of this program; students are expected to participate in a number of these activities. During the second semester, in addition to class projects, students are required to conduct a Supervised Agriculture Experience (SAE) project, which they will design and work on outside of class time.

Agricultural Biology **(0616)**

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Grade of 'C-' or higher in Algebra I or grade of 'C-' or higher in Ag/Environmental Science
- Meets the graduation requirement for Life Science credit
- Counts toward UC/CSU A-G requirement 'D' (Laboratory Science)

This class will improve the student's scientific knowledge and expose the student to biological

science and its influence on the agriculture industry. Students will investigate the genetics of plant life and animals, how those genetics have changed, and how those changes have affected the agriculture industry. Students will investigate the cell and how it influences the entire organism. The class will have an in-depth study of the vertebrate and invertebrate and the functions that they play in everyday life. Ecology and the role of organisms on the environment, the conservation of natural resources and alternative renewable resources will also be investigated. An emphasis will be placed on math and language arts standards, problem solving skills, and related careers.

The FFA and outside Agriculture Department activities are an integral part of this program; students are expected to participate in a number of these activities. During the second semester, in addition to class projects, students are required to conduct a Supervised Agriculture Experience (SAE) project, which they will design and work on outside of class time.

Agricultural Chemistry **(0617)**

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Grade of 'C-' or higher in Geometry
 - Current science teacher approval
- Meets the graduation requirement for Physical Science credit
- Counts toward UC/CSU A-G requirement 'D' (Laboratory Science)

Agricultural Chemistry is course that connects chemistry to the agriculture industry. This course will expose students to the fundamental concepts and principles of Chemistry. Laboratory experiences are a main focus in Agricultural Chemistry.

The FFA and outside Agriculture Department activities are an integral part of this program; students are expected to participate in a number of these activities. During the second semester, in addition to class projects, students are required to conduct a Supervised Agriculture Experience (SAE) project related to the botanical world, which they will need to design and work on outside of class time.

Agriculture Government & Economics **(0615)**

- Year long course – 10 credits
- Grades Eligible: 12

- Prerequisites:
 - Grade of 'C-' or higher in an Ag course
- Meets graduation requirement for American Gov/Econ credit
- Counts towards UC/CSU A-G requirement 'A' (History) for one semester and 'G' (Elective), for one semester only

One semester will focus on the basic structure and operations of the federal government with a focus on its affect on agriculture. Contemporary issues will be studied as they develop. The second semester will investigate the economics and business practices of the agriculture industry. Students will also learn about record keeping and leadership skills will be developed.

The FFA and outside Agriculture Department activities are an integral part of this program; students are expected to participate in a number of these activities. During the second semester, in addition to class projects, students are required to conduct a Supervised Agriculture Experience (SAE) project related to the botanical world, which they will need to design and work on outside of class time.

Agriculture Leadership (0618)

- Year long course – 10 credits
- Grades Eligible: 10 (with FFA experience), 11, 12
- Prerequisites:
 - Grade of 'C-' or higher in an Ag course
 - Agriculture teacher approval
- Counts toward graduation requirement for Elective credit **pending board approval*
- Does not meet a UC/CSU A-G requirement

This course is designed to develop responsibility, initiative, creativity, leadership, and school pride in the Agriculture program. It provides class time for the planning and organization of meetings, social and recreational events, elections, service activities, fundraisers, and community and other events. Students will have the opportunity to study concepts of goal development, the keys to success, and character development both as an individual and team. Students will learn about group dynamics, Parliamentary Law and Procedures, critical thinking, public speaking, personal finance management, record keeping, career goals, and the importance of the FFA in Agriculture Education. Ag Leadership students are often required to participate in after school and lunchtime activities.

Agriculture Independent Studies (0619)

- Variable length course – variable credit
- Grades eligible: 11, 12
- Prerequisites:
 - Department approval
 - ◆ Arrange appointment with agriculture teacher
 - Grade of 'C-' or higher in Ag Science
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

The student may choose an area of interest in agriculture and develop their personalized course of study. Independent studies are for juniors and seniors who have had at least two years of agriculture. It is the student's responsibility to develop the goals and objectives of their independent study. A contract will be drawn up and meeting times designated during the first planning meeting between instructor and student. Students are responsible for their own progress and must fulfill their contract to receive credit. The FFA and outside agriculture department activities are integral, graded parts of the course.

Agriculture Projects (0612)

- Variable length course – variable credit
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Concurrent enrollment in an agriculture class
 - Department approval
 - ◆ Arrange appointment with agriculture teacher for approval
 - ◆ Grade of 'C-' or higher in Ag Science
- Counts toward the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

Students enrolled in an agriculture class may participate in Ag Projects. This class is designed to support a student raising livestock to show at the county fair or other shows approved by instructor. Breeding and year round projects must seek instructor approval. Students must maintain at least a 2.0 GPA and have a completed Ag Projects contract on file. A student may earn up to 10 credits per semester and credits are based on which species they raise as listed below:

Species Maximum Credits per Semester

Horse	5 – fall and spring semester
Beef	5 – fall and spring semester
Goat	5 – spring semester only
Lamb	5 – spring semester only
Hog	5 – spring semester only
Turkeys*	3 – spring semester only
Chickens*	3 – spring semester only
Rabbits*	3 – spring semester only

* Total number of credits earned is not dependant on number of animals of these species raised. (Two rabbits receive the same amount of credit as one rabbit).

**Please refer to chart below for
Half Moon Bay High School's
Agriculture Curricular Pathways**

**Referring to this chart will be helpful in
integrating agriculture courses
into your four-year plan.**

Half Moon Bay High School Agriculture Curricular Pathways

<i>Option</i>	<i>Freshmen</i>	<i>Sophomores</i>	<i>Juniors</i>	<i>Seniors</i>
*1	<u>Ag/Env Science</u> -concurrent enrollment in Algebra I or higher -meets Life Science graduation req't	<u>Ag Biology</u> - C- or better in Ag/Env Science - at least concurrent enrollment in Geometry - meets Life Science graduation req't - D Level CSU/UC Admissions	<u>Ag Chemistry</u> - C- or better in Ag Biology and Geometry - meets Physical Science graduation req't - D level CSU/UC admissions	<u>Ag Econ/Government</u> - C- or better in any Ag course - meets Econ/Govt graduation req't - A/G level CSU/UC admissions
2	<u>No Science</u> -taking Algebra I	<u>Ag Biology</u> - at least concurrent enrollment in Geometry - meets Life Science graduation req't - D Level CSU/UC Admissions	<u>Ag Chemistry</u> - C- or better in Ag Biology and Geometry - meets Physical Science graduation req't - D level CSU/UC admissions	<u>Ag Econ/Government</u> - C- or better in any Ag course -meets Econ/Gov graduation req't - A/G level CSU/UC admissions
3	<u>No Science</u> - taking Algebra 1 or Algebra Readiness	<u>Ag/Env Science</u> - concurrent enrollment in Algebra I or higher -meets Life Science graduation req't	<u>Ag Biology</u> - C- or better in Ag/Env Science - at least concurrent enrollment in Geometry - meets Life Science graduation req't - D Level CSU/UC Admissions	<u>Ag Chemistry</u> - C- or better in Ag Biology and Geometry - meets Physical Science graduation req't - D level CSU/UC admissions

***Option 1 is recommended for full participation in the Agriculture Program**

ART

Art I (0550)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - \$45 material donation is requested
- Meets the graduation requirement for Fine Art credit
- Counts toward UC/CSU A-G requirement 'F' (Visual and Performing Arts)

Art I is an introductory course for the beginning art student. This comprehensive course covers a wide variety of experiences ranging from drawing and painting to ceramics, printmaking and art history. The course also provides students with an appreciation and understanding of art. Basic design concepts are included in all activities. Mastery of drawing and painting skills are stressed. The year is divided as follows:

1st Semester: drawing in pencil, pen and ink, color theory and painting.

2nd Semester: ceramics and sculpture, design and composition, printmaking, portrait drawing.

Art II (0552)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - \$50 material donation is requested
 - Current art teacher approval
 - Department approval
 - ◆ Spring review of students who have signed up to confirm semester 'C' grade
 - Grade of 'C' or higher in Art I
 - Students who think they have attained all Art I skills at a 'C' level or higher may submit a portfolio for review by the Art II teacher. Appointments are required if portfolio submittal is requested.
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'F' (Visual or Performing Arts)

Art II continues the study of art on a more advanced level, with a greater emphasis on skill acquisition, self-expression, and problem solving. Written tests, art history, outside

writing, and weekly sketches outside of class are required.

1st semester: working from observation is stressed more in Art II and includes perspective, drawing, painting, mask making, calendar art in pen and ink, charcoal and colored pencil. Studies include landscape and still life, as well as expressive and personal work.

2nd semester: painting in watercolor, graphic design and pastel arts.

Art III (0556)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - \$55 material donation is requested
 - Current art teacher approval
 - Department approval
 - ◆ Spring review of students who have signed up to confirm semester 'C' grade
 - ◆ Appointments are required if portfolio submittal is requested
 - Grade of 'C' or higher in Art II
- Meets the graduation requirement for Fine Art credit
- Counts toward UC/CSU A-G requirement 'F' (Visual or Performing Arts)

Art III continues where Art II ends. The emphasis of the program is to have students understand there is "art after high school." While the curriculum offers more freedom to explore individual interests, the focus is working from observation. Specifically integrated are the elements of art and the principles of design. A sketchbook and/or altered book is required with visits to museums, galleries, or art lectures as part of student study. Art history is used as a means of understanding styles, techniques, and major artists and their importance in the world.

1st Semester: Continued figure drawing, working from observation, still life, drawing on site, and composition throughout the semester are key. Charcoal, cut paper, ink, embossing, and paint are just a few of the mediums used.

2nd Semester: Emphasis is on graphics and acrylic painting, and working from observation.

Art IV (0558)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - \$65 material donation is requested

- Current art teacher approval
- Department approval
 - ◆ Spring review of students who have signed up to confirm semester ‘C’ grade
 - ◆ Appointments are required if portfolio submittal is requested
- Grade of ‘C’ or higher in Art III
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘F’ (Visual or Performing Arts)

Art IV students accept a more self-directed challenge. Students follow the same assignments as the AP class without the pressure of the portfolio submittal.

AP Art History (0573)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Current English teacher approval
 - AP Art History teacher approval
 - Grade of ‘B’ or higher in 10th grade English
- Counts toward the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘F’ (Visual or Performing Arts)
-

Advanced Placement Art History is designed to introduce students to painting, sculpture, and architecture that compose the history of Western art, as well as a brief overview of some of the key components of art beyond the European tradition.

