

INQUIRE

Course Catalog 2009-2010

Patrick Henry High School
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<http://henry.sandi.net>

Dear Parents and Students:

Welcome to the 2009-2010 school year at Patrick Henry High School!

Inquire is published to inform students and parents about our excellent academic program of course offerings and opportunities for academic and personal growth. As our students prepare for graduation, higher education, and future careers we want to provide as much information as possible about course selections and pathways students may choose as they pursue their learning interests and goals. I encourage students to plan a challenging course of study to prepare for college and a future career. Along with a strong academic program, participation in clubs, athletics, the arts and other school activities will provide our students an opportunity to grow into thoughtful, caring, informed young adults who will achieve their academic and personal goals in life.

Please read the course offerings carefully, seek guidance from our counselors, and select your classes carefully. Our counselors can help in course selections that will support high school graduation and university admission. Patrick Henry High has an outstanding staff, traditions of excellence, and wonderful students who care about their education. The more students participate in the clubs, activities, and leadership opportunities Patrick Henry High has to offer, the better prepared they will be as future adults and leaders.

Plan well, choose carefully, and enjoy a balance of academics and activities. Go Patriots!

Pat Crowder,
Principal

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UC / CSU Course Information Matrix

Course	UC Req't	Weighted credit	Course	UC Req't	Weighted credit
Art			Music		
AP Art Studio	f or g	Yes	Advanced Band 1,2	f or g	No
AP Art History	f or g	Yes	Advanced Choral Ensemble 1,2	f or g	No
Art of Film	f	No	Choir 1,2	f	No
Ceramics 1,2	f	No	Intermediate Band Senior High	f or g	No
Color and Design	f	No	Music Appreciation	f	No
Design in Mixed Media 1,2	f	No	Non-departmental		
Individualized Art 1,2 - Cartooning	f	No	Senior seminar AVID program	g	No
Senior Art Studio 1,2	f	No	ROP		
Computer Science			ROP Computerized Graphic Design	f	No
ROP Computerized Graphic Design	f	No	ROP Dev Psych of Children 1,2	g	No
English			ROP Digital Electronics 1,2	Pending	No
Honors American Literature 1,2	b or g	Yes	ROP Intro to Teaching and Learning	g	No
Advanced English 3,4	b	No	ROP Principles of Engineering	Pending	No
American Literature 1,2	b or g	No	ROP Civil Engineering and Architecture 1,2	Pending	No
AP English Literature and Composition	b or g	Yes	ROP Engr and Design Development 1,2	Pending	No
AP English Language and Composition	b or g	Yes	ROP Multimedia Productions 1,2; 3,4	f	No
Contemporary Voices in Literature 1,2	b or g	No	Science		
English 1,2	b	No	Advanced Biology 1,2	d or g	No
English 3,4	b	No	Advanced Physics 1,2	d or g	No
English (British) Literature	b or g	No	Honors Chemistry 1,2	d or g	Yes
World Literature 1,2	b or g	No	AP Biology 1,2	d or g	Yes
Family and Consumer Science			AP Chemistry 1,2	d or g	Yes
Human Psychology and Sociology	g	No	AP Physics 1,2	d or g	Yes
ROP Dev Psych of Children 1,2	g	No	AP Environmental Science 1,2	d or g	Yes
ROP Intro to Teaching and Learning	g	No	Biology 1,2	d or g	No
History / Social Studies			Chemistry 1,2	d or g	No
Honors US History and Geography 1,2	a or g	Yes	Marine Science 1,2	d or g	No
Advanced World History / Geo 1,2	a or g	No	Physics 1,2	d or g	No
AP Micro / Macroeconomics 1,2	g	Yes	Earth Science 1,2	d or g	No
AP Psychology 1,2	g	Yes	Physiology 1,2	d or g	No
AP US History 1,2	a or g	Yes	Theater and Public Speaking		
AP US Government and Politics 1,2	a or g	Yes	Theater 1,2	f	No
AP World History 1,2	a or g	Yes	Theater 3,4; 5,6; 7,8	f or g	No
GLOPED 1,2	a or g	No	Technical Theater 1,2	Pending	No
Government / Economics	Govt a or g Econ g only	No	World Languages		
Political Science 1,2	g	See note	AP French Language 1-2	e or g	Yes
US History / Geography 1,2	a or g	No	AP French Literature 1-2	e or g	Yes
World History / Geography 1,2	a or g	No	AP German Language 1-2	e or g	Yes
Industrial Technology Education			AP Spanish Language 1-2	e or g	Yes
Photography	f	No	AP Spanish Literature 1-2	e or g	Yes
ROP Computerized Graphic Design	f	No	French 1-2	e	No
ROP Digital Electronics 1,2	Pending	No	French 3-4, 5-6	e or g	No
ROP Principles of Engineering	Pending	No	German 1-2	e	No
ROP Civil Engineering and Architecture 1,2	Pending	No	German 3-4, 5-6	e or g	No
ROP Engr and Design Development 1,2	Pending	No	Japanese 1-2	e	No
ROP Multimedia Productions 1,2; 3,4	f	No	Japanese 3-4, 5-6	e or g	No
Mathematics			Japanese 7-8 Honors	e or g	Yes
Algebra Explorations	c	No	AP Japanese Language and Culture	e or g	Yes
AP Calculus AB 1-2	c or g	Yes	Spanish 1-2	e	No
AP Statistics 1-2	c or g	Yes	Spanish 3-4, 5-6	e or g	No
Geometry 1-2	c	No	Spanish 7-8 Honors	e or g	Yes
Advanced Geometry 1-2	c	No	Spanish for Spanish Speakers 1-2	e	No
Advanced Intermediate Algebra 1-2	c	No	Spanish for Spanish Speakers 3-4	e or g	No
Honors Precalculus 1-2	c or g	Yes			
Intermediate Algebra 1-2	c	No			
Math 150-151	c or g	See note			
Precalculus 1-2	c or g	No			
Statistics and Data Analysis 1-2	c or g	No			

Note: Political Science 1-2 and Math 150-151 grades are not included in high school GPA but course is weighted for college admission purposes

How to Use Inquire

Every attempt has been made to provide within these pages all the information needed to plan class schedules. It is hoped you will carefully study the contents of this catalog and keep it for future reference.

Read the catalog and the program planning card thoroughly before making selections.

- The master schedule and teacher assignments are made on the basis of students' choices.
- It is your responsibility to carefully review this information and decide upon your schedule of classes next year.
- All 9th, 10th, and 11th grade students will take a Math, English, and Science class.
- You are making FINAL choices of your courses for the entire year!

Prerequisites and grade levels are listed for courses.

- Teacher permission is required in some cases.
- Prerequisites MUST be satisfied by final spring semester grades!
- Review this information carefully!

Fill out the program planning card in pencil.

- Be sure to list six classes and your elective choices in priority order.
- Student and parent signatures are required on the bottom of the card.
- Program planning cards must be turned in to your classroom teacher prior to the counselors return.
- Students not planning to return to Henry should turn in a completed card with the name of your new school written in.

Important: Students will be held to the schedule they choose.

- Students who fail to return program planning cards must accept their schedules as arranged by their counselor.
- Course offerings are dependent upon minimum enrollment.

Message for Parents

Parents are a key element in helping students be successful in school. This is true both during the school year and the summer vacation times. It is general knowledge that students who do little or no reading, writing, math, or other academic pursuits during the summer will LOSE weeks or months of basic skills knowledge. We urge you to:

1. Stress the importance of attending school every day and arriving on time.
2. Schedule medical appointments and family vacations outside of the school day.

3. Set aside a time and place every day for your student to study, read, write, and/or practice.
 4. Encourage your student to read the daily newspaper and periodicals on the local, county, state, national, and international news, to take advantage of tutoring opportunities as needed,, and to choose books to read from the school and public library.
 5. Study the six-week and semester report cards and cumulative student reports issued periodically each year.
 6. Arrange conferences with teachers early each grading period if you have any concerns regarding your child's progress.
-

Academic Program

Patrick Henry encourages students to take the strongest possible academic program available. Students are encouraged to enroll in advanced, honors and Advanced Placement courses whenever applicable prerequisites have been met. However, prerequisites must be satisfied to ensure a reasonable opportunity for success. Parents may request conferences to discuss with counselors the placement of students in these courses. By taking the strongest possible academic preparation, students can keep all their future options open. The well-prepared student can go on to further education and/or training in whatever direction his/her talents and interests lead.

Progress Reports

Progress reports are distributed every six weeks to inform parents of academic progress. Special "Pink" progress reports are also available to students and parents to use in checking academic grades and citizenship throughout the year. These reports may be obtained in the counseling office every Friday before the start of school. The student hand-carries this form to each class for teacher completion. Many teachers have grades available on-line. Please see the school website at <http://henry.sandi.net> and click on the Student Grades link for more information.

A student who leaves Patrick Henry prior to two weeks before the end of a semester will only receive leaving grades. It will be up to the receiving high school to determine whether these grades are **final grades**. When a student leaves two weeks or less before the end of a semester, the determination of whether the grades are **final grades** or **leaving grades** will be considered on a case to case basis by PHHS.

Promotion / Retention Policy

The Board of Education of the San Diego City Schools has adopted a promotion/retention policy (Procedure 4770, paragraph C.7) which requires a minimum number of cumulative credits which must be earned at each grading period in order to be promoted to the next level. Parents of students failing to

meet these standards are invited by mail to counseling conferences to develop written plans to improve academic achievement and/or make-up deficiencies. Information regarding this policy has been sent to parents/guardians and is also available in the counseling office. Students achieve grade-level standing based on the amount of credits they have earned according to the following table:

9th grade	0-9 credits
10th grade	10-20 credits
11th grade	21-30 credits
12th grade	31 or more credits

Counseling Services

Your counselor is available to see you before or after school. One counselor also staffs the office during the lunch period on a rotating basis. Students who are unable to see their counselors during these times because of transportation, work, or other conflicts, may arrange appointments through Ms. Suda(dsuda@sandi.net), the counseling secretary.

Counselors are assigned alphabetically by last name:

Last name	Counselor	Phone ext
Head counselor, Seminar, 11-12 AVID, SIP, Foreign Exchange	Ms Walsh	2214
A - D	Ms. Vaccarino	2216
E - J	Ms. Acosta	2235
K - M	Mrs. Regas	2237
N - R, 504 Coordinator	Mr. Louis	2236
S - Z	Mrs. Hafner	2240
Attendance, Engineering Academy	Ms. Kern	2232

Students are strongly encouraged to seek assistance from their counselor for any concern, whether it be of an educational, career, or personal/social nature. Your counselor can make sure that all resources and personnel of the school are available to you for tutoring, special programs, peer mediators, assistance with discipline and attendance, etc. Your counselor can make referrals to on-campus group counseling and to appropriate community resources if appropriate. The goal of the guidance office is to assist every student to graduate from high school and prepare successfully for post-high school plans. More information about the counseling office and its staff is available from the PHHS Counseling website.

Counselor Conferences

Student conferences with counselors are generally handled outside of class time – before and after school or during lunch. Parents are encouraged to e-mail or call their students counselor with concerns. Counseling conference appointments can be scheduled in advance any day between 7:00 am and 3:30 pm. 10th grade Progress Review Conferences are held with all sophomores and their parents who respond to written invitations. The purpose of these conferences is to assess and direct progress toward meeting graduation and admission requirements for higher education and training.

Inappropriate level placement and errors in scheduling

Students select their classes in the spring during articulation with the clear expectation that the schedule created is final and changes are made only because of an error in scheduling or an inappropriate level placement. Changing your mind about the classes you want to take does not constitute a scheduling error.

Examples of errors in scheduling:

- The student is placed in Spanish 3,4 but the student got a D in Spanish 1,2 and therefore must repeat the Spanish 1,2 class.
- The student is placed in two Algebra Explorations classes
- The student is not placed in a Period 3 class, therefore the student has an open period.

Changes in a class schedule because of a scheduling error are taken care of by counselors during pre-school registration. Once school starts, the only student-initiated change that will be made is if there is a scheduling error that was not corrected earlier. Students should go to the counseling office during the period that contains the error with a pass from their teacher.

Class changes due to inappropriate level placement are teacher-initiated changes that come from the teacher's professional determination that the student's efforts in the class show that the student is inappropriately placed. Teacher-initiated changes do not come from a student or parent request.

Examples of inappropriate level placement

- The student is placed in Spanish 3,4 but the student did not master the course content and is not prepared to go to a higher language level despite a passing grade.
- The student is placed in AP Spanish without sufficient background in the Spanish language to succeed in the AP class, as determined by the teacher.

The Patrick Henry High School policy concerning the changing of classes because of a student's inappropriate placement takes into consideration all the stakeholders in the school community. No changes will occur in the first two weeks of school. During the third week of school until the week after the first

grading period, teacher initiated changes may occur. The change must be in the best interest of the student taking into account that the leaving and receiving teachers agree to the change, and the size of both classes. The transfer grade would be determined through mutual agreement between the current teacher and the receiving teacher. The sequential procedure to facilitate an inappropriate level schedule change is that:

- the current teacher consults with the student's counselor and students parents about the student's placement;
- the counselor contacts potential receiving teacher(s);
- if everyone involved agrees that the schedule change is appropriate, the change is made by the counselor.

Career Center Services

The Career Center is located in the counseling complex and offers our students a variety of college and career resources to explore. The counselors are responsible for career counseling in both college and vocational fields, and will assist students in decision making on what to do after high school. Yvonne Walden (ywalden@sandi.net), Patrick Henry's Employer Outreach Specialist (EOS), works with students on job hunting, work permits and community outreach programs. The EOS also assists with college and career information and resources, and enrolls students in the Regional Occupation Program (ROP), which provides on-the-job training in many fields. The Career Center staff also promotes careers by inviting speakers from the business community to visit the school, and speak about their area of expertise.

College, occupational, and financial aid information is available in the Career Center in its library of college catalogs, Occupational Outlook Handbooks, computer resources including internet/web access, and video resources. Magnet School program information is also available in the Career Center.

High School Graduation Requirements

General Requirements

Patrick Henry High School's graduation requirements are consistent with the San Diego City Schools requirements set forth in District Procedure 4770.

- **Credits:** Students must earn a total of 44 semester credits in grades 9 through 12,
- **Grade point average (GPA):** For the purposes of satisfying the 2.0 WGPA graduation requirement, the weighted GPA (WGPA) shall include courses taken in grades 9-12 (including courses completed within the district's Adult Education High School Diploma Program). Courses having an honors designation noted by (HP) on the course description carry an additional grade point. An A grade is worth 5 grade points, a B grade is worth 4 grade

points, and a C grade is worth 3 grade points. D grades carry no weighted credit.