The curriculum is aligned with the College Board course description and with the information in most college survey texts. In order to be successful in this course and on the AP Art History exam, students will need to demonstrate a high degree of commitment to academic work and possess academic skills that meet college standards. In order to chronologically cover art from the prehistoric times through the present day, the course is paced very quickly.

An interest in history is encouraged and no prior experience in studio art is required. All students will be expected to take the AP Art History exam in May and if a qualifying score is earned, college placement and/or credit may be awarded.

AP Studio Art & Drawing Drawing (0569)

2-Design (0560) **3-Design (0561)**

- Year long course – 10 credits
- Grades eligible: 12
- Prerequisites:
 - \$65 material donation is requested
 - Current art teacher approval
 - Grade of ‘B’ or higher in Art III
 - Breadth portfolio submission
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘F’ (Visual or Performing Arts)

Advanced Placement Art is a college level course in the visual arts. Students who successfully complete the requirements can request credit from the college or university they will attend. Credit may be awarded once the AP Portfolio has been submitted and reviewed by the AP College Board.

Portfolios are the top priority with 24-28 pieces completed by the submission date in May of each year. Emphasis is placed on direct observation, application of elements and principles, and the development of a body of work called “concentration,” that is based on student choice. Commitment to 10 hours of work per week is understood. Mandatory summer assignments are due the first day of class in order to remain in the program.

Sculpture I (0564)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - \$45 material donation is requested
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘F’ (Visual or Performing Arts)

Sculpture I is an introductory course that presents a variety of sculpture materials and methods. Projects range from ceramics, to paper mache constructions, to puppet and wire projects. The focus of the course is to support each student’s artistic voice while teaching specific material handling techniques.

The goal of the class is primarily to instill in each student the confidence, desire, and material handling ability to express their beliefs, voice their understanding, and relate their ideals in sculptural materials.

Sculpture II (0567)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - \$50 material donation is requested
 - Current sculpture teacher approval
 - Departmental approval
 - ◆ Spring review of students who have signed up to confirm semester ‘C’ grade
 - Grade of ‘C’ or higher in Sculpture I
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘F’ (Visual and Performing Arts)

Sculpture II is an advanced art course for students who have completed Sculpture I or Art I with a ‘C’ or higher and who would like to continue their artistic development. Students will be asked to build upon and refine skills learned in Sculpture I while developing new ways to express themselves. In addition to the creation of sculpture, students will develop writing and critical thinking skills through individual and class wide critiques. Students will develop drawing skills through the development of a sketchbook, and students will investigate art history through PowerPoint slide shows, selected reading, occasional DVD film clips and museum visits.

This course will begin with an in-depth sequence of ceramic lessons including but not limited to slump molding, hand buildings, and various decorative techniques. During the first semester, students will learn about single side mold making. Students will be introduced to stone carving, and they will begin to develop a personal vocabulary of sculptural symbols to use as a basis for conceptual based projects that are introduced the second semester.

ENGLISH

English I (0107)

- Year long course – 10 credits
- Grades eligible: 9 (normally), 10, 11, 12
- Prerequisites:
 - None
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English)

Students will carefully evaluate poetry, novels, plays, non-fiction, and short stories. Also, they will gain and utilize technology skills in conjunction with the curriculum. The focus of this course is building students’ skills as critical thinkers, readers and writers. Ultimately, students will be provided with a foundation of English skills preparing them for further high school and post secondary studies. This course will prepare students for the CAHSEE.

English I – Advanced (0106)

- Year long course – 10 credits
- Grades eligible: 9
- Prerequisites:
 - Current English teacher approval
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English)

The advanced strand is for students who like the extra challenge and/or who are interested in enrolling in Advanced English II during the 10th grade year. While covering the same coursework as the English I class, it will require additional coursework that is more rigorous and demanding. Students will be expected to perform a greater volume of work, move at a faster pace, and to engage in more analytical thinking.

English II (0122)

Literature/World Literature

- Year long course – 10 credits
- Grades eligible: 10 (normally), 11, 12
- Prerequisites:
 - None
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English)

This course is designed to introduce students to world literature. The emphasis will be on classical literature and other texts that correspond to World History and Civilization curriculum in the Social Studies Department. An emphasis will be placed on expository writing, vocabulary building, grammar, and public speaking. This course will continue to prepare students for the CAHSEE.

English II - Advanced (0121)
Literature/World Literature

- Year long course – 10 credits
- Grades eligible: 10
- Prerequisites:
 - Departmental approval based on:
 - ◆ Grades: an A or B in advanced/honors/AP or an A in college prep English
 - ◆ 4 or 5 score on the current CST
 - ◆ Passing score on second quarter departmental benchmark writing assessment
 - ◆ Current teacher recommendation
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English)

This course is for students who would like the extra challenge and/or who are interested in enrolling in Honors English III during the 11th grade year. While covering the same curriculum as the English II class, it will require additional coursework that is more rigorous and demanding. Students will be expected to perform a greater volume of work, move at a faster pace, and to engage in more analytical thinking.

English III (0132)
United States Literature

- Year long course – 10 credits
- Grades eligible: 11 (normally), 12
- Prerequisites:
 - None
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English)

This course is designed to introduce students to cultural and literary developments in United States from the pre-colonial period through the twentieth-century. This will involve the study of major developments in poetry, short stories, plays, and novels. Continued emphasis will be placed upon composition, vocabulary development, public speaking, and research skills. This course will begin to prepare students for the SAT.

AP English Language and Composition
(0148)

- Year long course – 10 credits
- Grades eligible: 11
- Prerequisites:
 - Departmental approval based on:
 - ◆ Grades: an A or B in advanced/honors/AP or an A in college prep English
 - ◆ 4 or 5 score on current CST
 - ◆ Passing score on second quarter departmental benchmark writing assessment
 - ◆ Current teacher recommendation
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English) *pending approval

This course requires students to practice writing and revising prose that informs and persuades effectively, based on a study of classical and modern rhetorical principles. Students will read a wide variety of prose styles from many disciplines and historical periods to cultivate a strong understanding of audience and purpose. Students will read primary and secondary sources carefully, learn to synthesize material from these texts in their own compositions, and to cite sources using conventions recommended by professional organizations such as the Modern Language Association (MLA) and the University of Chicago Press (*The Chicago Manual of Style*). This course is designed to prepare students for the AP English Language and Composition exam and to provide an academic experience similar to the college level.

English IV (0142)
World Literature and Composition

- Year long course – 10 credits
- Grades eligible: 12
- Prerequisites:
 - None
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English)

Students will study socio-political themes in literature from British and multi-cultural sources, with an emphasis on the 20th century. There will be continued instruction in expository composition and public speaking, as well as further preparation for post-secondary

education planning (SAT, personal statements, etc.). The students will complete a Senior Exit Project. This course will prepare students who intend to go on to a 2 or 4 year college.

AP English Literature and Composition (0147)

- Year long course – 10 credits
- Grades eligible: 12
- Prerequisites:
 - Departmental approval based on:
 - ◆ Grades: an A or B in advanced/honors/AP or an A in college prep English
 - ◆ 4 or 5 score on current CST
 - ◆ Passing score on second quarter departmental benchmark writing assessment
 - ◆ Current teacher recommendation
- Meets the graduation requirement for English credit
- Meets the UC/CSU A-G requirement ‘B’ (English)

This course is intended for students who want to be challenged by literature and who plan to attend a four-year university. This course will include close reading and in-depth analysis of major world literature, both classical and modern. Emphasis is placed on analytical writing as well as participation in class discussions. Time will be spent preparing for college entrance requirements (SAT, personal statements, etc.) and the Advanced Placement test. Students who earn a passing grade on the Advanced Placement exam will be eligible for college credit

ELD English Language Development

ELD classes are open to students classified as English Language Learners (ELL), as defined by the State Department of Education.

ELD I (0869/0857/0858) English Language Development

- Year long course – 30 credits (3 period block)
- Grades eligible: 9, 10, 11, 12
- Prerequisites:

- Current teacher recommendation
- Departmental approval
 - ◆ Identified ELL; placement determined by CELDT and placement test
- Meets the graduation requirement for English (10 credits) AND Elective (20 credits)
- Does not meet a UC/CSU A-G requirement

This class is open to non-English speaking students and to those with very limited English proficiency. The course begins with basic communication and language survival skills. It then progresses to focus on English, grammar, reading, and writing. Upon completion of this course, students should have a command of survival English language skills, the most important verb tenses, grammar basics and simple reading and writing ability.

ELD II (0853/0855/0854) English Language Development

- Year long course – 30 credits (3 period block)
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Current teacher recommendation
 - Departmental approval
 - ◆ Identified ELL; placement determined by CELDT
- Meets the graduation requirement for English (10 credits) AND Elective (20 credits)
- Does not meet a UC/CSU A-G requirement

This class is open to ELL students who have successfully completed ELD I and/or who have assessed to have intermediate proficiency as determined by the CELDT and/or other test. In this class, students will continue their study of English language communication skills. There is a focus on reading and writing as well as grammar and oral language development. Upon completion of this course, students will have command of spoken English as well as many of the skills they need to read and write.

ELD III (0861/0864) English Language Development

- Year long course – 20 credits (2 period block)
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Current teacher recommendation

- Departmental approval
 - ◆ Identified ELL, placement determined by CELDT
- Meets the graduation requirement for English (10 credits) AND Elective (10 credits)
- The UC/CSU systems will accept one year of ELD III toward the ‘B’ requirement (English) **pending approval.*

This class continues to develop conversational and written English skills. It emphasizes vocabulary development and comprehension through reading and writing. Students will examine and produce many different types of written expressions. They will also study more advanced grammatical structures. Upon completion of this course, students should have many of the reading and writing skills they need to be successful in their mainstream classes.

ELD - Strategic Academic Support (0845)

- Variable credit course – 5 credits per semester
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CST and CAHSEE scores and current academic grades
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

This course is designed to support English Learners in preparing for the CAHSEE (California High School Exit Exam) by providing them with explicit vocabulary instruction. Emphasis will be placed on high-incidence academic words that are vital to improving academic performance. Support will also be given to students for their content area courses and students will be guided in ways to improve study skills such as note taking and organization.

The following SDAIE courses are available to students classified as English Language Learners (ELL), as defined by the State Department of Education.

SDAIE stands for Specially-Designed Academic-Instruction in English. SDAIE classes are taught using special techniques and strategies designed to assist non-native English speakers in both

language-acquisition and subject-matter without altering the content standards.

English I - SDAIE (0108)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English)

Taught using SDAIE strategies, students will carefully evaluate poetry, novels, plays, non-fiction, and short stories. Also, they will gain and utilize technology skills in conjunction with the curriculum. The focus of this course is building students’ skills as critical thinkers, readers and writers. Ultimately, students will be provided with a foundation of English skills preparing them for further high school and post secondary studies. This course will prepare students for the CAHSEE.

English II - SDAIE (0126)

Literature/World Literature

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
- Meets the graduation requirement for English credit
- Counts toward UC/CSU A-G requirement ‘B’ (English) **pending approval*

Taught using SDAIE strategies, this course is designed to introduce students to world literature. The emphasis will be on classical literature and other texts that correspond to World History and Civilization curriculum in the Social Studies Department. An emphasis will be placed on expository writing, vocabulary building, grammar, and public speaking. This course will continue to prepare students for the CAHSEE.

Algebra Readiness - SDAIE (0301)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
- Meets the graduation requirement for Math
- Does not meet a UC/CSU A-G requirement

Taught using SDAIE strategies, this year-long course is designed to prepare students for their first year of Algebra. Areas of emphasis will include a review of the fundamental operations of arithmetic and basic concepts of rational numbers in both fractional and decimal form. In addition, students will learn to solve first-degree equations, perform operations on polynomials, graph first-degree equations, and apply these skills to problem solving.

Algebra I - SDAIE (0324)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
 - Current math teacher approval
 - Grade of 'C- {70%}' or higher in Algebra Readiness
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement 'C' (Mathematics)

Taught using SDAIE strategies, this course emphasizes algebraic language, structure, concepts and skills. Major topics include algebraic properties and the real number system, functions and their graphs, linear equations and inequalities, systems of linear equations and inequalities, polynomials and factoring, quadratic functions, and rational expressions and equations.

Geometry - SDAIE (0334)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
 - Current math teacher approval

- Grade of 'C- {70%}' or higher in Algebra I.
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement 'C' (Mathematics) *pending approval*

Taught using SDAIE strategies, this is a primary course in plane Euclidian geometry. The purpose is to develop geometric skills and concepts and the ability to construct formal logical arguments and proofs in a geometric setting. Topics include reasoning and proof, perpendicular and parallel lines, congruent and similar triangles, properties of quadrilaterals, area of polygons and circles, volume and surface area of space figures, transformations, right triangles and trigonometry. Time will be spent showing the connections between algebra and geometry. The students will work with constructions and geometrical software to help them develop geometric intuition.

Earth Science – SDAIE (0426)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
 - At least concurrent enrollment in Algebra I
- Meets the graduation requirement for Physical Science
- Counts towards UC/CSU A-G requirement 'G' (College prep elective) *pending approval*

Taught using SDAIE strategies, this course is designed primarily for freshmen and sophomore students who wish to take a science course and improve their science skills in preparation for more advanced science coursework. This course is also appropriate for older students who need to complete their graduation requirement for Physical Science credit. This course includes topics in Astronomy, Cosmology, Geology, Paleontology, Natural Resources, Oceanography, Meteorology and Climate. Upon successful completion of this course, students will gain a deeper understanding and appreciation of the physical world in which they live.

Students will participate in laboratory experiments and activities in which they ask questions, develop hypotheses, collect data and

draw conclusions. They will also construct and analyze models of natural phenomena. Other activities include learning how to take notes from lectures, keeping a notebook and participation in class discussions.

Biology - SDAIE (0431)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
 - At least concurrent enrollment in Geometry
- Meets the graduation requirement for Life Science credit
- Counts toward UC/CSU A-G requirement ‘D’ (Laboratory Science) **pending approval*

Taught using SDAIE strategies, Biology - SDAIE employs an ‘inquiry approach’ to learning. Students are expected to seek answers by hypothesizing, experimenting, collecting data, drawing conclusions, and suggesting further questions. Other activities require attendance in lectures, keeping a notebook participation in discussion and labs.

Some of the topics we will study are: history of biology, methods of biology, basic cell structures and functions, plant and animal physiology and anatomy, evolution, genetics/biotechnology, classifications of organisms and the relationship of an organism to its environment.

Freshman Social Studies - SDAIE (0205) State Requirements and World Studies

Freshman State Requirements

- One semester course – 5 credits
- Grades eligible: 9 (normally), 10, 11, 12
 - Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
 - Meets one semester of the two semester graduation requirement for Freshman Social Studies
 - Does not meet a UC/CSU A-G requirement

In this first semester orientation course of Freshman Social Studies taught using SDAIE strategies, students will develop academic skills needed throughout high school and beyond, including organization, note taking, homework

habits, test-taking skills, and reflective and academic writing techniques. The course also will emphasize computer research and presentation skills. Students will receive state-mandated instruction in the following areas: Alcohol, Tobacco and Drug Abuse Prevention and Human Sexuality. In addition students will explore the topics of bullying (including cyber-bullying), violence prevention, diversity and tolerance. Media Literacy techniques will be used to analyze and present work on these issues. Driver Education (written only) will take place at the end of the semester. However, students may only get their Provisional Permit after they turn 15 ½ years old, have completed and passed this section of the class and register to take Driver Training (not offered at HMBHS).

This course fulfills one semester of the two semester graduation requirements for 9th grade Social Studies.

World Studies

- One semester course – 5 credits
- Grades eligible: 9 (normally), 10, 11, 12
 - Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
 - Meets one semester of the two semester graduation requirement for Freshman Social Studies
 - Counts toward UC/CSU A-G requirement ‘A’ (History)

In this second semester of Freshman Social Studies taught using SDAIE strategies, World Studies continues the development of the academic and computer research and presentation skills begun in the first. This course is designed to provide a foundation in the fundamentals needed for success in 10th grade Modern World History, and is aligned to Grade 10 Content Standards. The course integrates the study of world geography and history beginning with Classical Europe, with an emphasis on democracy and the rule of law, and their connection to the development of the US constitution. Geographic regions covered also include Africa, Asia and the Middle East, concentrating on imperialism, the rise of new nations, and modern conflicts and issues.

This course fulfills one semester of the two semester graduation requirements for 9th grade Social Studies.

World History - SDAIE (0211)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
- Meets graduation requirement for World Studies/Culture
- Counts toward UC/CSU A-G requirement ‘A’ (History)

Taught using SDAIE strategies, World History - SDAIE is a required one-year course that examines the rise of democratic ideals in western civilization and then surveys the major trends and turning points in 19th and 20th century world history. Major units in the course include: the Enlightenment, Nationalism, Imperialism, the Industrial Revolution, World War I, World War II and the Cold War. Students will further develop their academic abilities including the following: good study habits, research and writing skills, and the ability to make connections between ideas and actions.

United States History - SDAIE (0222)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
- Meets graduation requirement for U.S. History credit
- Counts toward UC/CSU A-G requirement ‘A’ (History)

Taught using SDAIE strategies, United States History - SDAIE is a required one-year course that begins with a brief review of early American history and proceeds to the post-Civil War era and the 20th century. Major units will address: the frontier and western settlement, immigration and industrialization, the Progressive Era, Imperialism and WWI, the 1920’s and the Great Depression, World War II, the Cold War, the civil rights movement, and social change in the post-Vietnam War era. Students are expected to produce clear and effective writing in a variety of forms, facility

with project presentations, and demonstrate research skills, including reading comprehension, communication, and listening skills.

American Government/Economics – SDAIE (0231)

- Year long course – 10 credits
- Grades eligible: 12
- Prerequisites:
 - Identified ELL
 - Placement determined by CELDT or other standardized exam
- Meets graduation requirement for American Gov/Econ credit
- Counts toward UC/CSU A-G requirement ‘A’ (History), for one semester and ‘G’ (College prep elective) for one semester

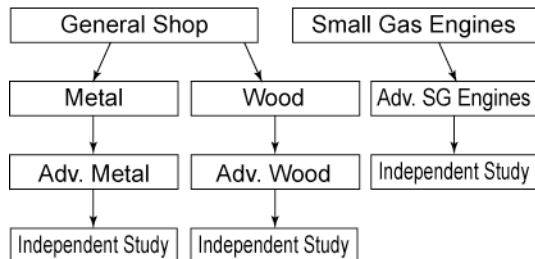
Taught using SDAIE strategies, one semester will focus on the basic structure of and operation of our federal government, as well as an awareness of contemporary issues as they develop. The other semester deals with economics and will explore the following areas: 1) an understanding of the role of the economist, 2) an understanding of the structure and function of the American economic system, and 3) an appreciation of how economic principles apply to individuals in a society. This course may include additional economics curricula approved by the Social Studies Department. Community Service Learning has been included in the curriculum. An alternative assignment will be given to any student who desires this instead of service. *For more information about Community Service, please see page 39.*

INDUSTRIAL ARTS

Industrial Arts is a part of general education, and, as such, the program has been organized with the entire student body in mind. The curriculum is designed to help all students by providing them with a varied background in the use of tools, machines, and materials in the five areas of woodworking, metalworking, small gas engines, technical drawing, and welding. These courses are comprehensive and provide a pre-vocational background for those students who are considering entering the trades or related fields.

1. Students who have taken Advanced Woodworking and Metalworking may take it again for credit or they may take independent study.
2. Independent study classes must have instructors' approval.

Industrial Arts Classes



General Shop (0652)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - \$40 material donation is requested
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

In this course, students are introduced to three areas of industrial arts: technical drawing (9-12 weeks), basic woodworking (9-12 weeks), and basic metalworking (9-12 weeks). The drawing section teaches the proper methods of dimensioning and requires making three-view drawings. Woodworking emphasizes the proper use of hand tools and some of the basic machine operations. The metalworking segment teaches the student basic hand tool and machine operations.

Small Gas Engines (0656)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - \$40 material donation is requested
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

This course is designed to study the fundamental principles and theory of operation of small gas engines (4 cycle, 2 cycle, and rotary) and alternate sources of power. Special emphasis will be given to lubrication, fuel, carburetion, and exhaust systems. Practical experience in

disassembly, rebuilding, testing, troubleshooting, maintenance, and ordering of parts will constitute a major part of the program. A unit of alternate power sources, present and future, will be given along with these practical experiences.