- **California State High School Exit Exam:** Effective with the class of 2006, students must pass both portions (English Language Arts and Mathematics) of the California High School Exit Examination (CAHSEE).
- **Senior Exhibition:** Present a senior exhibition that meets school-site criteria. See the Patriot Portfolio and Exhibition website for more information.

Course Requirements

English: 8 semester credits

- one year of English 1,2 (9th grade)
- one year of English 3,4 (10th grade)
- two years of English in 11th and 12th grades including one semester of American literature

Math: 6 semester credits

- one year of Algebra 1-2 or Algebra Exploration 9th 1-2,
- one year of Geometry 1-2, and
- one year of any of the following
 - Intermediate Algebra 1-2
 - Unifying Algebra and Geometry 1-2
 - Statistics and Data Analysis 1-2

Science: 6 semester credits

- one year of Life Science
- one year of Physical Science
- one year of a UC-approved, college prep science course

History / Social Science: 6 semester credits

- one year of World History and Geography
- one year of US History
- one year of either of the following Government 1 / Economics 1 or a district approved advanced alternative

Fine / Practical Arts: 3 semester credits

- Option A: Two semesters of world language and one semester of fine or practical arts.
- Option B: Two semesters of fine arts and one semester of practical arts.
- Practical Arts include all courses in business, computer science, family and consumer science, industrial technology, photography, ROP Computerized Graphic Design, journalism, and yearbook.
- Fine Arts include all courses in art (except photography), music, and drama.

Physical Education: 4 semester credits. May be met by all physical education

classes and athletics. Credit for physical education from NJROTC, marching band, dance guard, and cheerleading is pending decisions by the Board of Education at press time.

Computer Literacy: 1 semester credit. May be met by any approved course taken in grades 6-12.

Note: Algebra, Geometry, and World Language courses taken in middle school satisfy the subject area course requirements and count towards the 44 credits needed for graduation.

Summer School

Students and parents are reminded that failed academic classes must be made-up in summer school. Applications and detailed information should be available from the counseling office in April. During the school year, students do not have the opportunity to take more than one class in any department due to class size constraints.

After School Credit Makeup (ACM)

ACM is a program designed for juniors and seniors who have Ds or Fs in the core classes of English, Math, Science and Social Studies. A student can earn the required credit or improve the low grade for college admission. Three sessions are offered during the course of a school year with each session consisting of 60 hours (24 days of $2\frac{1}{2}$ hours each day, Monday through Thursday). A student is allowed $7\frac{1}{2}$ hours of absences (3 days) but must make that time up during the three makeup days. Any absences exceeding the $7\frac{1}{2}$ hours will result in the student being dropped from the program. All the work is done in class so the student can go home and focus on his/her studies for day school.

Graduation Seminar Program, Credit Recovery Lab and Placement Guidelines

Students must be credit deficient or GPA deficient to be included in this program. The counselors and Graduation Coach will use the following guidelines for placement of a student in the Credit Recovery Lab.

Students must be credit or GPA deficient:

- **Grade 11**

- 15 to 20 credits
- 1.7 – 2.1 GPA

- **Grade 12**

- 24 to 27 credits
- 1.7 – 2.1 GPA

The Graduation Seminar (Credit Recovery) program is designed for students who are at risk of not graduating from a comprehensive high school. Students will have an opportunity to make up deficient credits and grades through on-line courses. Students may only take classes in which they have previously earned a D or F grade.

The student's counselor prepares a detailed Graduation Plan for the Graduation Coach with specific course numbers to complete. This is given to the Graduation Coach at the time of enrollment. A contract is signed by the student and parent to acknowledge commitment to this program. The Graduation Coach monitors the student's progress in this class. Students have an opportunity to earn at least 4 course credits during the full year course. Some very motivated students might be able to complete as many as six courses, working online at home and during school vacations. Students are assessed by competency, rather than time spent online. Students are placed in the class for at least a full semester.

Students enrolled in this program must maintain a satisfactory level of achievement in their other five classes each semester. Students will be re-evaluated for correct placement at the end of the second six-week grading period (12 weeks). If students are seniors and they are not moving toward the expectations of the contract, referral for alternate placement will take place.

Students must be credit or GPA deficient to be included in this program. Counselors will use the following guidelines when considering placement in the Credit Recovery Lab. These are guidelines only. Decisions will be based on the best interest of the student at the time of placement.

Valedictorian and Salutatorian Honors

Following the fall semester grade report, each school will designate as graduating class valedictorian the senior student with the highest cumulative weighted grade point average (WGPA) for coursework in grades 10-12 (Class Ranking Report SHS62-1). The WGPA is calculated to the nearest hundredth. Each school will designate as salutatorian the senior student with the second highest cumulative WGPA for coursework in grades 10-12. If two students are tied for either valedictorian or salutatorian, both students will receive the honor.

White Robes

At the end of each semester, the district provides a class ranking report based on cumulative weighted GPA grades 10-12 (SHS62-1). Using the report issued at the end of fall semester, all Patrick Henry seniors earning a cumulative weighted GPA of 4.00 or higher will be recognized by wearing white robes at graduation.

Grade Suppression and Replacement Policy

San Diego City Schools Board Policy 4770 allows for the suppression and replacement of some semester grades under certain circumstances. The policy states that students who receive a "D" or "F" in a course taken in a San Diego Unified School District middle or senior high school (grades 7-12), may retake exactly the same course in a San Diego City Schools middle or senior high school. If the grade received in the second attempt of the exact same course (the district course title and course number must be identical), the first grade will be suppressed and replaced with the second grade earned in the course. The original "D" or "F" grade will be expunged from the student's transcript and the grade point average will reflect only the grade earned upon retake.

The suppression policy does not apply to courses taken in other districts or in private schools. Students repeating a course with a grade of "C" or higher will continue to have both marks displayed on the transcript and both will be included in cumulative grade point average calculations (in effect averaging the two grades earned).

Advanced programs

Advanced Placement and Honors designated courses

The general objective of these advanced courses is to provide an intensive and challenging program for the more able student. Courses titled "Honors" and "Advanced Placement" (or AP) and carrying the (HP) designation carry weighted credit for A, B, and C grades.

English	Social Studies	Mathematics	Science
English 1,2 Cluster Adv English 3,4 Hon American Lit 1,2 English (British) Lit 1,2	GLOPED 1,2 Honors US History Political Science 1,2	Adv Geometry 1-2 Adv Intern Algebra 1-2 Hon precalculus 1,2 Math 150-151	Marine Science 1,2 Adv Physics 1,2 Adv Biology 1,2 Hon Chemistry 1,2 Physiology 1,2
All Advanced Placement (AP) courses are included in this category			

Seminar Program

Patrick Henry has an active GATE Seminar program. The key difference in these courses is the requirement of qualitatively differentiated curriculum and instruction per week. More information about the Seminar program is available from the District webpage at <http://www.sandi.net/gate2/ProgramandServices.htm>

Patrick Henry offers seminar classes in English in grade 9 and in Social Science and English in grades 10 and 11. These courses are available to students who have been identified at or above the 99.9th percentile on the district's GATE test.

9th Grade

- English 1,2 Seminar (course 1540S, 1541S)
- GLOPED is the recommended advanced Social Studies course. Pending funding, GLOPED may be offered as a seminar course.

10th Grade

- Advanced English 3,4 Seminar (course 1572S, 1573S)
- Advanced Placement World History 1,2 Seminar (6739S, 6740S)

11th Grade

- Advanced Placement English 1,2 Literature Seminar (course 1655S, 1656S)
 - Advanced Placement US History Seminar (course 6721S, 6722S)
-

Advanced Placement Program

Raising Expectations

The Advanced Placement Program consists of courses and tests developed by the College Board, which also administers the SAT Reasoning Test. These courses are designed to offer high school students the opportunity to experience college-level work. We encourage all students to take an AP class as part of their preparation for college.

Students signing up for AP courses must be prepared for a very rigorous course of study that is EQUIVALENT TO FIRST YEAR COLLEGE WORK. AP exams are given each year in May. By earning an acceptable score on the exams, students may earn college credit at the college they will eventually attend. Each college and university has its own advanced placement policy which dictates how AP grades are handled in allowing credit toward graduation and fulfilling distribution (graduation) requirements.

Eligibility for Advanced Placement Classes

Eligibility for advanced placement classes is based on satisfaction of course prerequisites. Students taking multiple advanced placement courses are strongly encouraged to carefully evaluate the total workload they are choosing. Students taking three or more AP classes at Patrick Henry should expect a workload equal to that of freshman at the most selective colleges.

In order to insure that students enroll in AP courses with an adequate understanding of the academic rigor of the courses, every student enrolling for an AP course will be expected to:

- Attend a meeting with the teacher who will provide information about course requirements, tests and assignments, workload and time requirements, expectations, etc. Meeting dates, times, and requirements vary by course; see teacher for more information

- Read and sign a contract regarding course expectations and requirements.
- Agree to complete any summer reading requirement prior to school in the fall.
- Take the AP exam to receive the weighted grade in the course.

More information about requirements for AP and college course enrollment is available from the San Diego City Schools website at <http://www.sandi.net>.

AP Course Offerings

Patrick Henry High School has the second largest AP program in the San Diego City School District, offering more than twenty AP courses. Due to demand fluctuations, not all courses are offered every year. According to Board of Education policy, these courses are given a weighted grade point when computing cumulative GPA. Courses include:

Art History	English Literature	Physics C (mech)
Art Studio	Environmental Science	Psychology
Biology	French Language	Spanish Language
Calculus AB	French Literature	Spanish Literature
Chemistry	German Language	Statistics
Economics	Government	US History
English Language	Japanese Language	World History
	Music Theory	

District Policy for Honors and AP courses

San Diego City Schools (SDCS) is aligned with the University of California (UC) policy for Advanced Placement (AP) and honors courses. This allows high school students the opportunity to take advantage of a weighted grading system where courses are graded on a 5-point scale instead of a 4-point scale (e.g., A=5, B=4, C=3). The UC strictly enforces its procedure regarding honors courses which includes the following requirements:

- Each honors course must be designed for 11th and 12th graders who have already completed foundational work in the subject area. Tenth graders who have the necessary preparation to complete UC designated honors courses will also receive UC honors credit (limited to 1 course / 2 high school credits);
- Each honors course must have established prerequisites;
- A regular course must be offered in the same subject area at the same grade level as each honors course;
- Textbooks, instructional materials and course work used in each honors course must represent college-level rigor;
- Each honors course must have a comprehensive, written final exam; and
- One honors course may be offered in addition to AP and IB courses in each subject area.

All AP courses will continue to receive both district and UC weighted credit. The following honors courses are currently recognized by UC and are approved by the Board of Education as district honors courses. These courses will also receive SDCS weighted credit:

- English: American Literature 1,2 Honors
- Science: Chemistry 1,2 Honors
- Social Studies: U.S. History and Geography 1,2 Honors
- Mathematics: Precalculus 1-2 Honors
- World Languages: French 7-8 Honors; German 7-8 Honors; Japanese 7-8 Honors; Spanish 7-8 Honors

College courses and other college information

Patrick Henry High School offers several courses that offer articulated community college credit through the district's Regional Occupation Program (ROP). These courses are indicated in their respective course descriptions.

Patrick Henry High School offers two community college courses: Math 150,151 and Political Science 1,2. These are higher level courses than AP Calculus and AP Government and are the same courses that are taught at San Diego Mesa College. In conjunction with Mesa College's Accelerated College Program, instructors from the college travel to PHHS to teach these courses during the regular high school day. Students that successfully complete these courses earn units that can be transferred to all UC and CSU colleges and many other private 4-year universities. Please see the Math 150,151 and Political Science 1,2 course descriptions for more information.

UC / CSU Course Information Matrix

Please refer to the UC/CSU course matrix on page 3 for information on a-g electives and weighted credit.

California State University Information

The minimum subject requirements for campuses of the 23-campus California State University System (San Diego State University, etc.) are the same as the a-g requirements for the University of California. The grade point average calculation includes only grades earned in 10th-12th grades in classes used to satisfy the 15-credit college prep course requirements. For more information, please refer to the CSU website at <http://www.csumentor.edu>.

Independent Four-Year Colleges and Universities

Requirements vary from general preparation to extremely rigid requirements. Meeting the University of California criteria would satisfy admission requirements of most independent colleges and universities. Some have requirements for additional years of math, science, and foreign language. Consult the catalog of specific colleges for exact requirements.

California Scholarship Federation (CSF)

The California Scholarship Federation (CSF) is an honor organization established for the purpose of fostering high standards of scholarship, service and citizenship on the part of students of California's senior high schools. Membership in CSF is neither automatic nor compulsory. Eligibility is determined each semester by the grades earned in certain classes and is based on work in grades 10, 11 and 12. First semester 10th graders may be eligible as associate members. CSF membership is based on a point system depending on grades and current course enrollment. For more detailed information on eligibility and point guidelines see the CSF website or contact chapter advisor Mr. Frerichs (mfrerichs@sandi.net).

Students qualifying for CSF membership in four (4) of the six (6) senior high school semesters will be awarded Life Membership status. They will receive a special seal on their diploma and on all college transcripts. Also, they will receive a special gold lamp pin. Active Life members with 10 or more hours of volunteer service each semester for 4 semesters are eligible to wear a CSF honor tassel at the graduation ceremony. In addition, certain scholarships are available only to CSF Life Members.

NCAA eligibility for college Division I and II athletics

If you intend to participate in Division I or II athletics as a college freshman, you must register and be certified by the NCAA Initial Eligibility Clearing House. The eligibility rules have been changed; students will be required to present a minimum of 16 core courses to the NCAA Initial Eligibility Clearinghouse upon graduation in order to qualify for athletically related financial aid, practice and competition in their first year of collegiate enrollment (2009-2010) at an NCAA Division I institution.

After graduation from high school in the spring of 2009, the final certification report, which is based on the academic record from grades 9 through 12, will be evaluated under the following rules:

16 Core Courses

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural / physical science (1 year of lab if offered by high school)
- 1 additional year in English, mathematics or natural / physical science
- 2 years of social science
- 4 years of additional courses (in any of the above areas or foreign language, philosophy or non-doctrinal religion)

Test Scores: Please note that only test scores achieved under national testing conditions on a national testing date are acceptable for initial-eligibility purposes. The NCAA Clearinghouse will not accept scores achieved on state-

administered, residual (campus) or regional testing dates, even if scores from these tests may be used to meet institutional admissions requirements.

Mountain West Conference Rule: Please note that the Mountain West Conference (MWC) has a non-qualifier rule. Students who are certified as non-qualifiers by the NCAA Clearinghouse and whose first-time collegiate enrollment occurs at a MWC institution on or after the Fall of 2003 are permanently ineligible for practice, competition and athletically related financial aid.

More information can be found in the Counseling office and on the NCAA website at <http://www.ncaa.org>.

Career and Technical Education Pathways

Patrick Henry High School offers several pathways that prepare students for career and technical fields as summarized on the chart at the bottom of the page.

Teaching and Human Services Academy

- Interested in teaching or working with children?
- Consider classes in the PHHS Teaching Academy!
- To be an Academy Student you must sign up for 3 hours of Academy Classes
- All courses satisfy UC a-g credit

The Teaching Academy at Patrick Henry is currently being offered to junior and senior students who are interested in educational careers and the related professions of social work, psychology, recreation, or pediatric medical support. This career pathway is centered around a child development theory class (Human Psychology and Sociology) and two practicum classes (ROP Developmental Psychology and ROP Introduction to Teaching and Learning). Companion courses include a junior and senior English class (Society and Children, and Exploring Cultural Diversity), a course emphasizing bilingual experiences (Spanish for Teaching Young Children), AP Psychology, and AP Statistics or Statistics and Data Analysis. These teamed classes offer students the advantages of cross-curricular projects, common teachers, and off-campus teaching experiences with young children. In addition, students of the Teaching Academy are members of the Future Educators of America (FEA) club and have the opportunity to participate in related leadership activities and field trips. Teachers meet to collaborate on students and curriculum at least one full day each semester and during staff development days as opportunity permits.

At least one of these three courses (Grades 11 or 12):

- Human Psychology and Sociology (1 hour class) 3 units college credit with a grade of B or better

- ROP Introduction to Teaching and Learning: (2 hour class) For teachers who want to work in an elementary or secondary school setting, interested in obtaining a four-year degree from a university and a California teaching credential. This course awards 6 units of college credit with a grade of B or better.
- ROP Developmental Psychology of Children: (2 hour class) For teachers who want to work in a preschool setting, interested in attending a community college and obtaining a California child development permit. This course awards 6 units of college credit with a grade of B or better.

And any of the following courses (Grades 11 or 12)

- AP Psychology (1 hour class): Advanced Placement credit available with passing score on the AP Psychology test.
- AP Statistics (1 hour class): Advanced Placement credit available with passing score on the AP Statistics test
- Spanish for Teaching Young Children: (1 hour class) 3 units college credit with a grade of B or better.
- The Art of Public Speaking (1 hour class)
- Core Senior Class: World Literature: Society and Children (Grade 12 - 1 hour class)
- Core Junior Class: American Literature: Exploring Cultural Diversity (Grade 11 - 1 hour class)

AVID (11th / 12th grade) is also recommended

Teaching & Human Services Academy Educational Pathway

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 English 1,2 Cluster English 1,2 Seminar	English 3,4 Adv English 3,4 English 3,4 Seminar	Am Literature Hon American Lit AP Eng Literature	Contemp. Voices World Lit British Lit AP Eng Lang
¹ Mathematics	Alg Explorations	Geometry Adv Geometry	Int Algebra Adv Int Algebra Unifying Alg/Geom	Stats/Data Anal
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus Stats/Data Anal	AP Statistics
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Statistics AP Calculus ² Math 150	AP Statistics ^{2,3} AP Calculus Math 150
Social Science		World History Adv World History AP World History	US History Hon US History AP US History	Gov't / Econ AP Gov't ⁴ AP Economics ² Pol Science
Science	⁵ Physics / Earth Sci Adv Physics	Biology Adv Biology	Chemistry Hon Chemistry AP Chemistry	AP Physics AP Biology AP Chemistry Physiology
⁶ Choice of Required Electives for this Pathway			Human Psychology & Sociology ROP Developmental Psychology ROP Intro to Teaching & Learning AP Psychology AVID	

Footnote explanations are listed on page 22

Engineering Academy

The Engineering Academy is designed for any student with an interest in engineering, architecture, or a technology based career. The Engineering Academy

introduces students to the engineering design process and field of engineering through projects that utilize the latest computer technology. Students will take an engineering course each year that will provide project based hands-on activities that are relevant to today's advancements in technology.

Students in the academy will acquire problem solving and teamwork skills necessary to succeed in higher education and/or technology based careers. Students will also take core classes in English, math, science, and social science that have themes centered on their engineering courses. In addition, students will have the opportunity to visit local companies with an emphasis on technology and engineering, meet with people currently employed in fields involving new and innovative technology, participate in job shadows, attend career and college fairs, and compete with other schools in engineering competitions.

All engineering academy students will also have the opportunity to participate in summer internships between their junior and senior year. The Capstone Course for the Academy, Engineering Design and Development, allows students to design and create a solution to an open-ended engineering problem of their choice, and to present their findings to a panel of local community leaders.

Engineering Academy Educational Pathway

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 Eng 1,2 Cluster Eng 1,2 Seminar	English 3,4 Adv Eng 3,4 Eng 3,4 Seminar	American Lit Hon Am Lit AP Eng Lit	Contemporary Voices Eng (British) Lit AP Eng Language
¹ Mathematics	Alg Explorations	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Calculus ¹ Math 150
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Calculus ² Math 150	AP Statistics ^{2,3} AP Calculus (^{2,3}) Math 150
Social Science	None	World History Adv World Hist AP World Hist	US History Hon US Hist AP US Hist	Gov't/Econ AP Gov't/Econ ⁴ AP Economics ² Pol Science
Science	⁵ Physics (⁵) Earth Sci Adv Physics	Biology Adv Bio	Chemistry Hon Chem AP Chem	AP Physics AP Biology AP Chemistry Physiology
Pathway Electives	Intro to Engr	Prin of Engr Intro to Engr	Civ Engr & Arch Digital Electronics Prin of Engr	Civ Engr & Arch Digital Electronics Engr Design & Dev

Footnote explanations are listed on page 22

Biomedical / Healthcare Pathway

The Biomedical / Healthcare Pathway at Patrick Henry High School currently includes select courses in biology, chemistry and all courses in Human Physiology. These courses will carry a medical emphasis, and students enrolled in the pathway will be involved in such things as field trips to medical and health facilities, job-shadowing, guest-speaker presentations, and be eligible for various internships.

If you are interested in learning more about Biomedical and Healthcare ca-

reer opportunities, and this pathway, contact Ms. Stephanie Baron, Pathway Coordinator, as soon as possible at sbaron@sandi.net or 619-286-7700 ext 4313.

The following table illustrates the pathway for students interested in science and/or math studies with the Biomedical courses listed in **bold** type.

Math / Science Educational Pathway

Biomedical Pathway Courses in bold

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 English 1,2 Cluster English 1,2 Seminar	English 3,4 Adv English 3,4 English 3,4 Seminar	Am Literature Hon American Lit AP Eng Literature	Contemporary Voices British Lit AP Eng Language
¹ Mathematics	Algebra Explorations	Geometry Adv Geometry	Int Algebra Adv Int Algebra Unifying Alg/Geom	Precalculus Hon Precalculus Stats/Data Analysis
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus Stats/Data Analysis	AP Statistics AP Calculus ¹ Math 150
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Statistics AP Calculus ² Math 150	AP Statistics AP Calculus ^{2, 3} Math 150
Social Science		World History Adv World History AP World History	US History Hon US History AP US History	Gov't / Economics AP Gov't ⁴ AP Economics ² Pol Science
Science	⁵ Physics / Earth Sci Adv Physics	Biology Medical Biology Advanced Biology	Chemistry Hon Chemistry AP Chemistry	AP Physics AP Biology AP Chemistry Physiology
Electives			AP Environmental Science AP Psychology	
Medical Science Pathway Electives		Medical Biology	Medical Chemistry	Physiology

Footnote explanations are listed on page 22

The following sets of course pathways are for students whose interests lie with Humanities and Journalism, Technology and Design, Transportation Technology, Visual and Performing Arts, or World Languages.

Humanities / Journalism Educational Pathway 2009-2010

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 Eng 1,2 Cluster Eng 1,2 Seminar	English 3,4 Adv Eng 3,4 Eng 3,4 Seminar	Am Literature Hon Am Lit AP Eng Lit	Contemporary Voices British Lit AP Eng Language
¹ Mathematics	Alg Explorations	Geometry Adv Geom	Int Algebra Adv Int Alg Unifying Alg/Geom	Precalculus Hon Precalculus Stats/Data Analysis
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus Stats/Data Analysis	AP Statistics AP Calculus ² Math 150
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Statistics AP Calculus ² Math 150	AP Statistics ^{2, 3} AP Calculus (^{2, 3}) Math 150
Social Science	None	World History Adv World Hist AP World Hist	US History Hon US Hist AP US Hist	Gov't/Econ AP Gov't/Econ ⁴ AP Economics ² Pol Science
Science	⁵ Physics ⁵ Earth Sci Adv Physics	Biology Adv Biology	Chemistry Hon Chemistry AP Chemistry	AP Physics AP Biology AP Chemistry Physiology
⁶ Pathways electives	GLOPED GLOPED Seminar Journalism Yearbook ASB AVID NJROTC	Journalism Yearbook ASB AVID NJROTC	Journalism Yearbook AP Art Hist ASB AVID NJROTC	Journalism Yearbook AP Art Hist AP Psychology ASB AVID NJROTC

Footnote explanations are listed on page 22

Technology & Design Educational Pathway

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 Eng 1,2 Cluster Eng 1,2 Seminar	English 3,4 Adv Eng 3,4 Eng 3,4 Seminar	Am Literature Hon Am Literature AP Eng Lit	Contemporary Voices British Lit AP Eng Language
¹ Mathematics	Alg Explorations	Geometry Adv Geometry	Int Algebra Adv Int Algebra Unifying Alg/Geom	Precalculus Hon Precalculus Stats/Data Analysis
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus Stats/Data Analysis	AP Statistics AP Calculus ¹ Math 150
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Statistics AP Calculus ² Math 150	AP Statistics ^{2,3} AP Calculus ^{2,3} Math 150
Social Science		World History Adv World History AP World History	US History Hon US History AP US History	Gov't / Economics AP Gov't ⁴ AP Economics ² Pol Science
Science	⁵ Physics / Earth Sci Adv Physics	Biology Medical Biology Advanced Biology	Chemistry Hon Chemistry AP Chemistry	AP Physics AP Biology AP Chemistry Physiology
Electives	Comp Apps in Bus ROP Comp Gr Des Graphic Comm Tech	ROP Comp Gr Des Graphic Comm Tech	ROP Bus Comp w/GIS ROP Comp Gr Des Tech Support Graphic Comm Tech ROP Comp Aided Des	ROP Bus Comp w/GIS ROP Comp Gr Des Tech Support Graphic Comm Tech ROP Comp Aided Des

Footnote explanations are listed on page 22

Transportation Technology Educational Pathway

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 English 1,2 Cluster English 1,2 Seminar	English 3,4 Adv English 3,4 English 3,4 Seminar	Am Literature Hon American Literature AP Eng Literature	Contemporary Voices British Lit AP Eng Language
¹ Mathematics	Algebra Explorations	Geometry Adv Geometry	Int Algebra Adv Int Algebra Unifying Alg/Geom	Precalculus Hon Precalculus Stats/Data Analysis
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus Stats/Data Analysis	AP Statistics AP Calculus ¹ Math 150
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Statistics AP Calculus ² Math 150	AP Statistics ^{2,3} AP Calculus ^{2,3} Math 150
Social Science		World History Adv World History AP World History	US History Hon US History AP US History	Gov't / Economics AP Gov't ⁴ AP Economics ² Pol Science
Science	⁵ Physics / Earth Sci Adv Physics	Biology Medical Biology Advanced Biology	Chemistry Hon Chemistry AP Chemistry	AP Physics AP Biology AP Chemistry Physiology
Electives			Trans Tech 1,2	Trans Tech 3,4

Footnote explanations are listed on page 22

Visual and Performing Arts Educational Pathway

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 English 1,2 Cluster English 1,2 Seminar	English 3,4 Adv English 3,4 English 3,4 Seminar	Am Literature Hon American Literature AP Eng Literature	Contemporary Voices British Lit AP Eng Language
¹ Mathematics	Algebra Explorations	Geometry Adv Geometry	Int Algebra Adv Int Algebra Unifying Alg/Geom	Precalculus Hon Precalculus Stats/Data Analysis
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus Stats/Data Analysis	AP Statistics AP Calculus ¹ Math 150
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Statistics AP Calculus ² Math 150	AP Statistics ^{2,3} AP Calculus ^{2,3} Math 150
Social Science		World History Adv World History AP World History	US History Hon US History AP US History	Gov't / Economics AP Gov't ⁴ AP Economics ² Pol Science
Science	⁵ Physics / Earth Sci Adv Physics	Biology Medical Biology Advanced Biology	Chemistry Medical Chemistry Hon Chemistry AP Chemistry	AP Physics AP Biology AP Chemistry Physiology
⁷ Electives	Public Speaking Photography (2 years leads to AP Art 2D) Drama (4 yrs) Adv Chorus (1 yr) Ceramics (2 yrs) Drawing and Painting (req'd for AP Art 2D Drawing) Individual Art 1,2		Design in Mixed Media Color and Design String Orchestra (4 years) Choir (4 years) Advanced Band (4 years) Marching Band (4 years) (counts as PE grad credit) Dance / Color Guard (4 years)	

Footnote explanations are listed on page 22

World Languages Educational Pathway

Subject	9th grade	10th grade	11th grade	12th grade
English	English 1,2 English 1,2 Cluster English 1,2 Seminar	English 3,4 Adv English 3,4 English 3,4 Seminar	Am Literature Hon American Literature AP Eng Literature	Contemporary Voices British Lit AP Eng Language
¹ Mathematics	Algebra Explorations	Geometry Adv Geometry	Int Algebra Adv Int Algebra Unifying Alg/Geom	Precalculus Hon Precalculus Stats/Data Analysis
	Geometry Adv Geometry	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus Stats/Data Analysis	AP Statistics AP Calculus ¹ Math 150
	Int Algebra Adv Int Algebra	Precalculus Hon Precalculus	AP Statistics AP Calculus ² Math 150	AP Statistics ^{2,3} AP Calculus ^{2,3} Math 150
Social Science		World History Adv World History AP World History	US History Hon US History AP US History	Gov't / Economics AP Gov't ⁴ AP Economics ² Pol Science
Science	⁵ Physics / Earth Sci Adv Physics	Biology Medical Biology Advanced Biology	Chemistry Hon Chemistry AP Chemistry	AP Physics AP Biology AP Chemistry Physiology
Electives	PHHS offers a four-year sequence in Spanish, French, German, and Japanese culminating in AP courses in a student's senior year. PHHS also offers Spanish for Spanish Speakers for students who are fluent with varying degrees of literacy. A student's placement in a 9th grade World Language course is dependent on his/her language course taken in 8th grade (if any). AP courses are offered as enrollment permits. Students may have the chance to travel to various countries depending on faculty travel plans in that year.			