Advanced Small Gas Engines (0657)

- Year long course – 10 credits
 - * This class may be taken for up to three years for repeat credit
 - Grades eligible: 10, 11, 12
 - Prerequisites:
 - Current industrial arts teacher approval
 - Grade of 'C-' or higher in Small Gas Engines
 - \$40 material donation is requested
 - Meets the graduation requirement for Elective credit
 - Does not meet a UC/CSU A-G requirement
- Advanced Small Gas Engines is an opportunity for students to apply the knowledge and expertise gained in other industrial arts classes toward the solution of practical problems which closely reflect everyday life experiences. The format for this course will be equivalent to that of a small business engaged in general repair and maintenance in the areas of small gas engines and metalworking (welding). Students will develop marketable skills equivalent to on-the-job training.

Upon the completion of this course, students will have a basic understanding in activities related to running a small business: advertising, record keeping, customer relations, estimating, ordering and stocking parts and materials and general hands on experience.

In addition, students who complete a task sheet and receive a grade of a 'B' or higher in this course will earn 4.5 units of college credit toward the Skyline College Automotive Program. The credit will be given upon the completion of 6 additional units from Skyline College, College of San Mateo, or Canada College.

Beginning Woodworking (0660)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - General Shop advised
 - \$40 material donation is requested
- Meets the graduation requirement for Elective credit

- Does not meet a UC/CSU A-G requirement

This course is divided into nine week segments which may overlap. The first nine weeks are very structured; students learn safety procedures for all of the equipment and are given instruction in all the basic operations that can be performed on the woodworking machinery and on the power tools. During this segment students must work on required projects that are designed to bring them into contact with specific operations, experiences, and problems.

The course content for the remainder of the year is determined by the individual student in conference with the teacher. It is mandatory for students to make a contract with the teacher every nine weeks and commit themselves to the completion of projects.

Advanced Woodworking (0663)

- Year long course – 10 credits
 - * This class may be taken for two years for repeat credit
- Grades eligible: 11, 12
- Prerequisites:
 - Current industrial arts teacher approval
 - Grade of 'C-' or higher in Beginning Woodworking
 - \$40 material donation is requested
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

Advanced Woodworking is a course that is divided into nine week segments that may overlap. The course content for each segment is determined by the individual student in conjunction with the teacher. It is mandatory for students to make a contract every nine weeks in which they commit themselves to explore and study certain areas of personal preference. There are no required projects; however, the students are expected to design and construct challenging projects which will tax their abilities and require that they use a variety of machine operations. It is expected that these projects will involve a more diverse application of the materials used in the shop and will provide an opportunity for advanced problem solving through the use of technical and mechanical knowledge gained in previous classes.

Beginning Metalworking (0658)

- Year long course – 10 credits

- Grades eligible: 10, 11, 12
- Prerequisites:
 - General Shop advised
 - \$40 material donation is requested
- Meets the graduation requirement for Elective credit
- Does not meet UC/CSU A-G requirements

Beginning Metalworking is a course that is divided into nine-week segments that may or may not overlap. The first nine weeks are very structured. Students learn the safety for all the equipment and hand tools. Next, instruction is given on the basic operations that can be performed on the metalworking machinery and power tools. The emphasis then switches to welding. For the rest of the nine-week period, and usually well into the second nine weeks, students learn the basics of arc and gas welding. For the rest of the semester, students must work on required projects that are designed to bring them into contact with specific operations, problems, and experiences.

The individual student, in conjunction with the teacher, determines the course for the second semester. It is mandatory that the students commit to explore areas of personal interest and challenge their skill level. By the end of the year, students will have a basic understanding of gas welding, arc welding, forging, sheet metal, wrought iron and bench work.

Advanced Metalworking (0664)

- Year long course – 10 credits
 - This class may be taken for two years for repeat credit
- Grades eligible: 11, 12
- Prerequisites:
 - Current industrial arts teacher approval
 - Grade of 'C-' or higher in Beginning Metalworking
 - \$40 material donation is requested
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

This course is also divided into nine week segments that may or may not overlap. The course content for each nine week period is determined by the individual student in conjunction with the teacher. It is mandatory for students to make a contract every nine weeks in which they commit themselves to explore and study certain areas of personal preference. There are no required projects; however, students are expected to design and construct challenging

projects which will tax their abilities and require that they use a variety of machine operations. It is also expected that these projects will involve a more diverse application of the materials used in the shop and will provide an opportunity for advanced problem solving through the use of technical and mechanical knowledge gained in previous classes.

Independent Study Industrial Arts (0666)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Departmental approval
 - ◆ Must meet with instructor
 - Grade of ‘C-’ or higher in either Advanced Woodworking, Advanced Metalworking, or Advanced Small Gas Engines
 - \$40 material donation is requested
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

MATHEMATICS

Parents and students should understand the purpose of each offering in mathematics and choose a course according to ability, needs, and future plans. Test scores and grades in previous classes will be used to help determine placement.

To obtain maximum benefits from the high school program, the high school counselors in conjunction with the current math teacher, will help parents and students interpret test scores and will recommend proper placement of students.

Please refer to the following chart for Half Moon Bay High School’s Mathematics Curricular Pathways. Referring to this chart will be helpful in integrating math courses and requirements into your four-year plan.

Half Moon Bay High School’s current graduation requirement is three years of mathematics; however, we recommend that you take four years of math.

Half Moon Bay High School Mathematics Curricular Pathways

Option	Freshmen	Sophomores	Juniors	Seniors
1	Algebra 1	Geometry	Algebra 2	Pre-calculus and/or AP Statistics
2	Geometry	Algebra 2	Pre-calculus and/or AP Statistics	AP Calculus and/or AP Statistics
3	Advanced Geometry	Advanced Algebra 2	Pre-calculus and/or AP Statistics	AP Calculus and/or AP Statistics
4	Algebra Readiness	Algebra 1	Geometry	Algebra 2

Algebra Readiness (0310)

- Year long course – 10 credits
- Grades eligible: 9
- Prerequisites:
 - None
- Meets the graduation requirement for Math
- Does not meet a UC/CSU A-G requirement

This year-long course is designed to prepare students for their first year of Algebra. Areas of emphasis will include a review of the fundamental operations of arithmetic and basic concepts of rational numbers in both fractional and decimal form. In addition, students will learn to solve first-degree equations, perform operations on polynomials, graph first-degree equations, and apply these skills to problem solving.

Algebra I (0320)

- Year long course – 10 credits
- Grades eligible: 9, 10
- Prerequisites:
 - Current math teacher approval
 - Grade of ‘C-’ or higher in Algebra Readiness
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement ‘C’ (Mathematics)

This course emphasizes algebraic language, structure, concepts and skills. Major topics include algebraic properties and the real number system, functions and their graphs, linear equations and inequalities, systems of linear equations and inequalities, polynomials and factoring, quadratic functions, and rational expressions and equations.

Geometry (0330)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11
- Prerequisites:
 - Current math teacher approval
 - Grade of ‘C-’ or higher in Algebra I.
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement ‘C’ (Mathematics)

This is a primary course in plane Euclidian geometry. The purpose is to develop geometric skills and concepts and the ability to construct formal logical arguments and proofs in a geometric setting. Topics include reasoning and proof, perpendicular and parallel lines, congruent and similar triangles, properties of quadrilaterals, area of polygons and circles, volume and surface area of space figures, transformations, right triangles and trigonometry. Time will be spent showing the connections between algebra and geometry. The students will work with constructions and geometrical software to help them develop geometric intuition.

Advanced Geometry (0335)

- Year long course – 10 credits
- Grades eligible: 9, 10
- Prerequisites:
 - Current math teacher approval
 - Departmental approval
 - ◆ Grade of ‘A’ in Algebra I
- Meets the graduation requirement for Math credit
- UC/CSU A-G requirement ‘C’ (Mathematics)

Students develop logical reasoning skills and creative problem solving skills while discovering the fundamental concepts of Euclidean Geometry using technology and hands-on investigation. In addition to the topics listed in Geometry (0330), students will explore tessellations and non-Euclidean geometry.

Algebra II (0340)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Current math teacher approval
 - Grade of ‘C-’ or higher in Geometry
- Meets the graduation requirement for Math credit

- Counts toward UC/CSU A-G requirement ‘C’ (Mathematics)

This course expands on the mathematical content of Algebra I and Geometry. Many new concepts and techniques are introduced that will be basic to more advanced math courses. Topics include: absolute value, complex numbers, quadratic, polynomial and rational expressions and functions, exponential and logarithmic functions, arithmetic and geometric sequences and series, and probability and statistics. A TI-83/84 plus graphing calculator will be used in the class.

Advanced Algebra II (0345)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Current math teacher approval
 - CST Algebra score of 4 or 5
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement ‘C’ (Mathematics) *pending approval*

This course continues the students’ study of advanced algebraic concepts including functions, polynomials, rational expressions, systems of functions and inequalities, matrices. Major topics include absolute value, complex numbers, quadratic expressions and functions, arithmetic and geometric series and sequences, and probability and statistics. Students will also be introduced to conic sections and various trigonometry topics including the unit circle. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relations and use those representations to solve problems. Emphasis is placed on practical applications and modeling. Appropriate technology, from graphing calculators to application software, will be used regularly for instruction and assessment. A TI-83/84 plus graphing calculator will be used in the class.

Pre-Calculus (0359)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Current math teacher approval
 - Grade of ‘C’ or higher in Algebra II
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement ‘C’ (Mathematics)

This course prepares students for further study in mathematics and science. The students will develop a better understanding of mathematics as well as a solid foundation for calculus. The emphasis of this course is on the development and understanding of functions, trigonometry, parametric equations, polar coordinates, matrices, sequences and series, binomial theorem, mathematical induction and statistics.

AP Statistics (0362)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Current math teacher approval
 - Grade of ‘C’ or higher in Algebra II
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement ‘C’ (Mathematics)

Advanced Placement Statistics is a one year course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: describing patterns and departures from patterns. (2) Sampling and Experimentation: planning and conducting a study. (3) Anticipating Patterns: exploring random phenomena using probability and simulation. (4) Statistical Inference: estimating population parameters are testing hypotheses. This course covers the material usually found in an introductory college level statistics course. At the end of the courses students are highly encouraged to take the Advanced Placement exam in statistics.

AP Calculus (0360)

- Year long course – 10 credits
- Grades eligible: 12
- Prerequisites:
 - Current math teacher approval
 - Grade of ‘C’ or higher in Pre-Calculus
- Meets the graduation requirement for Math credit
- Counts toward UC/CSU A-G requirement ‘C’ (Mathematics)

AP Calculus parallels a college level course and includes the following topics: (1) elementary functions, limits, and continuity; (2) differentiation of algebraic and transcendental functions; (3) applications to motion, natural

growth, graphing, extreme, and related rates; (4) the definite integral, fundamental theorem of calculus and techniques of integration; (5) applications to area, volume, and arc length; and (6) sequences, series, and elementary differential equations. College credit is available upon passing scores on the advanced placement test.

MUSIC

Instrumental Music I (0583) **Concert Band**

- Year Long Course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - \$50 material/maintenance donation is requested
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘F’ (Fine Arts)

Concert Band is open to all students with some instrumental proficiency. All incoming freshmen will be placed in Concert Band if band is selected at time of registration. History and elements of music and style will be discussed during rehearsals as appropriate. The Concert Band performances include festivals, public concerts, and assemblies. Concert Band may be repeated for credit.

Instrumental Music (0579) **Wind Ensemble/Marching Band**

- Year Long Course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Must pass audition
 - \$300 material/maintenance donation is requested
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘F’ (Fine Arts)

Participation in all performances (including those on weekends); marching is mandatory. Participation in August band camp is required. The Cougar Marching Band/Wind Ensemble is open to advanced-level instrumentalists by audition. All students are expected to march.

History and elements of music and style will be discussed during rehearsals as appropriate. Cougar Marching Band/Wind Ensemble performances include football games halftime shows, competition parades and festivals, public concerts, and assemblies. Instrumental Music may be repeated for credit.

Jazz Ensemble (0577)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Current music teacher approval
 - Department approval
 - ◆ Audition required
 - Concurrent enrollment in another music performance class
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'F' (Fine Arts)

Participation in performances is required. History and elements of jazz music will be discussed during rehearsals as appropriate. The jazz band performances include public concerts, festivals, and assemblies. Jazz band may be repeated for credit.

Chorus (0580)

- Year long course – 10 credits
- Grades eligible: 9, 10
- Prerequisites:
 - \$50 material/maintenance donation is requested
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'F' (Fine Arts)

Participation in performances is required. Chorus is for all students who wish to study music by singing. Students will learn to read music and rhythms while developing vocal technique. A wide variety of musical styles and forms will be studied. The Concert Choir performances include public concerts, festivals, and assemblies. Pianists are encouraged to enroll as accompanists. Chorus may be repeated for credit.

Chorale (0582)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:

- Audition required and teacher signature required – Auditions in Room F5 at lunch 1/13 & 1/14
- \$150 material/maintenance donation is requested
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'F' (Fine Arts)

Participation in performances is required. Students will be exposed to more advanced vocal techniques. A wide variety of musical styles and forms will be studied. The chorale performances include public concerts, festivals, and assemblies. Pianists are encouraged to enroll as accompanists. Chorale may be repeated for credit.

PHYSICAL EDUCATION

All Freshmen and Sophomores are **REQUIRED** to be enrolled in one of the following P.E. classes (unless medically excused).

All Core P.E. Classes

Proper Gym Attire

Proper gym attire is required of every student; it includes a change of clothing for health, supervision and safety reasons. Proper attire consists of:

- gym shorts: black or gray
- gym T- shirt: All students in Core 1-2 and Core 3-4 have the following uniform options: A HMB Physical Education regulation T-Shirt, which can be purchased at registration/schedule pick-up, in August, **OR** a blank, solid orange T-Shirt (free from prints, stripes, brands, logos other than HMBHS, etc.).
- tennis/athletic shoes
 - Sweat clothes are optional
 - *Black, white, or gray hoods are acceptable if plain on front and back.
 - *Anything with HMBHS Cougars or team sweatshirts also acceptable.

Lockers

Lockers will be assigned in the P.E. class. Student must buy a lock from P.E. teacher for \$5.00, or bring own dial combo lock. No Keys.

Core P.E. Program

Core 1-2: Grade 9 (0813)

Core 3-4: Grade 10 (0814)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Must have a passing grade (D or better) in Core 1-2 to advance to Core 3-4
- Meets graduation requirement for Physical Education credit
- Does not meet a UC/CSU A-G requirement

The P.E. Core Program is a **mandatory two-year program** in which students are introduced to various sports and activities with emphasis placed on skills, fitness, techniques, and fundamentals. Students must pass the both Core P.E. classes before graduation is possible. Safety and care of athletic equipment are also stressed. Semester physical performance tests are administered. In addition to the above, students will also show competency in the activity through written and verbal assessment. Activities include but not limited to: softball, basketball, touch football, weight training, tennis, volleyball, field hockey, wrestling, swimming, aerobics, running and badminton.

Core P.E. – Zero Period

(“Early Bird” P.E.)

Core 1-2: Grade 9 (0811)

Core 3-4: Grade 10 (0812)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Must have a passing grade (D or better) in Core 1-2 to advance to Core 3-4
 - Students are responsible for transportation
 - Students must make a 2-semester commitment to regular and punctual attendance
 - Students must be enrolled in 6 additional classes
- Meets graduation requirement for Physical Education.
- Does not meet a UC/CSU A-G requirement

Class begins at 6:40 am. This class allows students to build an additional course into their daily schedules. Attendance is crucial, as there is limited opportunity for make-ups.

Please Note: Space in this class is extremely limited. Priority will be given to 11th and 12th graders requiring PE for graduation. Other

students should have an alternate plan in the event that they are not awarded a space.

Elective P.E. “Athletic” (0803)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Average semester grade of ‘B’ or higher in Core P.E.
 - ◆ Must successfully pass Core P.E. 1-2 and Core P.E. 3-4
 - Signature of approval by course instructor
- Meets graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

The PE elective program, “Athletic Focus”, will consist of resistance training, core development, upper/lower body plyometrics and cardiovascular conditioning. This program is geared to the next level of physical education after the core PE program, focusing on strength, power, speed, explosion, flexibility and agility. Competitive activities include: volleyball, flashball, dodgeball, badminton, basketball and softball.

Independent Study P.E. (0815)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Department Head signature required
 - Must complete application packet and meet criteria for IS PE –Administrative Regulation No. 6158.1
 - Application must be completed and submitted with your course requests prior to the school year the student is applying for IS P.E.
 - Must attend/pass fitness test in the spring prior to the school year student is applying for IS P.E.
 - ◆ Fitness test will be held in the HMBHS gym, **Wednesday, April 6, 2011** from **3:30-5:00pm**. There will be no make-ups for this mandatory test.
 - Administrative approval required
- Meets graduation requirement for Physical Education or Elective credit
- Does not meet UC/CSU A-G requirements

To be eligible to enroll in **IS P.E. Type A**, several criteria must be met including ongoing

participation in a competitive activity for at least three years, a certified instructor, and at least 400 minutes of activity per 10 school days.

Students may meet these requirements through an off-campus activity or by competing in on-campus sports for all three seasons of the given school year.

IS P.E. Type B “Athletic PE” requires successful completion of three high school offered, CIF-CCS sanctioned, sports. 10 credits are earned at the completion of the third season on a pass/fail basis. There is no partial, or by semester, credit granted. Please contact the HMBHS Athletic Director or your counselor for further information.

PUBLICATIONS

Publications: Journalism & Literary Journal (0190)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Grade of ‘B’ or higher in English or History
- Meets graduation requirement for Elective credit
- Counts toward UC/CSU A-G requirement ‘G’ (College Prep Elective) **pending approval*

Students will learn and practice writing skills and desktop publishing skills as they produce either the monthly school newspaper or the annual school literary journal. Students working on the newspaper will learn the fundamentals of journalism (researching and writing news and feature stories, layout, advertising, etc.). Students working on the literary journal will improve their creative writing skills while also learning the business aspects of producing a journal (layout, advertising, fundraising, etc.).

Yearbook (0182)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Yearbook teacher approval
 - Grade of ‘B’ or higher in English
 - Essay and application required
- Meets graduation requirement for Elective credit

Students produce, design, layout, write, organize, illustrate, and photograph a 208 page yearbook. This book effectively compresses the memories of over 1000 students and staff in a creative and individual fashion. It represents as many types of people and activities as possible and makes people feel good about each other. Participation in the yearbook demands responsibility, talent, time, the ability to work well with others, organizational skills, and the ability to meet deadlines. Many students focus on one major facet of production such as photography, layout and design, writing and reporting, or computer design. Computer experience is very helpful, as the layouts and designs will all be done on the computer. The instructor considers a limited selection of students.

SCIENCE

Please refer to the following chart for Half Moon Bay High School’s Science Curricular Pathways.

This chart will be helpful in integrating science courses and requirements into your four-year plan.

Half Moon Bay High School Science Curricular Pathways

Option	Freshmen	Sophomores	Juniors	Seniors
1	Earth Science G Level* -Concurrent with Algebra 1	Biology D Level* -Passed Earth Science with C or better -Concurrent with Geometry	Chemistry D Level* -Passed Biology with C or better -Concurrent with Algebra II	Physics, AP Biology, or Marine Ecology D Level* -Passed Chemistry
2	Biology D Level* -Concurrent with Geometry	Chemistry D Level* -Passed Biology with C or better -Concurrent with Algebra II	Physics, AP Biology, or Marine Ecology D Level* -Passed Chemistry	Physics, AP Biology, or Marine Ecology D Level* -Passed Chemistry
3	No Science -taking Algebra 1 or Algebra Readiness	Earth Science G Level* -Concurrent with Algebra 1	Biology D Level* -Passed Earth Science with C or better -Concurrent with Geometry	Chemistry D Level* -Passed Biology with C or better -Concurrent with Algebra II

***D Level Courses** = Courses that fulfill the UC and CSU college admission requirements for a Laboratory Science course.
 ***G Level Courses** = Courses that fulfill the UC and CSU college admission requirements for a college prep Elective course.
For other courses meeting science graduation requirements see “Agriculture” on page 9.

Earth Science (0425)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - At least concurrent enrollment in Algebra I
- Meets the graduation requirement for Physical Science
- Counts towards UC/CSU A-G requirement ‘G’ (College Prep Elective)

This course is designed primarily for freshmen and sophomore students who wish to take a science course and improve their science skills in preparation for more advanced science coursework. This course is also appropriate for older students who need to complete their graduation requirement for Physical Science credit. This course includes topics in Astronomy, Cosmology, Geology, Paleontology, Natural Resources, Oceanography, Meteorology and Climate. Upon successful completion of this course, students will gain a deeper understanding and appreciation of the physical world in which they live.