Pathway footnotes:¹ Math placement in 9th grade is determined by 8th grade course, course grade, and teacher recommendation² Math 150 and Political Science are college courses taught by professors from SD Mesa College³ Though not recommended, students may take Math 150 after successfully completing AP Calculus. Students may not take AP Calculus after completing Math 150⁴ Offered when enrollment permits⁵ Placement dependent on 9th grade math course⁶ Journalism, Yearbook, ASB, AVID and NJROTC may be taken all four years if desired. NJROTC counts as PE credit for graduation requirements⁷ Courses may only be taken once, except where noted

Courses of Study

Courses may not be offered every year depending on student enrollment requests

Art

AP Studio Art 1,2 - Drawing			
Prerequisite: Two years previous art experience with A or B grades or teacher approval; see Mrs. Brown in room 413.			
Course numbers	Grade(s)	UC req't	Weighted
0377, 0378	9-12	f or g	Yes

This course assists seniors in completing a portfolio of work for the Advanced Placement program. Emphasis is placed on composition, observational drawing, and each individual's chosen area of concentration. Enjoy a relaxed atmosphere while making serious art. If you like working independently and working with other dedicated art-makers, this class is for you.

AP Studio Art 2D 1,2 Photography			
Prerequisite: A or B in Photography 1,2 or Photography 3,4 or instructor approval			
Course numbers	Grade(s)	UC req't	Weighted
0367, 0368	12	f or g	Yes

This course assists seniors in completing a portfolio of work for the Advanced Placement program. Students will be given individual time to further develop their skills and techniques in the areas of photography that they are concentrating on. In addition, new processes, techniques and styles in the world of photography and digital imaging will be explored.

AP Art History 1,2			
Prerequisite: Academically able to do college work			
Course numbers	Grade(s)	UC req't	Weighted
0381, 0382	11-12	f or g	Yes

This course is designed to prepare students for the Advanced Placement Examination in Art History. It will also illuminate and magnify learning experiences in the Humanities and world languages courses. Through slide-illustrated lectures, field trips, discussions, and hands-on projects, students will discover how art took its place as one of the great civilizing forces in history. From cave paintings to computer screens, discover art as a universal language, a secret code, propaganda, or even a matter of life and death.

Art 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
0191, 1092	9-12	f	No

A beginner's course in color and design. Be creative, have fun, and acquire

basic skills in drawing, painting, and mixed media. This course provides excellent preparation for advanced courses listed below.

The Art of Film 1,2 (Film Arts 1,2)			
Prerequisite: A or B in preceding English course or teachers recommendation. See Mr. Ojeda in room 114			
Course numbers	Grade(s)	UC req't	Weighted
0389-0390	12	f	No

This course provides in-depth study of the cultural backgrounds, contributions and functions of film, past and present. Aided by film theory and history, students view, analyze and critique films of several divergent genres, styles and eras. This class will provide students with intellectual bases for making aesthetic judgments in film in relation to community life, and enhances the capacity to enjoy film as art in its diverse forms. Course includes controversial and "R" rated films with appropriate parent notification.

Ceramics 1,2			
Prerequisite: None, but 11th and 12th grade students have priority. Freshmen choosing classes for grade 10 should carefully select alternative electives			
Course numbers	Grade(s)	UC req't	Weighted
0231, 0232	10-12	f	No

Use a potters wheel to make cups, bowls, vases and more. This course gives students the opportunity to turn creative urges into ceramic art. Be prepared to work hard, learn a lot, and get dirty.

Ceramics 3,4			
Prerequisite: Ceramics 1,2			
Course numbers	Grade(s)	UC req't	Weighted
0233, 0234	11-12	None	No

Students will build upon skills learned in Ceramics 1-2, and will try more challenging and larger forms. Glazing, kiln loading and decorating demonstrations will give you an understanding of the ceramic process

Color and Design			
Prerequisite: Art 1,2			
Course numbers	Grade(s)	UC req't	Weighted
0241, 0242	11,12	f	No

Learn how to use color and other elements of design to improve your art. Try watercolor, pastel, collage and sculpture. Commercial art applications are explored - advertising, fashion, and industrial design among others.

Drawing and Paint 1,2 (Art 3,4)			
Prerequisite: Art 1,2 with a grade of A or B or teacher approval			
Course numbers	Grade(s)	UC req't	Weighted
0271, 0272	10-12	None	No

Learn to draw things you see in your head! Gain experience in life drawing, composition, and painting techniques. Put your vivid imagination to work at the illustrator's craft while acquiring new skills and discovering hidden talents.

Design in Mixed Media 1,2 (Art 5,6)			
Prerequisite: Art 1,2 with a grade of A or B, or teacher approval.			
Course numbers	Grade(s)	UC req't	Weighted
0244, 0245	11, 12	f	No

An advanced course in drawing, painting, and sculpture for the adventurous art student. Experiment with illustration, collage, printmaking and performance art.

Individualized Art 1,2 - Cartooning			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
0321, 0322	10-12	None	No

From Doonesbury to Marvel and DC comic superheroes, explore the variety in cartoon styles of the masters. Editorial cartooning, comic book panels, caricatures, and commercial applications will be produced.

Photography 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
3691, 3692	10-12	f	No

A beginning course in black and white photography which includes: learning how to use the camera effectively to take the best possible exposure; how to develop a roll of film; how to enlarge a picture to produce a quality print; and how to use composition principles to create the best possible print. In addition, digital imaging is introduced to learn how to use the computer to enhance and broaden the capabilities of making pictures. Cameras and other essential equipment are provided. Supply costs of \$25-40 per semester should be expected.

Photography 3,4			
Prerequisite: A or B grade in Photography 1,2			
Course numbers	Grade(s)	UC req't	Weighted
3693, 3694	11, 12	None	No

Second year photography students continue to develop their skills in the ad-

vanced photography classes. The advanced class is structured so that the student may select the projects that they are working on according to their interests. In addition, students will be introduced to advanced techniques and processes in the field of photography and digital imaging

Business

Computer Applications in Business 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
0723, 0724	9-12	None	No

The focus of this course is to increase student computer literacy skills, keyboard competencies and to introduce students to a variety of computer applications and software with the goal of becoming technologically proficient. These skills are essential for all students going into the work and/or college settings, and are especially useful in gaining access to entry-level business employment opportunities. With this in mind, student will become familiar with the following Microsoft applications: Word, Excel, Access, PowerPoint, Publisher and Front Page as well as other computer graphic software. Furthermore, students will use these applications to design desktop publishing documents, create spreadsheets and graphs, generate and manage databases, design web pages and engage in guided research on the Internet.

Computer Science

ROP Computerized Graphic Design 1,2 1-hour			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
8511, 8512	9-12	f	No

ROP Computerized Graphic Design 1,2,3,4 2-hour			
Prerequisite: Grade 9 Permission of instructor; Grade 10-12 Working knowledge of Windows or Mac operating system and word processing			
Course numbers	Grade(s)	UC req't	Weighted
8511, 8512; 8513, 8514	9-12	f	No

This course can be taken as a two hour or one hour course with flexible scheduling. Students will learn design basics and apply those principles to Web Design, Animation, and Multimedia. Students will learn about career options in Graphic Design through involvement with local industry. Course articulates with local junior colleges. Software includes Adobe Photoshop and Illustrator as well as Macromedia Fireworks, Dreamweaver and Flash. Serves as foundation knowledge for ROP Multimedia Productions. Students create a Graphic Design portfolio and assist in the production of the CD-Rom Yearbook. ROP certificates awarded.

Technology Support 1, 2, 3, 4			
Prerequisite: Requires approval of instructor, see Mr. Abbott in room 406. May be taken as a 1- or 2-hour course any period(s). Course has a heavy emphasis on reading, both on-line sources and technical manuals, specifications, etc.			
Course numbers	Grade(s)	UC req't	Weighted
8923, 8924, 8925, 8926	11, 12	None	No

This course provides entry-level training in computer operating systems and networks. The course will emphasize maintenance and troubleshooting of software and hardware. Students will be providing direct technology support services to the entire school.

This course is articulated with San Diego City college for possible college credit. Employment possibilities include system engineer, technical service and support and network specialist. Instruction will cover the following areas: network topologies, installation and configuration of Windows operating system, managing resources, troubleshooting, selection and installation of peripherals and appropriate drivers, and all aspects of the computer industry. Students will use equipment which includes: computers (at minimum a 486/33 processor with 16MB of memory), Microsoft NT server, Windows 2000 server, Windows 98 and Microsoft Office software. A range of 360 to 675 hours is needed to complete this course.

GEO IS/GT (Geographic Information Systems and Global Technologies)			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
8291, 8292	11-12	Pending	No

GIS and Global Technologies is a one-year college level course designed to provide basic understanding of concepts in Computer/Technology Literacy, the Global Positioning System and Geographic Information Systems (college credit pending approval). Furthermore, the course is designed to introduce students to various GIS technologies, make them aware of career opportunities in this field and to provide them with the skills necessary to pursue further study and employment in the areas of development and utilization of GIS. With these goals in mind, students will use computer applications such as Google Earth and ArcGIS software to complete modules (e.g. Module 3: Physical Geography II: Ecosystems, Climate and Vegetation), designed to help them understand, analyze and interpret information from GIS maps. During the second half of the course students will formulate their own geographic based questions and create GIS projects to investigate and answer them.

This course is an elective, which meets the requirements of an elective course to meet the graduation requirement of San Diego City School. The course also meets the technology literacy graduation requirement.

Drama: See Theater and Public Speaking on page English

English department programming into regular and advanced levels of English at all grade levels is dependent upon students first demonstrating grade-level reading performance on standardized reading tests. Please refer to the English placement chart on page 29 that shows a students progression through the English program. Patrick Henry offers Seminar classes in English and History. More information about this program is on page 12.

9th grade courses

English 1,2			
English 1,2 Collaborative			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1540(G), 1541(G)	9	b	No

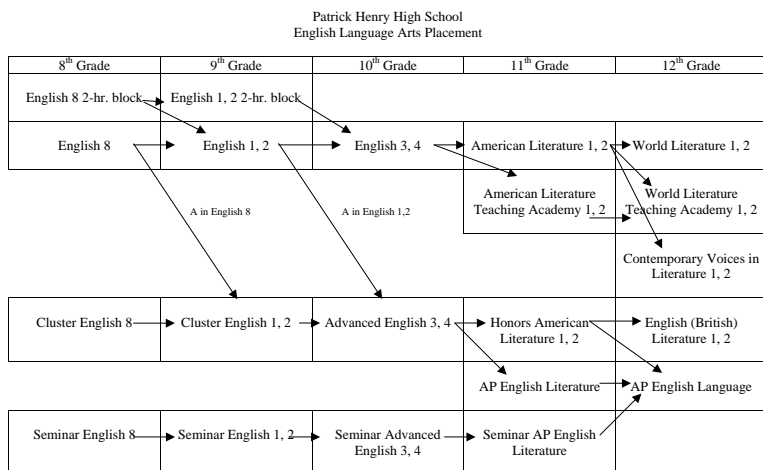
None This required 9th grade course which emphasizes the thematic study of literature in major genre areas: short story, nonfiction, drama, poetry and the novel. The activities interrelate reading, writing, oral communication, and language study, which includes grammar, usage, and standard forms of American English.

English 1,2 Cluster			
Prerequisite: Reading at or above grade level and B or better in last advanced English course or in last regular English course. See the Guidelines for Student Placement in Advanced Classes on page 13			
Course numbers	Grade(s)	UC req't	Weighted
1540C, 1541C	9	b	No

This cluster class emphasizes qualitatively different curricular and instructional strategies. The course emphasizes the thematic study of literature in major genre areas: short story, nonfiction, drama, poetry and the novel. The activities interrelate reading, writing, oral communication, and language study, which includes grammar, usage, and standard forms of American English. Emphasis is placed upon more advanced writing skills, along with numerous opportunities to perfect reading, speaking, and listening skills.

English 1,2 Seminar			
Prerequisite: Identified seminar students only (as determined by district GATE tests and guidelines) may participate in the seminar program			
Course numbers	Grade(s)	UC req't	Weighted
1540S, 1541S	9	b	No

This English class explores masterpieces of world literature with an emphasis on the cultural implications of each within historical context. There are many



Placement at the next grade level is contingent upon successful academic performance and teacher recommendation.

opportunities for individual learning, group projects and in-depth research study with a special focus on advanced writing skills with rigorous standards. Students should also be prepared to independently read a variety of advanced level fiction and nonfiction.

10th grade courses

English 3,4			
English 3,4 Collaborative			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1570(G), 1571(G)	10	b	No

This course, or Advanced English 3,4, is required of all students in Grade 10. This course emphasizes different modes of communication, as well as particular types of literature: short story, nonfiction, drama, poetry and the novel. The activities interrelate reading, writing, oral communication, and language study, which includes grammar and usage.

Advanced English 3,4			
Prerequisite: Reading at or above grade level and B or better in previous advanced English course or in last regular English course. See the Guidelines for Student Placement in Advanced Classes on page 13 for more information.			
Course numbers	Grade(s)	UC req't	Weighted
1572, 1573	10	b	No

This rigorous course is designed to meet and exceed the requirements of the California State Standards for grade 10 advanced, pre-AP, and college or university bound students. This course develops and fosters reading strategies and college level writing skills. The vocabulary development program is designed to improve scores on the SAT college admissions test. Students in this course read a wide variety of challenging titles from our World Literature textbook, as well as many selected supplemental titles.

Advanced English 3,4 Seminar			
Prerequisite: Identified seminar students only (as determined by district GATE tests and guidelines) may participate in the seminar program.			
Course numbers	Grade(s)	UC req't	Weighted
1572S, 1573S	10	b	No

The curriculum emphasizes the thematic study of literature in major genre areas: short story, non-fiction, drama, poetry, and the novel. The course also provides an opportunity to investigate the related worlds of history, art and music. This is a one-period class, small and offers many chances for individualized field trips, and in-depth research opportunities. More information about this program is on page 12.

11th grade courses

American Literature 1,2			
American Literature 1,2 Collaborative			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1583(G), 1584(G)	11	b or g	No

This course enables students to understand that American literature reflects social, political and moral issues in the United States. In addition, students develop proficiency in reading, writing, speaking and listening; in expressing their ideas on significant problems of American life; and in studying the techniques used by writers and national leaders in describing the American scene of both the past and the present.

American Literature 1,2 Teaching Academy			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1583A, 1584A	11	b or g	No

This course enables students to understand that American literature reflects social, cultural, political, and moral issues in the United States. The study of literature will focus on multicultural experiences and issues in the United States. In addition, students develop proficiencies in reading, writing, speaking, and listening; in expressing their ideas on significant problems of American life; in studying the techniques used by writer and national leaders in describing the American scene of both the past and the present. Students will examine how literature and history affect teaching and working with students of diverse cultural backgrounds. This Teaching Academy course is designed to be a companion course to US History and Geography 1,2: Exploring Cultural Diversity. See the Teaching Academy section on page 17 for more information.