Students will participate in laboratory experiments and activities in which they ask questions, develop hypotheses, collect data and draw conclusions. They will also construct and

analyze models of natural phenomena. Other activities include learning how to take notes from lectures, sketching, keeping a notebook and participating in class discussions.

Biology (0430)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - At least concurrent enrollment in Geometry
- Meets the graduation requirement for Life Science credit
- Counts toward UC/CSU A-G requirement ‘D’ (Laboratory Science)

Biology employs an ‘inquiry approach’ to learning. Students are expected to seek answers by hypothesizing, experimenting, collecting data, drawing conclusions, and suggesting further questions. Other activities require attendance in lectures, keeping a notebook and participation in discussion and labs.

Some of the topics we will study are: history of biology, methods of biology, basic cell structures and functions, plant and animal physiology and anatomy, evolution, genetics/biotechnology, classifications of organisms and the relationship of an organism to its environment.

Chemistry (0440)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Current science teacher approval
 - At least concurrent enrollment in Algebra II
- Meets the graduation requirement for Physical Science credit
- Counts toward UC/CSU A-G requirement ‘D’ (Laboratory Science)

Chemistry is fast becoming the foundation for the student’s first year science course at the college level and for career entry into the medical or technical fields. A mathematical brush-up is followed by a rigorous exposure to the fundamental concepts and principles of Chemistry. Laboratory experiences are central to the Chemistry course.

Physics (0450)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Current science teacher approval
 - At least concurrent enrollment in Algebra II
- Meets the graduation requirement for Physical Science credit
- Counts toward UC/CSU A-G requirement ‘D’ (Laboratory Science)

Physics is a mathematical approach to the study of matter and energy. The first semester deals with the mechanics of motion, forces, and gravity. The second semester will concentrate on energy; waves of sound and light, electricity and magnetism. Students should be prepared to work with a calculator and the fundamentals of graphing. Algebra and trigonometry are used in physics problem solving.

Marine Ecology (0412)

Intertidal Interpretation

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Priority given to seniors, based on science grades
 - Grade of ‘C-’ or higher in Biology and Chemistry
 - Current science teacher approval
- Meets the graduation requirement for Life Science credit
- Counts towards UC/CSU A-G requirement ‘G’ (College Prep Elective)

This course is an in-depth look at marine organisms as well as the physical, chemical, and geological characteristics of the earth’s oceans. Students will gain an understanding of the principles of marine ecology as well as the problems affecting marine ecosystems. Special emphasis will be placed on the local rocky intertidal, kelp forest, estuary, and sandy shore communities. Students will gain a strong background in the biology and natural history of marine invertebrates, fish, birds, mammals, and algae. This course will involve lectures, reading, discussion, field studies, laboratory experiments, and written work. Laboratory and field studies will emphasize experimentation, data collection and analysis that develop critical thinking and communication skills. Students will be expected to use knowledge gained in this course to lead groups of school children at the tide pools. This course will be offered during first period but zero period field trips will be required up to one day per week. An alternate schedule will be determined by instructor. This field work is an integral part of the course and cannot be replaced by in-class activities. Students will also participate in several full-day field trips each semester.

AP Biology (0432)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Grades of ‘C-’ or higher in Biology and Chemistry
 - Current science teacher approval
- Meets the graduation requirement for Life Science credit
- Counts toward UC/CSU A-G requirement ‘D’ (Laboratory Science)

Advanced Placement Biology is a one year course that covers the following subjects: chemistry of life, cells, cellular energetics, heredity, molecular genetics, evolutionary biology, diversity of organisms, structure and function of plants and animals, and ecology. Laboratory experiences are an important part of this course and are written up in a lab notebook. This course covers the material usually found in an introductory college level biology course. At the end of the course students are encouraged to take the Advanced Placement exam in biology.

SOCIAL SCIENCE

Freshman Social Studies (0204) **State Requirements and World Studies**

Freshman State Requirements

One semester course – 5 credits

- Grades eligible: 9 (normally), 10, 11, 12
- Prerequisites:
 - None
- Meets one semester of the two semester graduation requirement for Freshman Social Studies
- Does not meet a UC/CSU A-G requirement

In this first semester orientation course of Freshman Social Studies, students will develop academic skills needed throughout high school and beyond, including organization, note taking, homework habits, test-taking skills, and reflective and academic writing techniques. The course also will emphasize computer research and presentation skills. Students will receive state-mandated instruction in the following areas: Alcohol, Tobacco and Drug Abuse Prevention and Human Sexuality. In addition students will explore the topics of bullying (including cyber-bullying), violence prevention, diversity and tolerance. Media Literacy techniques will be used to analyze and present work on these issues. Driver Education (written only) will take place at the end of the semester. However, students may only get their Provisional Permit after they turn 15 ½ years old, have completed and passed this section of the class and register to take Driver Training (not offered at HMBHS). This course fulfills one semester of the two semester graduation requirements for 9th grade Social Studies.

World Studies

One semester course – 5 credits

- Grades eligible: 9 (normally), 10, 11, 12
- Prerequisites:
 - None
- Meets one semester of the two semester graduation requirement for Freshman Social Studies
- Counts toward UC/CSU A-G requirement ‘A’ (History)

In this second semester of Freshman Social Studies, World Studies continues the development

of the academic and computer research and presentation skills begun in the first. This course is designed to provide a foundation in the fundamentals needed for success in 10th grade Modern World History, and is aligned to Grade 10 Content Standards. The course integrates the study of world geography and history beginning with Classical Europe, with an emphasis on democracy and the rule of law, and their connection to the development of the US constitution. Geographic regions covered also include Africa, Asia and the Middle East, concentrating on imperialism, the rise of new nations, and modern conflicts and issues. This course fulfills one semester of the two semester graduation requirements for 9th grade Social Studies.

World History (0212)

- Year long course – 10 credits
- Grades eligible: 10 (normally), 11, 12
- Prerequisites:
 - None
- Meets graduation requirement for World Studies/Culture
- Counts toward UC/CSU A-G requirement ‘A’ (History)

World History is a required one-year course that is taken in the sophomore year. The course examines the rise of democratic ideals in western civilization and then surveys the major trends and turning points in 19th and 20th century world history. Major units in the course include: the Enlightenment, Nationalism, Imperialism, the Industrial Revolution, World War I, World War II and the Cold War. Students will further develop their academic abilities including the following: good study habits, research and writing skills, and the ability to make connections between ideas and actions.

AP World History (0215)

- Year long course – 10 credits
- Grades eligible: 10 (normally), 11, 12
- Prerequisites:
 - Freshman Studies teacher approval
 - Application required
 - Essay required
- Meets graduation requirement for World Studies/Culture credit
- Counts toward UC/CSU A-G requirement ‘A’ (History)

This is a challenging and intense course that is tailored to prepare students for the Advanced Placement exam in World History for which students may obtain college credit on passing scores. The course surveys global world history from 8000 B.C.E. to the present, with a focus on the modern world since 1450 C.E. The course will emphasize writing skills as well as historical research and interpretation. Students will obtain a deep understanding of global patterns and interactions among civilizations through time. The course covers the material usually found in an introductory college-level World History course.

United States History (0220)

- Year long course – 10 credits
- Grades eligible: 11 (normally), 12
- Prerequisites:
 - None
- Meets graduation requirement for U.S. History credit
- Counts toward UC/CSU A-G requirement ‘A’ (History)

United States History is a one-year course that is taken in the junior year. The course begins with a brief review of early American history and proceeds to the post-Civil War era and the 20th century. Major units will address: the frontier and western settlement, immigration and industrialization, the Progressive Era, Imperialism and WWI, the 1920’s and the Great Depression, World War II, the Cold War, the civil rights movement, and social change in the post-Vietnam War era. Students are expected to produce clear and effective writing in a variety of forms, facility with project presentations, and demonstrate research skills, including reading comprehension, communication, and listening skills.

AP United States History (0221)

- Year long course – 10 credits
- Grades eligible: 11 (normally), 12
- Prerequisites:
 - World History teacher approval
 - Application required
- Meets graduation requirement for U.S. History credit
- Counts towards UC/CSU A-G requirement ‘A’ (History)

This course will focus on U.S. History from 1770 to 1996. Major emphasis will be placed on historical research and interpretation. By meeting course expectations students will be prepared to take the Advanced Placement Examination in American

History and/or excel on the College Board Achievement Test in American History.

American Government/Economics(0230)

- Year long course – 10 credits
- Grades eligible: 12
- Prerequisites:
 - None
- Meets graduation requirement for American Gov/Econ credit
- Counts toward UC/CSU A-G requirement ‘A’ (History), for one semester and ‘G’ (Elective), for one semester only.

One semester will focus on the basic structure of and operation of our federal government, as well as an awareness of contemporary issues as they develop. The other semester deals with economics and will explore the following areas: 1) an understanding of the role of the economist, 2) an understanding of the structure and function of the American economic system, and 3) an appreciation of how economic principles apply to individuals in a society. This course may include additional economics curricula approved by the Social Studies Department.

Community Service has been included in the curriculum. An alternative assignment will be given to any student who desires this instead of service. *For more information about Community Service, please refer to page 39.*

AP Government/Economics (0234)

- Year long course – 10 credits
- Grades eligible: 12
- Prerequisites:
 - US History teacher approval
 - Application required
 - Essay required
 - ◆ Short response concerning why the student wants to be in AP Gov/Econ
- AP Credit given for Government only
- Meets graduation requirement for American Gov/Econ credit
- Counts toward UC/CSU A-G requirement ‘A’ (History), for one semester

This is an intense course designed primarily to prepare students to take the Advanced Placement examination in American Government. Students should expect to do challenging independent research and interpretation while studying the evolution and current function of US Government.

TECHNOLOGY

Introduction to Mass Media (0641)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Technology teacher approval
 - Grade of ‘C-’ or higher in English & Social Studies
- Meets the graduation requirement for Elective credits
- Does not meet a UC/CSU A-G requirement

In this class, students produce the daily TV announcements, publish the campus newspaper (in the event *Publications* is not offered) and broadcast music on the campus radio station; thus, outside class time will be expected and required. Students will be expected to act as journalists, bringing video cameras to cover news events around the campus. Students will take on positions as writers, producers, cameramen, disc jockeys and talent assisting with TV, radio and/or the newspaper staff so there is a large lab element to the class.

There will additionally be classroom lessons as students will learn about the history and development of newspaper, radio, TV and the Internet. Students will be exposed to investigative journalism and the rules of journalism with a focus on libel and slander. They will learn about the implications of the FCC, the impact of the 1950's radio disc jockey, the Golden Age of television, the explosion of the Internet and more.

Web Design & Animation (0647)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Application
- Meets graduation requirements for Elective credits
- Counts toward UC/CSU A-G requirement ‘F’ (Visual and Performing Arts)
**pending approval*

The goal of the class is to provide students with an understanding of the processes and strategies used in solving art and design problems through lectures, demonstrations, samples, readings, critiques, and assignments. Students imagination

and creative abilities will be challenged through hands-on projects utilizing animation in both traditional and digital format. Students will also learn the skills necessary to create and maintain a fully interactive web page using the most recent techniques.

WORLD LANGUAGES

Philosophy for World Languages Study

In a world which is becoming more international all the time, languages are a vital part of every educated person. World language study can be immensely rewarding, opening up a whole new world of experience. The study of language will also give a new perspective on one’s own language.

The study of a world language requires a mature approach to study. Students who succeed in language are those who keep up with class and homework assignments.

Generally, at least four years of study are necessary for high school students to acquire sufficient proficiency in a foreign language to function effectively in everyday communication situations.

Spanish I (0500)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - None
- Meets the graduation requirement for Fine Arts
- Counts toward UC/CSU A-G requirement ‘E’ (Languages Other Than English {LOTE})

Students enrolled in Spanish I will be given a sound basis in grammar, sentence structure, vocabulary, and pronunciation. Beginning conversational abilities will be established through the study of dialogues, oral practice, and communication based activities. Reading skills and cultural awareness will be enhanced through the short sketches in the lesson, coupled with supplementary readings and instructor's anecdotes.

Spanish II (0510)

- Year long course – 10 credits
- Grades eligible: 9*, 10, 11, 12
- Prerequisites:
 - Current Spanish teacher approval
 - Departmental approval

- ◆ *For students that are coming straight into Level II without previously taking Level I, a placement test will be required for accurate placement
- ◆ Grade of 'C-' or higher in Spanish I and/or teacher's discretion
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'E' (Languages Other Than English {LOTE})

In this course there is a general review of the grammatical principles of the first year (in greater depth and detail). This is followed by a steady progression toward a thorough understanding of the Spanish language.

The degree to which the course is conducted in the target language is progressively increased until Spanish is used exclusively except for the explanation of complex structures. At this level, there is a steady increase of the complexity in reading material and the student is expected to expand use of the target language in discussion and analysis of readings. Regular cultural lessons continue to be an enriching element of the instruction.

Spanish III (0515)

- Year long course – 10 credits
- Grades eligible: 9*, 10, 11, 12
- Prerequisites:
 - Current Spanish teacher approval
 - Departmental approval
 - ◆ *For students that are coming straight into Level III without previously taking Level I-II, a placement test will be required for accurate placement
 - ◆ Grade of 'C-' or higher in Spanish II and/or teacher's discretion
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'E' (Languages Other Than English {LOTE})

In Spanish III the students experience another review of the grammatical structures learned in their first two years before going on to their final study of Spanish grammar. The students are introduced to Spanish and Latin American literature through selected readings. This course is conducted completely in the target language and stress on the refinement of oral proficiency becomes more intense.

AP Spanish IV (0528)

Spanish Language

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Current Spanish teacher approval
 - Departmental approval
 - ◆ *For students that are coming straight into Level IV without previously taking Level I-III, a placement test will be required for accurate placement
 - ◆ Grade of 'B-' or higher in Spanish III **or** grade of 'B-' or higher in Spanish for Spanish Speakers I or II and strong teacher recommendation
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'E' (Languages Other Than English {LOTE})

At this level the student is expected to finely tune the ability in all four skill areas of language as well as come to a deeper appreciation of the culture. Students are expected to understand conversation, video, newspapers, magazines, and other media and to intelligently speak and write in the target language. There is a great emphasis placed upon reading, discussion, and writing about selected pieces of contemporary Hispanic literature. Stress is placed on preparation for the Advanced Placement Spanish Language Examination. The class is conducted entirely in Spanish.

AP Spanish V (0529) **Spanish Literature**

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Current Spanish teacher approval
 - Departmental approval
 - ◆ *For students that are coming straight into Level V without previously taking Level I-IV, a placement test will be required for accurate placement
 - ◆ Grade of 'B-' or higher in AP Spanish IV or S4SS II or with teacher approval
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement 'E' (Languages Other Than English {LOTE})

This course is the continuation of AP Spanish IV; however, it has as its main focus the study of the major literary works of the Spanish speaking world. Obviously, the student is expected to have a high level of proficiency in the four skill areas of

the language as necessary tools for the study of literature and the writing of essays about literary works. As with AP Spanish IV, stress is placed on preparation for the Advanced Placement Spanish Language Examination.

Spanish for Spanish Speakers I (0490)

- Year long course – 10 credits
- Grades eligible: 9, 10
- Prerequisites:
 - Enrollment in the Spanish Immersion program or Spanish as the home language
 - Satisfactory performance on oral and written placement test
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘E’ (Languages Other Than English {LOTE})

This course emphasizes continued development and refinement of reading and writing skills, instruction in grammar and syntax, vocabulary enrichment, and improvement of oral communication skills. This is an entry-level, year-long Spanish course designed to meet the special needs of native speakers of Spanish and students continuously enrolled in the Spanish Immersion Program. Class will be conducted entirely in Spanish.

Spanish for Spanish Speakers II (0492)

- Year long course – 10 credits
- Grades eligible: 10, 11
- Prerequisites:
 - Grade of ‘C-’ or higher in Spanish for Spanish Speakers I
- Meets the graduation requirement for Fine Arts credit Counts toward UC/CSU A-G requirement ‘E’ (Languages Other Than English {LOTE})

This course emphasizes advanced and continued development and refinement of reading and writing skills, instruction in grammar and syntax, vocabulary enrichment, and improvement of oral communication skills. This is an advanced-level, year-long Spanish course designed to meet the special needs of native speakers of Spanish and students continuously enrolled in the Spanish Immersion Program. Class will be conducted entirely in Spanish.

French I (0530)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - None

- Meets the graduation requirement for Fine Arts
- Counts toward UC/CSU A-G requirement ‘E’ (Languages Other Than English {LOTE})

French I is designed to teach the student expression in simple oral and written French. Emphasis is placed on developing the ability to communicate in French in real-life situations through the use of skits, dialogues and oral practice. Students are introduced to Francophone cultures using movies, supplementary readings, re-creating French holidays and teacher anecdotes. Study and learning skills, as well as some analysis of language structure, are part of the curriculum.

French II (0535)

- Year long course – 10 credits
- Grades eligible: 9*, 10, 11, 12
- Prerequisites:
 - Current French teacher approval
 - Departmental approval
 - ◆ *For students that are coming straight into Level II without previously taking Level I, a placement test will be required for accurate placement.
 - ◆ Grade of ‘C-’ or higher in French I
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘E’ (Languages Other Than English {LOTE})

French II continues to develop proficiency in the areas of listening, speaking, reading, and writing. The student will also study contemporary and historical Francophone cultures through excerpts of classical literature, newspapers, and video. Ability to communicate in realistic life situations is a priority. The language used by the instructor is most often French, and students are encouraged to use French as much as possible.

French III (0540)

- Year long course – 10 credits
- Grades eligible: 9*, 10, 11, 12
- Prerequisites:
 - Current French teacher approval
 - Departmental approval
 - ◆ *For students that are coming straight into Level III without previously taking Level II, a placement test will be required for accurate placement.
 - ◆ Grade of ‘C-’ or higher in French II
- Meets the graduation requirement for Fine Arts credit

- Counts toward UC/CSU A-G requirement ‘E’ (Languages Other Than English {LOTE})

At this level students will improve their understanding of French through study and refinement of grammar as well as through reading literature. They will also expand their understanding of French cultures. Students will express themselves orally and in written form in French since this will be the language of instruction.

AP French IV (0545) **French Language**

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Current French teacher approval
 - For students that are coming straight into Level IV without previously taking level I-III, a placement test will be required for accurate placement.
 - Grade of ‘C-’ or higher in French III
- Meets the graduation requirement for Fine Arts credit
- Counts toward UC/CSU A-G requirement ‘E’ (Languages Other Than English {LOTE}).

This course continues to review and refine knowledge of the French language and cultures. Students will express themselves in both oral and written forms with depth, sophistication, and creativity when appropriate. Students will leave the course with an ability to communicate in French and have the skills to continue their study of French or another language. Preparation for the Advanced Placement examination will be a major part of the curriculum. All communication in this course takes place in French.

Credit for Foreign Language not offered at Half Moon Bay High School

Education Code 51243 allows the opportunity for the school district’s governing board to give credit for a foreign language taken at an accredited high school or established school or program.

Any student who would like to earn foreign language credit from a program not affiliated with Half Moon Bay High School must obtain approval from the principal.

* Students who have completed two years of formal instruction in a school where a language other than English was used as a medium of instruction beginning in grade six or later have met the LOTE requirement for the UC/CSU A-G coursework. Consecutive enrollment is not required.

RESOURCE/ SPECIAL EDUCATION

Half Moon Bay High School offers Special Education Programs for students who have disabilities that affect their education. There is a Resource program for students with mild disabilities. The classes labeled Basic are considered Resource. There is also a Special Day Class program for those with moderate to severe disabilities. Students assigned to classes in these programs are also encouraged to participate in general high school offerings with back-up support provided by a Special Education teacher. Enrollment in Special Education classes is determined by an Individualized Education Plan (IEP). For further information, please contact your student’s high school counselor.

Basic Independent Study (0754)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Prior departmental approval, must have signature of case manager
 - Must be stated in current IEP
- Meets graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

The course offers additional support, in a small group setting, to resource students with their general education work. Organization, study skills, and vocational awareness activities are also a component of this class.

Basic English (0752)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Prior departmental approval, must have signature of case manager
 - Must be stated in current IEP
- Meets the graduation requirement for English credits
- Does not meet a UC/CSU A-G requirement

This course is designed to build both your written and oral English skills. It will also focus on reading comprehension, analysis, and vocabulary. You will read quality literature and examine diverse themes. You will become more familiar with literary and writing conventions, as well as literary terms and genres. You will be given assignments that ask you to use various expository writing formats. In doing so, you must use language in an organized and precise manner. You will be expected and required to read, think, write and participate. This course is designed to challenge and stretch your current skills while developing new skills.