Honors American Literature 1,2			
Prerequisite: Reading at or above grade level and A or B in previous advanced English class or in last regular English class			
Course numbers	Grade(s)	UC req't	Weighted
1589, 1590	11	b or g	Yes

Includes historical influences on writers, development of national literature and realism in a century of world struggle. Emphasizes composition, analysis of literature and intensive vocabulary study.

Advanced Placement English Literature and Composition 1,2			
Prerequisite: B or better in Advanced English 3/4			
Course numbers	Grade(s)	UC req't	Weighted
1653, 1654	11	b or g	Yes

Emphasizes mature study of drama, poetry, novels, essays, and development of proficiency in college-level composition. Develops critical judgment and encourages analytical and sensitive reading of selected works. Attempts to prepare the student to pass the advanced placement exam.

Advanced Placement English Literature and Composition 1,2 Seminar			
Prerequisite: Identified seminar students only (as determined by district GATE tests and guidelines) may participate in the seminar program.			
Course numbers	Grade(s)	UC req't	Weighted
1653S, 1654S	11	b or g	Yes

Seminar students take this course in conjunction with AP US History Seminar. The seminar block AP English Literature and Composition course is specifically designed to coordinate the curriculum throughout the year. This course prepares students to pass the Advanced Placement English Literature and Composition exam.

Note: This course requires completion of a summer assignment before the opening of school in the fall.

12th grade courses

World Literature 1,2 (Teaching Academy)			
Prerequisite: Enrollment in the Teaching Academy or AVID			
Course numbers	Grade(s)	UC req't	Weighted
1705, 1706	12	b or g	No

This course explores literature which emphasizes the human experience. Emphasis will be placed on examining how literature both reflects and shapes us from childhood into adulthood. Students will hone their ability to express themselves with both the spoken and written work via literary works from around the world. This course meets all grade-level state standards and is UC approved for a-g requirements. See page 8 for information on other companion courses offered through the Teaching Academy.

Contemporary Voices in Literature 1,2			
Contemporary Voices in Literature 1,2 Collaborative			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1612(G), 1613(G)	12	b or g	No

This is a course in which a selection of thematic and genre units emphasize 20th and 21st century literature. The course begins by surveying selected major writers and influences from various historical periods and cultures. The remaining course of study will focus on the commonality and universality of themes throughout literature. Reading, writing, oral communication and listening skills will be interrelated in each unit. Units include heroes, alienation, drama, nonfiction and evolving world. All units interrelate writing, oral communication, and language study with the literature studied.

English (British) Literature 1,2			
Prerequisite: Must have completed Advanced English 3,4 and Honors American Literature 1,2 with an average grade of B or better OR consent of instructor. See Mrs. Frerichs in room 122.			
Course numbers	Grade(s)	UC req't	Weighted
1641, 1642	12	b or g	No

A course designed for seniors who have successfully pursued the Advanced English program to meet college level academic challenges in reading, speaking, listening and language study. Students will also learn how to read and write rhetorically. To facilitate study in each of these areas, teachers and students will select appropriate works from the English literary tradition.

Advanced Placement English Language and Composition 1,2			
Prerequisite: B or better in Honors American Literature or C or better in Advanced Placement English Literature and Composition			
Course numbers	Grade(s)	UC req't	Weighted
1655, 1656	12	b or g	Yes

AP English Language and Composition is intended to provide high-achieving students the opportunity to study college-level English in the senior year. Using core American literature, students will study rhetorical analysis with an emphasis on expository and analytical writing. Students will be prepared to successfully pass the AP English Language exam in the spring. Note that this course required completion of a summer assignment before the opening of school in the fall.

Other English courses

ESL 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1621, 1622	9,10	See note	No

ESL 3,4			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1623, 1624	9,10	See note	No

ESL 5,6			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1625, 1626	9,10	See note	No

English instruction for limited English-speaking students. Placement decisions are coordinated through the ELL department chairperson. There are also special sections of two-hour literacy block courses at 9th grade for students who need additional support reaching English Language Arts standards in reading and writing. See course descriptions for English.

Note: Satisfies UC b or g requirement but you may only include one year of ELD courses to satisfy the b requirement.

ELA CAHSEE Support			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1671	10-12	None	No

In this course, students will study the structure of the California High School Exit Exam (CAHSEE) and the requisite literacy skills needed to pass the exam successfully. Students will receive explicit instruction, facilitated practice, and independent practice with feedback as they examine study techniques, literacy skills and strategies, on-demand writing, and the 4-point rubric used to score the writing component. This course is designed to be offered within the regular school day. This is a one-semester course, but multiple credit is allowed. This does not fulfill the English graduation requirement.

Family and Consumer Science

Human Psychology and Sociology			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1154, 1155	11, 12	g	No

Explore human behavior and development from birth to death. Topics include self-analysis and the affects early childhood upbringing has on personal self-esteem, success, and relationships. Other topics include love, marriage, divorce, sexuality, social attitudes, coping with stress, cultural customs, dealing with death, and current social issues. This course covers many components of the human life cycle and experience. Activities include guest speakers and field trips. The class webpage is at <http://henry.sandi.net/staff/cpauchni>.

Note: Three units of articulated college credit are awarded with a grade of B or better and application. See page 8 for more information about the Teaching Academy companion courses.

ROP Developmental Psychology Children 1,2, 3,4			
Prerequisite: Must have passed the CAHSEE, Human Psychology and Sociology 1,2 or AP Psychology is recommended. ROP Developmental Psychology Children 1,2 is a prerequisite to the 3,4 course.			
Course numbers	Grade(s)	UC req't	Weighted
8720, 8721	11, 12	g	No

This is a two-hour per day course that provides training for entry-level positions in preschool and early childhood education programs, and licensed family day care. Nine weeks of instruction covers early child development, child guidance techniques, and developmentally appropriate curriculum which includes teaching language, math, science, music, art, and motor development to young children. Off-campus training in community schools follows for 3 nine-week rotations (150 hours off-campus). Four high school credits will be earned for successful completion of this one year course. View the course website at <http://henry.sandi.net/staff/mnoakes>. See page 17 for more information about the Teaching Academy companion courses.

Note: Six units of articulated college credit are awarded with a grade of B or better and application.

ROP Introduction to Teaching and Learning (one hour per day)			
Prerequisite: Must have passed the CAHSEE; Human Psychology and Development 1,2 or AP Psychology is recommended.			
Course numbers	Grade(s)	UC req't	Weighted
8784, 8786	11, 12	g	No

This one-hour per day course provides preparation for secondary teaching and related careers on the PHHS campus. Instruction is the same as above, but stu-

dents will be assigned to a PHHS teacher on campus for training as a teaching assistant for two 18-week rotations (75 hours on campus). Two high school credits will be earned for successful completion of this one year course. View the course website at: <http://henry.sandi.net/staff/mnoakes>.

Note: Three units of articulated college credit are awarded with a grade of B or better and application. See page 17 for more information about the Teaching Academy companion courses.

ROP Introduction to Teaching and Learning (two hours per day)			
Prerequisite: Must have passed the CAHSEE; Human Psychology and Development 1,2 or AP Psychology is recommended.			
Course numbers	Grade(s)	UC req't	Weighted
8784, 8785; 8786, 8787	11, 12	g	No

The two-hour per day course provides preparation for teaching and related careers off-campus in elementary schools. Instruction includes school-age growth and development principles, teaching techniques, and material design for elementary classroom use. Students will be assigned to an elementary school to train in the classroom as teaching assistants and use related equipment for four 9-weekrotations (150 hours off campus). Four high school credits will be earned for successful completion of this one year course. View the course website at: <http://henry.sandi.net/staff/mnoakes>.

Note: Six units of articulated college credit are awarded with a grade of B or better and application for the two-hour per day course. See page 17 for more information about the Teaching Academy companion courses.

History / Social Studies

History / Social Studies Placement Chart

9th grade	10th grade	11th grade	12th grade
	World History	US History	Government / Economics
GLOPED	Adv World History (or) AP World History	Honors US History (or) AP US History	AP Government / Economics Political Science
		AP Psychology (elective taken 11th or 12th grade)	

9th grade courses

GLOPED - Global Political and Economic Decisions			
Prerequisite: B or better in 8th grade social studies			
Course numbers	Grade(s)	UC req't	Weighted
6649, 6650	9	a or g	No

This course will focus heavily upon several aspects of human geography. These will include:

- The Nature of and Perspectives on Geography
- Population
- Cultural Patterns and Processes
- Political Organization of Space
- Agricultural and Rural Land Use
- Industrialization and Economic Development
- Cities and Urban Land Use

The instructor strongly encourages interested students and parents to visit the class web page at <http://henry.sandi.net/staff/mprudn> and to click on the Frequently Asked Questions link. It is highly recommended that students considering AP World History in the tenth grade have taken GLOPED and received an A or B.

10th grade courses

World History and Geography 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
6605, 6606	10	a or g	No

This course examines the themes of culture, energy/environment, geography, economics, and race/human relations in a variety of regions over successive historical epochs. Students in grade ten will study major turning points that shaped the modern world, from early origins of democracy to post WWII. They will trace the rise of democracy and develop an understanding of the historical roots of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts stemming from industrialization, imperialism and philosophical movements.

Advanced World History 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
6645, 6646	10	a or g	No

Students in grade ten study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. They also consider multiple accounts of events in order to understand international relations from a variety of perspectives.

Advanced Placement World History 1,2			
Advanced Placement World History Seminar			
Prerequisite: A or B in 9th grade English class. STRONGLY recommended for students that have taken GLOPED in 9th grade AND received an A or B.			
Course numbers	Grade(s)	UC req't	Weighted
6639(S), 6640(S)	10	a or g	No

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of change in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Periodization, explicitly discussed, forms an organizing principle to address change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the core of world history as a field of study.

It is recommended that you speak with Mrs. Thomas or Mr. Pruden before enrolling in the course. It is also recommended that you visit Mr. Pruden's web page (<http://henry.sandi.net/staff/mpruden>) to read the course syllabus as well as visit the course homework page to get a better idea of the work involved and pacing of the course. The course involves a summer assignment and covers a chapter per week in the textbook.

The Seminar student will take the AP World History course in conjunction with Adv English 3,4 Seminar

11th grade courses

US History and Geography 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
6701, 6702	11	a or g	No

The course examines political, economic and social trends with a focus on continuity and change in the twentieth century, as well as study of basic social studies skills.

Honors US History and Geography 1,2			
Honors US History and Geography 1,2 Seminar			
Prerequisite: A or B in Advanced World History or AP World History and strong reading skills			
Course numbers	Grade(s)	UC req't	Weighted
6711(S), 6712(S)	11	a or g	Yes

This course provides students of higher achievement and motivation a study

of American history with the focus on the 20th century. The course utilizes a college-level text and stresses critical analysis of turning points in the development of American ideals and institutions. Assessments and curriculum will include primary source analysis, extensive reading of text, essay writing, and research projects.

Advanced Placement US History 1,2			
Prerequisite: A or B in Advanced World History or AP World History			
Course numbers	Grade(s)	UC req't	Weighted
6721, 6722	11	a or g	Yes

This course provides challenging and effective instructions for grade 11 students at the highest achievement level. It helps students develop critical judgments by encouraging them to read, analytically and sensitively, carefully chosen selections from both secondary and primary sources that explore the ideals, traditions, and institutions of the United States as well as the unity and diversity among American people. Emphasis is given to interpretations of major historical themes and evidence.

The course follows the standard syllabus of Advanced Placement United States History as specified by The College Board; it prepares students to satisfactorily complete the Advanced Placement Exam in US History and to earn college credit. Note that this course requires completion of a summer assignment before the opening of school in the fall.

Seminar students take this course in conjunction with AP English Literature and Composition. The 11th grade AP Humanities block is designed to integrate the skills necessary to both English and history courses, while providing the support of a humanities team. Both parts of the block will prepare students for the rigor of the Advanced Placement examinations in both U.S. History and Literature. The literature and history curriculum complement one another and are designed to provoke critical thinking and inquiry in an atmosphere of academic rigor and support. Students enrolling in the course must complete a summer reading assignment.

The seminar block AP US History course is specifically designed to coordinate the literature and American history curricula throughout the year. See the Seminar section of this catalog for more information

12th grade courses

Government and Economics 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
6757, 6758	12	See note below	No

Course provides basic knowledge of purpose, structure, and operation of the American government and an in-depth study of the American economic sys-

tem.

Note: Government semester satisfies UC a or g requirement; Economics semester satisfies g requirement only

Advanced Placement US Government and Politics 1 / Economics 1			
Prerequisite: C or better in AP US History, B or better in Advanced US History, A in regular US History and teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
6839, 6840	12	a or g	Yes

This is a college level one-semester course designed to provide a solid foundation of our U.S. Government and a realistic understanding of the workings of the American political system. Students will be prepared to take the advanced placement exam in May which may qualify them for college credit. The class will include frequent discussion of controversial topics and the issues of the day. Many opportunities will be offered for students to get involved in local issues and become meaningful participants in off-campus government organizations.

The second semester covers the Economics 1 curriculum, an in-depth study of the American economic system. This will integrate economics education within the existing California framework and is designed to fulfill California state requirements for all graduating seniors.

Note: Only the AP US Government section carries the AP designation and offers weighted credit

Political Science 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
6825, 6826	12	g	See note

This comprehensive survey course provides a detailed study of the American political system. Both national and California systems will be examined focusing on constitutional frameworks, institutions, issues, policies, and citizen participation. Students must demonstrate superior ability in social studies. Community College course and credit. Students may earn up to six units of community college credit transferable to the California UC and State University systems, and most other four year institutions. Must be taken in addition to the credits needed for high school graduation. Passing district proficiency test in economics is a requirement of the course. No enrollment fee is required for students that meet the college's residency requirements but students are responsible for book expenses of approximately \$60 per semester. There is no high school credit given for this course, but it meets high school American Government graduation requirement, college entrance requirements, and offers 3 units of community college credit per semester. Will include U.S. Con-

stitution unit and test. Students are required to remain on campus enrolled in study hall on days when class does not meet.

Note: Course grade is not included in high school GPA but course is weighted for admission purposes and satisfies the US Government graduation requirement

Elective courses

Advanced Placement Art History 1,2			
Prerequisite: Academically able to do college-level work			
Course numbers	Grade(s)	UC req't	Weighted
0381, 0382	10-12	f or g	Yes

This course is designed to prepare students for the Advanced Placement Examination in Art History. It will also illuminate and magnify learning experiences in the Humanities and world languages courses. Through slide-illustrated lectures, field trips, discussions, and hands-on projects, students will discover how art took its place as one of the great civilizing forces in history. From cave paintings to computer screens, discover art as a universal language, a secret code, propaganda, or even a matter of life and death.

Advanced Placement Psychology 1,2			
Prerequisite: B or better in second semester of most recent English and Social studies classes.			
Course numbers	Grade(s)	UC req't	Weighted
6834, 6835	11, 12	g	Yes

A college level course designed to prepare students to pass the Advanced Placement exam in psychology. Emphasizes the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomenon associated with each of the major subfields within psychology: biological basis of behavior, sensation and perceptions, learning, cognition, motivation and emotions, developmental psychology, personality, testing, abnormal psychology, treatment of psychological disorders and social psychology. May qualify for a semester of college credit.

See page 17 for more information on other Teaching Academy companion courses.

Industrial Technology

Graphic Communications Technology 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
3621N, 3622N	9-12, See note	None	No

This course introduces the students to the fields of photography, silkscreen,

offset printing, and desktop publishing to plan, design, and print projects on paper and Tee Shirts. The student will develop the knowledge and skill necessary for exploring the basic printing and photographic process. Students will also learn safety procedures, tool usage and material utilization, in addition to teamwork and cooperation, while planning and completing a variety of projects. Student will plan, design, and layout a printing project to be reproduced by either lithography or screen processes. Each student will use a desktop publishing program on the computer to aid in the production of a printed project. They will also operate the offset press, with assistance, for the purpose of lithographic reproduction. Each student will learn to load a camera with film, operate the camera properly to take pictures, and develop black and white film.

Note: 11th and 12th grade students will have priority placement in this course.

Introduction to Engineering Design 1,2			
Prerequisite: Grades 9, 10 for Engineering Academy students prerequisites: C or better in Algebra 1,2 or Algebra Explorations 9 and currently enrolled in Geometry or Adv Geometry; Grades 9-12 for all other students with no prerequisites.			
Course numbers	Grade(s)	UC req't	Weighted
3542, 3544	9, 10	g	No

This course teaches problem solving skills using the design development process. Students learn how to express ideas graphically by means of freehand sketching and instrument drawings.. Students design, draft, compute, create, analyze, and learn standard engineering procedures using advanced design software. Puzzle cubes, desktop organizers, and toys are a few of the many projects students design. The course will use an interdisciplinary approach providing students a chance to see the real-world applicability of the math, science, and English concepts and skills they are learning in their required academic courses. Provides an excellent preparation for Principles of Engineering.

ROP Multimedia Productions 1,2			
Prerequisite: Advanced computer skills and consent of instructor			
Course numbers	Grade(s)	UC req't	Weighted
8839, 8840	10-12	f	No

ROP Multimedia Productions 1,2,3,4			
Prerequisite: Advanced computer skills and consent of instructor			
Course numbers	Grade(s)	UC req't	Weighted
8572, 8573	10-12	f	No

This course can be taken as a one- (8839, 8840) or two-hour-per-day course (8572, 8573) with flexible scheduling. Two hours per day is recommended. Students will create and produce movies combining motion graphics and 3D animation with digital video and audio. Students will learn about career op-

tions in Multimedia Design through involvement with local industry. Students create a Multimedia Design portfolio, produce a video show and assist in the production of the CD Yearbook. ROP completion certificates awarded.

ROP Principles of Engineering 1,2			
Prerequisite: Successful completion of Algebra 1,2 or Algebra Exploration 9 and Geometry 1,2 or Honors Geometry 1,2			
Course numbers	Grade(s)	UC req't	Weighted
8847, 8848	11-12	g	No

This course introduces students to the field of engineering and engineering technology through a hands-on project based curriculum. Students are presented with real world engineering problems to see how math, science and technology are used in engineering/manufacturing processes, and technology systems. Students will see first hand how engineering can benefit mankind as well as social and political consequences of technological change.

Instruction covers civil, electrical, environmental and mechanical engineering. Students use equipment that includes computers, measuring instruments, and drafting equipment.

ROP Engineering Design and Development 1,2			
Prerequisite: C or better in Principles of Engineering 1,2			
Course numbers	Grade(s)	UC req't	Weighted
8404, 8405	11-12	See note	No

This capstone course is an engineering research course in which students work in teams to research, design, and construct a solution to an open-ended engineering problem. Students apply principles developed in preceding engineering courses and are guided by a community mentor. Students will submit a final written report and defend their solutions to a panel of outside reviewers at the end of the year.

Note: UC approval is pending

ROP Civil Engineering / Architecture 1,2			
Prerequisite: Intro to Engineering Design 1,2 or Drafting 1,2			
Course numbers	Grade(s)	UC req't	Weighted
8171, 8172	11-12	See note	No

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. Students also develop basic skills in the area of Architectural drafting and design. This course covers topics such as:

- The Roles of Civil Engineers and Architects

- Project Planning
- Site Planning
- Building Design
- Project Documentation and Presentation

Note: UC approval is pending

ROP Digital Electronics			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
8957, 8958	11-12	See note	No

This course is open to anyone with an interest in electronics, computers, or Microprocessors. The student will be introduced to the basics of electronics, breadboarding, and design logic while using computer simulator software. Students will develop the knowledge and skills necessary to construct and test electronic circuitry for functionality. This is a hands-on project-based course where students will have the opportunity to design and build their own digital clock, dice, and other teacher- and student-selected projects

Note: UC approval is pending

Journalism, Yearbook, and Media Studies

Journalism 1,2			
Prerequisite: A final spring grade of B or better in English or approval by Ms. Baris.			
Course numbers	Grade(s)	UC req't	Weighted
1960, 1961	9-12	None	No

The course is open to anyone with an interest in writing and newspaper publication. Students will learn the basics of reporting and writing in various genres of newspaper publication as well as advertising, editing, photography and interviewing techniques. Finally, students will gain the experience of creating a newspaper using the desktop publishing and graphics applications Adobe Pagemaker and Photo Deluxe. Students who successfully complete the course may advance to Journalism 3, 4 and the publication of the school newspaper, the Patriot Press.

Journalism 3,4			
Prerequisite: A grade of A or B in Journalism 1,2 with teacher approval (see Ms. Baris). Student must be computer literate			
Course numbers	Grade(s)	UC req't	Weighted
1962, 1963	10-12	None	No

Gain a comprehensive familiarity with the process of producing the Patriot Press. Students will work as assistants to page editors. Learn the more advanced elements of desktop publishing through interviewing, writing, adver-

tising, editing, cartooning, layout, and photography. You will be expected to contribute regularly to the school newspaper. You may be required to stay after school to complete assignments. Students who successfully complete the course may advance to Journalism 5,6.

Journalism 5,6			
Prerequisite: A grade of A or B in Journalism 3,4 with teacher approval (see Ms. Baris). Ability to do newspaper layout on the computer.			
Course numbers	Grade(s)	UC req't	Weighted
1964, 1965	10-12	None	No

Students in this class will be responsible for producing the school newspaper. You may be required to stay after school to complete assignments. See description of Journalism 3,4.

Publications 1,2 Yearbook			
Prerequisite: Teacher approval and application required. See Mr. Bolton for more information			
Course numbers	Grade(s)	UC req't	Weighted
8421	9-12	None	No

This staff produces the schools yearbook using Adobe Pagemaker 6.5 and Photoshop. Editors, writers, photographers, and students seeking business background are needed. Some after school and/or weekend time will be required to take photos and meet deadlines. Only a few 9th graders with yearbook experience will be selected.

Mathematics

Students have many different options for study in mathematics. The San Diego City School District requires three years (six semester units) of mathematics:

- Algebra Explorations 1-2 or Algebra 1-2 in middle school
- Geometry 1-2
- and one of
 - Intermediate Algebra 1-2
 - Unifying Algebra and Geometry 1-2
 - Statistics and Data Analysis 1-2

Algebra and/or Geometry courses taken in 7th or 8th grade may be used to satisfy the mathematics requirement. It is important to state that the courses listed above represent the minimum graduation requirements for math. Students wishing to apply to college will want to have four years of mathematics selected according the math sequencing chart listed on the next page. Students that will pursue science, math, medicine or engineering in college should take math classes that lead to Math 150,151 or AP Calculus 1-2. Students interested in the humanities, fine arts or social science should consider taking AP Statistics 1-2 or Statistics and Data Analysis 1-2 as part of their high school math

course of study. A math placement chart that shows a students progression through the math program is on page 46

Algebra Explorations 9th 1,2			
Algebra Explorations 9th 1,2 Collaborative			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
4032(G), 4033(G)	9	c	No

This elementary algebra course has been adopted as part of the school districts targeted efforts to support student achievement. It offers students who perform below grade level a standards-based curriculum in Algebra and prepares students for Intermediate Algebra in 11th grade. The course assists students in learning the fundamentals of problem solving by using methods that were not available to them at the arithmetic level. Students who fail this class will be required to earn the credit in summer school, night school or some other district-approved credit recovery course.

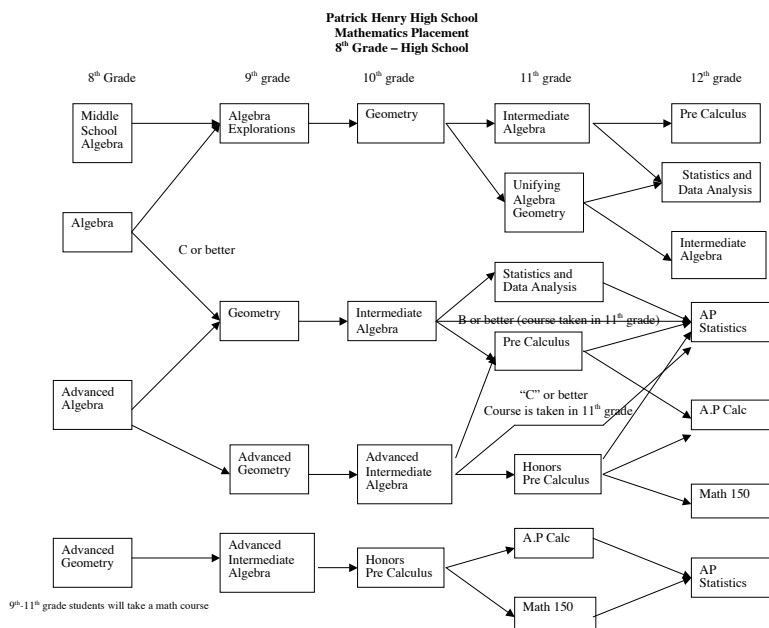
Geometry 1-2			
Geometry 1-2 Collaborative			
Prerequisite: C or better in middle school algebra and qualifying score on placement test to take Geometry in 9th grade. All students will take Geometry in 10th grade unless they have previously earned credit.			
Course numbers	Grade(s)	UC req't	Weighted
4141(G), 4142(G)	9-12	c	No

This is the standard course in which students study geometric concepts and direct and indirect proof of geometric relationships.

Advanced Geometry 1-2			
Prerequisite: Advanced 1st year algebra with a minimum grade of B and required qualifying score on math placement test.			
Course numbers	Grade(s)	UC req't	Weighted
4175, 4176	9	c	No

This course is designed for grade 9 students with a very high achievement level. Students will learn Euclidean geometry, some coordinate and transformational geometry, measurement formulas, three-dimensional figures and formulas, and proofs. It is designed to acquaint students with the logical structure of mathematics as found in geometry and in some additional topics in algebra.

Unifying Algebra and Geometry 1-2			
Unifying Algebra and Geometry 1-2 Collaborative			
Prerequisite: Passing grades in 1st year Algebra or Algebra Explorations 9 and Geometry			
Course numbers	Grade(s)	UC req't	Weighted
4121(G), 4122(G)	11, 12	None	No



This course is designed to help students meet the content and performance standards of the courses being reviewed. Counts as a mathematics credit toward high school graduation for the classes of 2002 and 2003 BUT does NOT count as the third year of college prep mathematics required for 4-year college entrance.

Intermediate Algebra 1-2			
Prerequisite: Minimum grade of C in Geometry or Advanced Geometry			
Course numbers	Grade(s)	UC req't	Weighted
4151, 4152	9-12	c	No

This second-year algebra course reviews and considerably extends the algebraic concepts developed in the previous algebra course, with emphasis on breadth and depth of understanding. May be taken prior to geometry by mature, motivated students with teacher recommendation

Advanced Intermediate Algebra 1-2			
Prerequisite: A or B in Advanced Geometry or C in Advanced Geometry with teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
4065, 4066	9,10	c	No

Topics include quadratic equations, systems of linear equations, exponential

and logarithmic equations. This course reviews and considerably extends the algebraic concepts developed in the previous course, with emphasis on breadth and depth of understanding.

Precalculus 1-2			
Prerequisite: Intermediate Algebra 2 with a minimum grade of C			
Course numbers	Grade(s)	UC req't	Weighted
4161, 4162	10-12	c or g	No

The course includes two semesters of integrated concepts of trigonometry and advanced algebra in such a form as to make them most useful for later study of analytic geometry and calculus. This course also includes an introduction to topics in discrete mathematics.

Honors Precalculus 1-2			
Prerequisite: Advanced Intermediate Algebra 2 with a minimum grade of B or better or teacher recommendation.			
Course numbers	Grade(s)	UC req't	Weighted
4181, 4182	10-12	c or g	Yes

This course is offered to students in grades 10-12 who have demonstrated superior achievement and motivation in mathematics. The course is designed to be a third-year course in algebra. It includes a strong treatment of trigonometry, limits, and algebraic functions. After successful completion of this course, the student will be prepared for the first course of calculus.

Intended for students with a commitment to pursue AP Calculus 1-2 or Math 150,151 in grades 11 or 12.

Statistics and Data Analysis 1-2			
Prerequisite: C or better in 1st year Algebra or Algebra Explorations 9 and Geometry			
Course numbers	Grade(s)	UC req't	Weighted
4046, 4047	11, 12	c or g	No

This course will introduce students to the major concepts of probability, interpretation of data and statistical problem solving. Students will learn the concepts of this course through hands-on experimentation and investigation. They will analyze existing data as well as data collected through a survey, observational study, or an experiment. Students will display the data in different ways, analyze the data, and then draw conclusions based on the results. The use of computer and graphing calculators is an essential component of this course.

Advanced Placement Statistics 1-2			
Prerequisite: B or better in Intermediate Algebra or C or better in Precalculus or Statistics and Data Analysis. Permission of instructor is required for 10th grade students.			
Course numbers	Grade(s)	UC req't	Weighted
4055, 4056	10-12	c or g	Yes

This course prepares students to take the Advanced Placement Exam in Statistics. Advanced Placement Statistics includes topics regularly covered in a college statistics course. Students are introduced to major statistical concepts and tools for collecting and analyzing data. Graphical and numerical techniques are used to study patterns and departures from patterns, planning a study: deciding what and how to measure, anticipating patterns: producing models using probability theory and simulation, and statistical inference: confirming models. Graphing calculator skills are emphasized. Students who take the Advanced Placement Exam may obtain college credit for this course. Students who are interested in a degree in math, science or engineering should take Precalculus 1,2 prior to AP Statistics.