Basic Math (0757)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Prior departmental approval, must have signature of case manager
 - Must be stated in current IEP
- Meets graduation requirements for Math credits
- Does not meet a UC/CSU A-G requirement

Basic math is a class that is designed to allow special education students to work on the goals documented in their current IEPs. Students work on California State Standards and receive accommodations and modifications to the curriculum. Accommodations may include extended time, one to one instruction, and extended guided practice. Modifications may include the use of a calculator, shortened assignments, and modified assignments.

Basic World History (0772)

- Year long course – 10 credits
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Prior departmental approval, must have signature of case manager
 - Must be stated in current IEP
- Meets graduation requirements for World Studies
- Does not meet UC/CSU A-G requirements

World History is a required 1 year course that examines the rise of democratic ideals in western civilization and then surveys the major trends and turning points in the 19th and 20th century world history.

The course will follow guidelines of the General Education World History Curriculum (with modifications) to meet the requirements for RSP students to successfully pass the class.

Basic United States History (0704)

- Year long course – 10 credits
- Grade eligible: 11
- Prerequisites:
 - Prior departmental approval, must have signature of case manager
 - Must be stated in current IEP
- Meets graduation requirements for United States History
- Does not meet a UC/CSU A-G requirement

U.S. History is a required 1 year course that examines the major historical events that shaped the United States from the late 18th century to the present.

The course will follow guidelines of the General Education United States History Curriculum (with modifications) to meet the requirements for RSP students to successfully pass the class.

Basic American Government/Economics (0753)

- Year long course – 10 credits
- Grade eligible: 12
- Prerequisites:
 - Prior departmental approval, must have signature of case manager
 - Must be stated in current IEP
- Meets graduation requirements for American Government/Economics
- Does not meet a UC/CSU A-G requirement

The course will combine a study of how government works on all levels in the United States along with an understanding of the American economic system.

The course will follow the guidelines of the General Education Government/Economics with modifications. Grading is a combination of assignments, homework, and classroom participation.

Special Day Classes

For students with moderate-severe disabilities.

Program goal: For the students to learn the necessary skills to be safe and independent on campus and in their community.

Curriculum focuses on:

- vocational skills
- social skills
- life skills curriculum in math, reading, and vocabulary

Specific curriculum is determined by each student's Individual Education Plan (IEP). Most students in the SDC program work toward a Certificate of Completion, rather than a diploma.

SPECIAL PROGRAMS

English Prep - CAHSEE (0154)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Below grade-level performance in English; did not pass ELA portion of CAHSEE
 - Counselor recommendation
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

CAHSEE stands for California High School Exit Exam. This course is designed to review the topics needed in order to successfully pass the English language arts portion of the exam. These topics include: word analysis, reading comprehension, literary response and analysis, writing strategies, writing conventions, and writing applications. This course also includes a focus on test taking techniques that will assist students in building the confidence they need to pass this test.

Math Prep - CAHSEE (0315)

- Year long course – 10 credits
- Grades eligible: 11, 12
- Prerequisites:
 - Below grade-level performance in Math; did not pass MATH portion of CAHSEE
 - Counselor recommendation
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

CAHSEE stands for California High School Exit Exam. This course is designed to review the topics needed in order to successfully pass the mathematics portion of the exam. These topics include: probability, statistics, number sense, geometry, evaluating and writing expressions, graphing, solving equations, and logical reasoning. This course also includes a focus on test taking techniques that will assist students in building the confidence they need to pass this test.

Strategic Academic Support (0883)

- Variable credit course – 5 credits per semester
- Grades eligible: 9, 10, 11, 12
- Prerequisites:
 - Identified by teacher, counselor, administration as needing additional academic support
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

This course is designed to assist students in need of additional academic support. This course will be offered in zero or 7th period outside of the regular school day. Emphasis will be placed on organization, study skills, and self-monitoring. Students are recommended for this course by a member of their academic team including teachers, counselors, and administration.

Leadership (0820)

- Year long course – 10 credits
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Leadership teacher approval
 - Application
 - Minimum GPA of 2.0
 - Must be approved by counselor
- Meets the graduation requirement for Elective credit
- Does not meet a UC/CSU A-G requirement

Members of the Leadership class will participate in year-round experiential leadership training opportunities in order to explore and develop their leadership potential. Students will also explore leadership through reading and research. In addition, the class is responsible for running the student store, blood drives, assemblies, recycling, homecoming, etc....essentially all non-athletic events and activities. Leadership students are often required to participate in after school and lunchtime activities. Students must apply to the Leadership class or be elected as a homecoming chair or an ASB Executive Board

officer. All selected Leadership students will be required to attend an introductory meeting at the end of August, just before school starts, and a two-day summer Leadership Retreat (ropes course and leadership curriculum).

Repo Depo Print Services Assistant (0905)

- Year long course – 10 credits (variable)
- Grades eligible: 10, 11, 12
- Prerequisites:
 - Repo Depo supervisor approval
 - Counselor approval
 - ◆ Contract with supervisor
- Meets the graduation requirements for Elective credits
 - Students may count no more than 30 service credits toward the 70 credit elective requirement for graduation
- Does not meet a UC/CSU A-G requirement

The Repo Depo is the Cabrillo Unified School District print shop. As the district print shop, we do most of the printing for the district, as well as the High School’s teaching and office staff. As an aide in the Repo Depo, all students will learn how to operate a Xerox machine, and all of its functions. All student aides will learn how to work together as a team to organize and prioritize print jobs so they can be completed in a timely manner. The aides also assist the teachers and staff with various jobs that need to be done around campus.

Student Aides:

Teacher’s Aide	(1999)
Office Aide	(0910)
Counseling Aide	(1998)
Library Aide	(0002)

- Year long course – 10 credits (variable)
- Grades eligible: 11, 12
- Prerequisites:
 - Department and Counselor approval
 - Contract with supervisor/teacher
- Meets graduation requirement for Elective credits
 - Students may count no more than 30 service credits toward the 70 credit elective requirement for graduation
- Does not meet a UC/CSU A-G requirement
- Students are given grades of Pass/Fail

Student aides are responsible for a variety of tasks which vary based on the setting served and may include data entry, filing, organization, assisting in physical education classes, and other clerical duties. Aides are imperative to the staff and must

be responsible, trustworthy, and dedicated to their positions. It is a privilege to serve as an aide and thus, this position requires a contract with the adult supervising the student; this contract clarifies expectations and responsibilities. If interested in being an aide, the student should discuss the possibility with the potential supervisor before scheduling classes with their school counselor.

Community Service/Service Learning

All students are strongly encouraged to participate and receive credit for Community Service (also know as Service Learning) during their careers as a high school students. There are three forms requiring completion that are necessary to participate in the program. These are available from your Social Science teacher as well as on our website.

To participate in the program, students must:

- Arrange an interview for a volunteer position once they’ve been referred by the school or someone in the community.
- Submit to your Social Science teacher a completed contract with the non-profit agency along with the signed parent release/transportation form.
- Submit a timesheet signed by the person-in-charge to your Social Science teacher when all hours are completed.

Senior transcripts will reflect Community Service hours accumulated in all four years at HMBHS.

Half Moon Bay High School students are expected to complete a minimum of 35 hours of Community Service as part of their course work for their American Government/ Economics class. Students receiving poor or unacceptable evaluations will not be considered to have fulfilled the service requirement for the Government/Economics class. Students may perform their Community Service any time during their high school career; however, it is highly recommended that students begin their Community Service long before their senior year so that they can include it on their college and scholarship applications in the fall.

Home Hospital Teaching

The Home Hospital Teaching Program is designed for students who are unable to attend regular school because of an illness or injury for a period of three weeks or more, or because of special circumstances (such as emotional inability to cope with the school program). Each pupil is allowed

one hour of instruction for each day that school is in session. For further information, contact your student's counselor.

Alternative Credit Opportunities

Adult Education/High School Credit

While classes are held on our campus after school, the Adult Education/High School Credit program functions independently from HMBHS and students are held to adult standards of personal and academic responsibility.

Adult Education courses have been offered on the HMBHS campus each year in the past. Due to budget constraints, it is possible that Adult Education may not be offered in the 2011-2012 school year. For further, up-to-date information, contact your school counselor.

Adult Education (formerly known as *Night School*) is available to students in need of remedial credit; students must have taken and failed a course to be eligible for this opportunity (in other words, courses may not be taken for original credit). Senior students are given priority as limited space is available. Students receive Pass/Fail marks only, and no letter grades are given. Students must enroll separately for each semester required. For further information, contact your school counselor.

Online Learning

On-campus online learning through the *Aventa* program is available on a limited basis to students in need of remedial credit. Courses are offered in Zero or 7th period and while course attendance is mandatory, students may work at their own pace online at home to complete with speed. Students receive grades of A-F and many courses are approved for A-G UC/CSU eligibility. Senior students are given priority as limited space is available. Students must enroll separately for each semester needed. For further information, contact your school counselor.

PASS Program

The PASS (Portable Assisted Study Sequence) Program is designed for migrant students and available to students enrolled in high school districts across California. Students may take

PASS courses to make up credit deficiencies. Many PASS courses are for approved for A-G UC/CSU eligibility. PASS courses involve an after school class, independent work, and supervision by the PASS teacher. For further information regarding eligibility and fees, contact your counselor.

R.O.P. Course Offerings

The San Mateo County Regional Occupational Program (ROP), administered by the San Mateo County Office of Education and in cooperation with the high school districts in the county, develops career and vocational training classes to prepare students for jobs. This program offers many pathways to success by offering relevant career technical education and vocational experience. Areas of study include business, management, medical, automotive, criminal justice, computer technology, and much more. These free courses are available to HMBHS students. High school elective credits are awarded to students working towards a diploma. For further information, contact your school counselor and check out the website at www.smcoe.k12.ca.us/rop

Summer School

Summer School courses have been offered on the HMBHS campus each summer in the past. Due to budget constraints, summer school is now limited. For further, up-to-date information, contact your school counselor.

Concurrent Enrollment/Community College – CSM, Skyline & Cañada

Students may opt to concurrently enroll in collegiate level courses at community colleges while attending HMBHS. It is the student's responsibility to enroll concurrently through the community college and to ensure that transcripts and registration status are communicated to HMBHS. Courses are free to high school students and are offered in the fall, spring, and summer; some courses are available online. For further information, contact your school counselor and visit the San Mateo Community College District's website at: <http://www/smccd.edu/collegeconnection>