See page 17 for more information on other Teaching Academy companion courses.

Advanced Placement Calculus AB 1-2			
Prerequisite: C or better in Precalculus or Honors Precalculus			
Course numbers	Grade(s)	UC req't	Weighted
4189, 4190	11, 12	c or g	Yes

This course prepares students to take the Calculus AB Advanced Placement exam. It is designed for students who plan to continue in calculus. Topics include algebraic, trigonometric, exponential, and logarithmic functions; limits and continuity, study of derivatives and rates of change, techniques of integration and applications of derivatives and integrals.

Math 150, 151			
Prerequisite: Precalculus or Honors Precalculus with a minimum grade of B AND qualifying exam score and/or teacher recommendation.			
Course numbers	Grade(s)	UC req't	Weighted
4191, 4192	11, 12	c or g	See note

This course is offered for students who demonstrate a high ability and/or achievement in mathematics and achieve a minimum required score on the qualifying test.

Techniques, theory, and applications of limits, derivatives, and integrals. Covers algebraic, trigonometric, logarithmic, exponential, hyperbolic, parametric, and vector-valued functions of a single variable; series; polar coordinates, and enrichment topics. Nine semester units of college credit. No high school credit but Algebra through Precalculus will supply 8 credits toward diploma require-

ment when this class is taken. No enrollment fee is required for students that meet the college's residency requirements but students are responsible for book expenses of approximately \$110.

Student receives 9 units of community college credit (5 units fall semester, 4 units spring semester) from San Diego Mesa College. Student must request official transcripts be sent to student's college direct from Mesa College. Students are required to remain on campus enrolled in study hall on days when class does not meet.

Note: Grade is not included in HS GPA but course is weighted for admission purposes.

Math CAHSEE Support			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
4088	10-12	None	No

In this course students study structure of the California High School Exit Examination (CAHSEE) and the requisite mathematics skills they will need to pass the mathematics portion, including tips for studying and taking a multiple-choice exam. Students receive explicit instruction, facilitated practice, and independent practice with feedback. This course is designed to be offered within the regular school day. This is a one-semester course, but multiple credit is allowed. This course does not satisfy the mathematics graduation requirement.

Media Studies: See Journalism

Music

PE Dance Guard and PE Marching Band courses are listed with the Physical Education Department on page 54

Intermediate Band Senior High			
Prerequisite: Instrument proficiency and approval by director and/or prior enrollment in middle school instrumental music program for at least one year.			
Course numbers	Grade(s)	UC req't	Weighted
5320, 5321	9-12	f or g	No

Training and experience in instrument technique and the study of various styles and periods of music. Performs in football halftime shows, field and street competitions, parades (marching band), concerts and festivals (concert band). Mandatory attendance at all performances. Rehearsals held after school when required. Does not give credit for P.E. Some costs to students.

Choir 1,2			
Prerequisite: The ability to stay on own voice part; beginning or advanced voices			
Course numbers	Grade(s)	UC req't	Weighted
5050, 5051	9-12	f	No

Choir 7,8			
Prerequisite: Permission of instructor, see Mrs. Fleming in room 600			
Course numbers	Grade(s)	UC req't	Weighted
5060, 5061	9-12	f	No

Performing class for students who can sing on pitch. Class goals are to increase understanding and enjoyment of music through singing. Mandatory attendance at Winter and Spring Concerts.

Music Appreciation 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
5381, 5382	10-12	f	No

This course is a survey of music from primitive times to the present. Enjoyment and understanding of music are developed by listening, class discussion, hands-on musical activities, and reading.

Advanced Choral Ensemble 1,2			
Prerequisite: Permission of instructor after competitive audition, see Mrs. Fleming in room 600.			
Course numbers	Grade(s)	UC req't	Weighted
5365, 5366	9-12	f or g	No

Advanced vocal group for students desiring a deeper exploration of choral singing. The Bel Cantos Singers perform frequently. Mandatory attendance at all performances and practices. Requires purchase of ensemble attire and additional costs.

Advanced Placement Music Theory 1,2			
Prerequisite: Ability to read and write musical notation and teacher recommendation; see Mr. Kalal in room 602 or Mrs. Fleming in room 600.			
Course numbers	Grade(s)	UC req't	Weighted
5375, 5374	10-12	f or g	Yes

Music theory course designed for students who want to learn to recognize and understand the basic materials and processes in any music that is heard or read in score, and also to learn to read, notate, compose and listen to music. Topics include diatonic music, triadic harmony, two-part contrapuntal textures, chromatic harmony, and jazz harmony. This course prepares students for the Advanced Placement Examination. Note: Course is only offered when enrollment warrants.

Orchestra 1,2 (Strings)			
Prerequisite: Selection by teacher or counselor; violin, viola, cello and string bass only			
Course numbers	Grade(s)	UC req't	Weighted
5335, 5336	9-12	f or g	No

The course provides students opportunities to participate in musical experiences that develop skills in orchestral playing. Students will learn and play quality, challenging orchestral literature in an ensemble setting with technical skill and musical knowledge and sensitivity. Orchestra students will present multiple public performances during the school year. There will be some cost to students.

Naval Junior ROTC

Naval Jr. Reserve Officer Training Corps 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
4521, 4522	9-12	None	No

Credit for this course counts toward the Physical Education credits required for high school graduation. This is the first year of a series of four NJROTC courses. This joint high school - Navy co-educational youth program provides leadership and citizenship training designed to provide students with the skills required to live and work cooperatively with others. It provides important vocational information and physical training opportunities, and it emphasizes oral and written communication skills development. The naval uniform is worn by students at all official functions and all day at school once a week. Enrollment in NJROTC incurs no financial cost and no obligation to join the Armed Services. Classroom curriculum includes basic naval orientation, seamanship, and communications. Classroom experiences are complemented by physical fitness training, drill, field trips, at-sea cruises and abbreviated field training.

Naval Jr. Reserve Officer Training Corps 3,4			
Prerequisite: Successful completion of NJROTC 1,2			
Course numbers	Grade(s)	UC req't	Weighted
4523, 4524	10-12	None	No

Credit for this course counts toward the Physical Education credits required for high school graduation. This is the second year of a series of four NJROTC courses. Please refer to the course description above for details. The second year adds unit on naval history.

Naval Jr. Reserve Officer Training Corps 5,6			
Prerequisite: Successful completion of NJROTC 3,4			
Course numbers	Grade(s)	UC req't	Weighted
4525, 4526	11-12	None	No

Credit for this course counts toward the Physical Education credits required for high school graduation. This is the third year of a series of four NJROTC courses. Please refer to the course description above for details. The third year adds units on oceanography, astronomy and marine science. The course will also provide prep for ROTC college scholarship applications (\$100-\$200,000) and students considering enlistment.

Naval Jr. Reserve Officer Training Corps 7,8			
Prerequisite: Successful completion of NJROTC 5,6			
Course numbers	Grade(s)	UC req't	Weighted
4527, 4528	12	None	No

Credit for this course counts toward the Physical Education/Military Science credits required for high school graduation. This is the fourth year of a series of four NJROTC courses. Please refer to the course descriptions above for details. The fourth year uses selected readings and studies leadership. This course will also provide instruction in application for Academy and ROTC college scholarships (\$100,000-\$250,000) and students considering enlistment.

Non-Departmental Courses

AVID Program 1,2			
Prerequisite: Application, interview, concurrent enrollment in college prep course work, 2.5 or above G.P.A, and approval of AVID team. Priority is given to continuing AVID students. See Ms. Haff in room 213 or the Head Counselor for application and more information.			
Course numbers	Grade(s)	UC req't	Weighted
See note	9-11	None	No

Note: Course number 8060.2 (9th / 10th grade); 8227, 8228 Junior AVID Seminar.

AVID is designed to support students in preparation for entrance into four-year college/university, especially students who will be the first in their family to attend college. Emphasis is on study skills and test taking, organization, analytical writing, preparation for college entrance and placement exams, note taking and preparation for college entrance process. College students work with tutorial groups twice a week to enhance AVID students' understanding of concepts covered in subject area classes. Guest speakers provide information on various colleges and careers. Field trips to local colleges are taken in the spring and fall. Student must take both 11th and 12th grade AVID classes for UC/CSU (g) credit. See the Teaching Academy on page 17 for more infor-

mation on other companion courses

Senior AVID Seminar Program 1,2			
Prerequisite: Application, interview, on track to meet four year college entrance requirements, 2.5 or above GPA, and approval of AVID team. Priority given to students continuously enrolled in AVID. Previous enrollment in AVID elective class prior to grade 11 for at least one year. See Ms. Haff in room 213 or Ms. Walsh for application and more information.			
Course numbers	Grade(s)	UC req't	Weighted
8221, 8222	11-12	g	No

Student must take both 11th and 12th grade AVID classes for UC/CSU (g) credit. AVID is designed to support students in preparation for entrance into four-year college/university, especially students who will be the first in their family to attend college. Emphasis is on college application process and skills required to succeed in college. Assistance in completing college applications, information about financial aid opportunities, and placement test registration information is also provided. Course involves critical reading and writing in preparation for college entrance and placement exams, college application essays, Socratic seminars, and development of analytical thinking required for success in college. College students work with tutorial groups twice a week to enhance AVID students' understanding of concepts covered in subject area classes. Guest speakers provide information on various colleges and careers. Field trips are taken to local colleges in the spring and fall. There is a culminating research project at the end of the senior year. See the Teaching Academy on page 17 for more information on other companion courses

AVID Peer Support			
Prerequisite: Application and interview through AVID coordinator			
Course numbers	Grade(s)	UC req't	Weighted
8066	11-12	None	No

Students enrolled in this course will provide tutorial support to students enrolled in AVID elective and other lower division courses. Trained to apply AVID strategies and materials with students, tutors will work with these students individually and in cooperative groups, assisting them in building a strong learning foundation in all core content areas.

AVID tutors will hone their communication skills, group facilitation techniques, and peer-to-peer teaching strategies, while strengthening their self-awareness and leadership skills. AVID tutors successfully completing course requirements will earn AVID certification from AVID Center and Region IX.

Student Government 1,2			
Prerequisite: Approval of the ASB advisor and elected / interviewed for a specific position on ASB			
Course numbers	Grade(s)	UC req't	Weighted
8431	9-12	None	No

Students must choose a particular office and maintain a 2.00 grade point average in both scholarship and citizenship. Attending after school events and written assignments are mandatory and are designed to teach leadership skills and improve the climate of the school.

Dynamics of Peer Counseling 1,2			
Prerequisite: See nurse for application. Requires parent permission, three teacher recommendations, interview			
Course numbers	Grade(s)	UC req't	Weighted
8215, 8216	11, 12	None	No

This course trains peer mediators to assist students, and includes a basic orientation to communication techniques, and group dynamics. The second semester is a field experience on PHHS campus.

- Learn various topics of concern to adolescents and participate in peer teaching activities (HIV, Relationship Violence, Drugs and Alcohol, etc.
- Learn strategies for conflict resolution and assist peers in problem solving.
- Develop leadership skills and self confidence.
- Become aware of community and school resources available to assist students.
- Serve as mentors to students experiencing problems.

Physical Education

Students interested in being a member of any athletic team, cheerleaders, band, or dance guard must meet the following standards: Passing grades in a minimum of four classes and a 2.0 G.P.A in scholarship and citizenship. June grades will determine eligibility for the beginning of the school year. Continuing eligibility is determined after each six-week grading period. See page 9 for information about NCAA eligibility for college Division I and II athletics.

Aerobics / Bodyshaping 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
5711.A	10-12	None	No

Learn how to get fit and stay fit. Instruction in aerobic dancing, step aerobics and toning with hand weights. Course includes power walking 1 or 2 days per week.

Athletics - Interscholastic Sports			
Prerequisite: Recommendation of coach plus 2.0 GPA in citizenship and academics. Counselors will attempt to place 9th graders in period 6 athletics only after the students has made a team and the season for that sport has begun. Placement in Period 6 athletics is not guaranteed. No exceptions!			
Course numbers	Grade(s)	UC req't	Weighted
5712	9-12	None	No

Sports Schedules		
Fall	Winter	Spring
Cross-country (co-ed)	Basketball (boys, girls)	Baseball
Football	Wrestling	Softball
Volleyball (girls)	Soccer (boys, girls)	Tennis (boys)
Tennis (girls)	Water Polo (girls)	Track & Field (co-ed)
Field Hockey (girls)		Badminton (co-ed)
Golf (girls)		Volleyball (boys)
		Swimming (co-ed)
		Lacrosse (boys, girls)
		Golf (boys)

Physical Education 9th Grade			
Prerequisite: Students will be participating in 3-week units to include physical fitness, volleytennis, badminton, racquetball, volleyball, disc games, flag football, basketball, soccer, pickleball, weight training, and over-the-line.			
Course numbers	Grade(s)	UC req't	Weighted
5711.G, 5711.H	None	No	None

Physical Education Athletics Cheer 1,2			
Prerequisite: Selection by committee and teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
5712.C	9-12	None	No

Class for selected cheer squad members.

Physical Education Dance Guard (Drill Team Flags)			
Prerequisite: Selection by committee			
Course numbers	Grade(s)	UC req't	Weighted
5842	9-12	None	No

Training and experience in dance, movement, flag, rifle and sabre. Performs at football game halftimes, field and street competitions, parades and Winter Guard competitions. Performs with the band during the fall semester. Mandatory attendance at all performances. Physical Education credit granted. Rehearsal until 3:30 when required. Some costs to students

Physical Education Marching Band			
Prerequisite: Concurrent registration in Advanced Band.			
Course numbers	Grade(s)	UC req't	Weighted
5843, 5844	9-12	None	No

Fall semester only. Period 7 (after school as 7th credit). Meets after school with Advanced Band to perform at football game halftimes and participate in parades. Rehearsal until 3:30. Physical education credit granted. Some costs to students.

Team Sports 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
5711.C, 5711.D	10-12	None	No

Six week units of basketball, flag football, and softball. Soccer, volleyball, badminton and racquetball may be included. All sport activities are offered at a competitive or recreational level.

Physical Education Weight Training and Conditioning 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
5711.E, 5711.F	10-12	None	No

A course for becoming bigger, faster, and stronger. For students who wish to improve their speed, strength, and agility through weight training and cardiovascular training.

Public Speaking: See Theater and Public Speaking

Regional Occupational Program (ROP)

The Regional Occupational Program (ROP) is a state-funded career technical educational program that offers practical job training. Students 16 years of age or older receive elective credit toward high school graduation and may also earn college credit at the same time. Courses prepare students to

- Learn entry-level employment skills
- Prepare for career advancement by upgrading existing job skills.
- Prepare for entrance into advanced training programs.

There are over fifty other courses available throughout San Diego City Schools and throughout the county. Please see the Employer Outreach Specialist (EOS) in the counseling office for more information about these programs as well as the times and locations available. Not all of these programs will fit into the Patrick Henry school schedule. In most cases transportation to and from these programs is the responsibility of the student.

Course descriptions for ROP courses can be found in various departments according to the following chart:

Computer Science

- ROP Computerized Graphic Design

Industrial Technology

- ROP Multimedia Productions
- ROP Principles of Engineering
- ROP Engineering Design and Development
- ROP Civil Engineering and Architecture
- ROP Digital Electronics

Family and Consumer Science

- ROP Developmental Psychology of Children
- ROP Introduction to Teaching and Learning

Science

Earth Science 1,2			
Earth Science 1,2 Collaborative			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
6023(G), 6024(G)	9-12	d or g	No

The course provides an overview of the areas of astronomy, chemistry, geology, oceanography, meteorology, and paleontology, and serves as a foundation for further study in physics, and chemistry.

Students in this course will use the inquiry method to investigate those principles and processes that bring about changes in the physical environment and supplement their understanding by conducting and analyzing experiments, using technology to collect data and communicate ideas. The course incorporates the state earth science standards for grades 9-12, as well as select science investigation and experimentation standards for those grades.

The course meets the science (d) subject-area requirements for admission to the University of California/California State University systems.

Physics 1,2			
Prerequisite: None; concurrent enrollment in Geometry 1,2			
Course numbers	Grade(s)	UC req't	Weighted
6311, 6312	9-12	d or g	No

Physics 1,2 is an introductory physics course where the subject matter is treated conceptually. Activity, discovery "hands-on" approach is used to explore subject matter. Topics include kinematics, forces, heat, electricity, magnetism, energy, light and waves. Physics 1,2 meets the district physical science requirement for graduation.

Science Sequencing Chart

9th grade math	9th grade	10th grade	11th grade	12th grade
Algebra Exp	Earth Science	Biology	Chemistry Physics	Marine Science Physiology AP Environ Science AP Biology AP Physics AP Chemistry
Geometry	Physics	Biology Adv Biology AP Biology	Chemistry Hon Chemistry AP Chemistry AP Physics Marine Science AP Environ Science	
Adv Geometry Int Algebra Precalculus	Adv Physics 1,2			

Advanced Physics 1,2

Prerequisite: Concurrent enrollment in Advanced Geometry 1,2 at a minimum and Advanced English 1,2

Course numbers	Grade(s)	UC req't	Weighted
6321, 6322	9-12	d or g	No

This is an advanced level course that uses mathematical techniques and scientific concepts in lab problem solving applications. Topics include mechanics, sound, electricity and magnetism, light and optics, and thermodynamics. Excellent preparation for other advanced science courses. This course is also a prerequisite for Advanced Chemistry.

Biology 1,2**Medical Biology 1,2****Biology 1,2 Collaborative**

Prerequisite: Physics 1,2 Advanced Physics 1,2 and/or Earth Science

Course numbers	Grade(s)	UC req't	Weighted
6111(G), 6112(G)	10	d or g	No

Study of life including cell theory, basic structure, microorganisms, plants, animals, genetics, evolution and ecology. Lab work.

The medical biology will emphasize chemistry used in various medical careers.

Advanced Biology 1,2

Prerequisite: None

Course numbers	Grade(s)	UC req't	Weighted
6121, 6122	10	d or g	No

A two semester course similar in content to regular biology, but taught in greater depth and at an accelerated pace. A first year college text and assignments in science journals provide a broader base. Also included are requirements of individually designed investigations, debates, and technical writing, to meet the higher level competencies. Approximately one-third of the course will be laboratory based.

Chemistry 1,2			
Medical Chemistry 1,2			
Chemistry 1,2 Collaborative			
Prerequisite: Completion of both Physics 1,2 AND Biology 1,2 with minimum grade of C AND completion of both Algebra 1,2 (or Algebra Explorations 9) and Geometry 1,2 with minimum grade of C			
Course numbers	Grade(s)	UC req't	Weighted
6211(G), 6212(G)	11	d or g	No

Introductory chemistry course investigating fundamental chemical principles. Students will explore through laboratory investigations and inquiry based learning the fundamentals of chemistry in the following areas: atomic structure, molecular structure, phases of matter, the mole concept, chemical reactions and stoichiometry, solutions, kinetics, equilibrium, thermodynamics, acids and bases. Quantitative math skills and reasoning will be used regularly throughout the course.

The medical chemistry section will emphasize chemistry used in various medical careers.

Honors Chemistry			
Prerequisite:			
<ul style="list-style-type: none"> · Advanced Physics 1,2 or AP Physics 1,2 with minimum grade of C AND · Advanced Biology 1,2 or AP Biology 1,2 with minimum grade of C AND · completion of Advanced Geometry or higher with a grade of C or better 			
OR			
<ul style="list-style-type: none"> · Physics 1,2 with minimum grade of B AND · Biology 1,2 with minimum grade of B, AND · completion of Geometry or higher with minimum grade of B AND · recommendation from science teacher 			
Course numbers	Grade(s)	UC req't	Weighted
6221, 6222	11	d or g	Yes

Greater depth and sophistication of chemical concepts, problem solving, and lab experimentation than Chemistry 1,2. Designed for students demonstrating considerable aptitude for science and laboratory investigation. Supplementary college level materials and concepts.

Marine Science 1,2			
Prerequisite: Must have completed at least two courses from Physics, Chemistry and Biology with a B or better.			
Course numbers	Grade(s)	UC req't	Weighted
6441, 6442	11-12	d or g; See note	No

A two-semester elective course designed to give advanced science students an

extensive background in Marine Science. The course includes challenging activities, laboratory exercises, field experiences and class projects. This Marine Science course utilizes college level textbooks, exhaustive essay exams, significant laboratory work, and oral presentations. Students are expected to master concepts that reveal the relationship between the fields of Geology, Chemistry, Physics, Earth Science, and Biology as they relate to the Oceans.

The first semester covers the origins of the universe, the Earth and its oceans, marine chemistry, marine geology, physical oceanography, atmosphere / ocean interaction, ocean currents, waves, and tides. The second semester is dedicated to marine biology and related fields. This semester begins with an ecological approach to ocean life. Students will learn about primary productivity, how it is influenced by changes in latitude, depth, and oceanic variables. Students will also learn about the complex diversity of marine habitats, protists, animals and plants.

Students should be aware that this course is taught from an interdisciplinary perspective and students knowledge of other sciences is mandatory.

Note: This course may only count as the third year of laboratory science d requirement.

Physiology 1,2			
Prerequisite: C or better in both Biology 1-2 and Chemistry 1-2 or teacher permission.			
Course numbers	Grade(s)	UC req't	Weighted
6151, 6152	12	d or g	No

A two semester course with a medical, clinical emphasis, and patterned after college undergraduate physiology and anatomy courses. After each system is studied, college level and research level laboratory work is used to reinforce concepts presented in lecture.

Advanced Placement Physics C 1,2			
Prerequisite: Concurrent or prior enrollment in AP Calculus 1-2, Math 150-151 or previous exposure to calculus			
Course numbers	Grade(s)	UC req't	Weighted
6393, 6394	11, 12	d or g	Yes

College-level physics intended for all students. Will prepare the student to take the AP "C" mechanics exam. Topics include the study of motion, forces, energy, and gravity. Taken after advanced physics it will give the student a broad overview of introductory physics. May be offered in alternating years if there is insufficient enrollment.

Advanced Placement Chemistry 1,2			
Prerequisite: Honors Chemistry 1,2 with minimum grade of C OR Chemistry 1,2 with minimum grade of B Students who wish to take AP Chemistry 1,2 as a first chemistry course MUST have a minimum grade of B in Advanced (or AP) Physics 1,2 AND Advanced (or AP) Biology 1,2 AND have completed Intermediate Algebra 1,2 with a grade of C or better. They must also acquire their science teachers recommendation.			
Course numbers	Grade(s)	UC req't	Weighted
6291, 6292	11-12	d or g	Yes

A college level chemistry course designed to prepare students for college and the AP Exam in Chemistry. Students have the opportunity to earn up to 8 semester hours of college chemistry credit after successful completion of the AP exam. An in-depth study of: atomic and molecular structure, structure of solids, liquids and gases, stoichiometric calculations, kinetics, thermodynamics, equilibrium, and electrochemistry. College-level problem solving, theory, and laboratory investigations are essential to the course. The course is ideal for any student considering a career in medicine, science, or related disciplines. This course may be offered every other year if there is insufficient enrollment.

Advanced Placement Biology 1,2			
Prerequisite: B or better in Advanced Biology or Honors Chemistry. Sophomores: B or better in Advanced Physics, Advanced Math AND Advanced English AND AP Biology teacher interview.			
Course numbers	Grade(s)	UC req't	Weighted
6191, 6192	10-12	d or g	Yes

A college level course including research lab-work and study of areas of biology common to the AP program in preparation for the Advanced Placement exam. This course may be offered every other year if there is insufficient enrollment.

Advanced Placement Environmental Science 1,2			
Prerequisite: Must have completed at least two courses from Physics, Chemistry and Biology with a C or better.			
Course numbers	Grade(s)	UC req't	Weighted
6455, 6456	11, 12	d or g	Yes

This course is designed to be the equivalent of a introductory one-semester college course in environmental science. The goal of the class is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. It includes the study of various science content areas including geology, biology, environmental studies, chemistry, and geography. However the emphasis of the class is to view these topics from

a sociological and political perspective. The study of environmental science supports a large variety of careers including but not limited to environmental lawyers, soil science technicians, community recycling program managers, property analysts and toxicologists.

Social Studies: See History / Social Studies

Special Education

Any student with a current Individualized Educational Plan (IEP) may take any combination of courses within the four areas of the curriculum continuum in regular and/or special education as indicated by the educational needs and abilities listed on the plan. Collaborative classes are offered jointly by special and regular education.

Diploma-bound curricula include

- 7372, 7373 Transition Skills 9th grade
- 7374, 7375 Transition Skills 10th grade
- 7376, 7377 Transition Skills 11th grade
- 7378, 7378 Transition Skills 12th grade

Non-diploma-bound curricula

Functional and Applied courses do not meet requirements for graduation with a diploma. Special education students with IEP's stating that they are non-diploma bound may earn a letter of recognition at the end of their high school or post-high school years upon completion of his or her IEP goals.

Theater and Public Speaking

Theater 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1423, 1424	9-12	f	No

Introduction to Theater Arts. The first year's instruction in drama is directed primarily toward acquiring performance and language skills through acting, reading, speaking, listening, writing, and body control. Students will study acting skills, and beginning production skills while creating presentations for small audiences. Students will explore storytelling, mime, and improvisation. Technical theatre studies will include theatre spaces, production teams and stage crew responsibilities. Students will observe and evaluate elements of production and identify the development and significance of dramatics in history, the media and the workplace.

Theater 3,4			
Prerequisite: Theater 1,2			
Course numbers	Grade(s)	UC req't	Weighted
1425, 1426	10-12	f or g	No

Intermediate Theater Arts. The second year's instruction in drama emphasizes the practical application of dramatic theory and relates dramatic expression to cultural development by involving students in a variety of production techniques, including makeup, analysis and stagecraft. Research and performance of scenes with historical and/or cultural context are covered. Students will study the storytelling tradition. They will do an in-depth analysis on Kabuki, Moliere, and Chekhov. Students will direct and perform a one-act play in front of a large audience.

Theater 5,6			
Prerequisite: Theater 3,4			
Course numbers	Grade(s)	UC req't	Weighted
1427, 1428	10-12	f or g	No

Advanced Theater Arts. Students will study several specialization techniques in theater performances. Emphasis will be placed on vocal skills, using an accent, staging a fight, acting on camera, stage movement, directing, designing and painting sets and mask making. Students will develop and direct a theatrical piece and perform it in front of a large audience.

Theater 7,8			
Prerequisite: Theater 5.6			
Course numbers	Grade(s)	UC req't	Weighted
1429, 1430	11,12	f or g	No

Introduction to Production: Students will study and perform all aspects of theatre production from pre-production to post-production. Pre-production will include analyzing the playwright's intent, design options, and organizational structure. Students will perform specific responsibilities of the production team during rehearsals and performance for full-length shows. Students will create a production flow chart for technical rehearsals and assist in the post-production. An emphasis will be placed on stage management, house management, publicity, set construction, and assistant directing for all of the main stage productions at Patrick Henry.

Public Speaking 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1415	9-12	None	No

Students will explore various types of public speaking, including speech, interview, and debate. Students will study important, exemplary speeches and

master classic rhetorical devices. Students must have a strong desire to improve as both writers and speakers; course will emphasize the drafting and writing process as well as the acquisition of confidence, poise, and style through required classroom speaking opportunities. Students will also be expected to attend, and possibly compete in, the San Diego City Schools Speech Arts League via the Patrick Henry Speech and Debate Team. See the Teaching Academy on page 17 for more information on other companion courses.

Technical Theatre 1,2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
1413, 1414	9-12	f	No

Technical Theatre 3,4			
Prerequisite: Technical Theatre 1,2			
Course numbers	Grade(s)	UC req't	Weighted
1462, 1463	10-12	f	No

Students will learn specialized vocabulary and explore set design, lighting design and costume design. Students will reflect on design elements found in school and outside productions with design analysis and critiques. Students will learn practical application by working on productions. Students will apply engineering, math, science, English and communication skills in a technical environment. In the second semester students will explore mood, color, application and perspective. Problem solving, leadership and working well under pressure are stressed. Students will become familiar with career opportunities connected with technical theatre and design.

Course Goals:

- Students will develop an understanding of the elements of design.
- Students will learn the connection between the script and the elements of design.
- Students will explore the difficulties of connecting the design elements with the practical considerations of play production.
- Students will learn construction techniques by building sets and costumes and by executing lighting and sound plots.
- Students will apply Engineering, Math, Science, English and Communication skills in a technical environment.
- Students will become familiar with career opportunities connected with technical theater and design.

World Languages

The World Language Department at Patrick Henry encourages developmental instruction of the language that addresses the foreign language standards of communication, culture, connections, comparison and community. We en-

courage students to progress through the program as outlined according to their ability and interest. At the end of each year students will be given a final exam and will need to pass that exam as well as receive a minimum grade of C in the course or teacher recommendation to be allowed to proceed to the next level. The nature of a language course requires student effort at home in order to practice and learn the material covered in class. The target language will be used in the classroom and students are expected to practice it in the classroom as well. World language courses are open to students of all grade levels having the proper prerequisites unless otherwise noted in the course description. San Diego City Schools no longer offers credit for students studying at any private language schools.

Pathway to AP Spanish Language or Literature

Spanish Speakers: For students that speak Spanish at home 50% or more of the time.

- Test
- 9th grade: Spanish for Spanish Speakers 1-2
- 10th grade: Spanish for Spanish Speakers 3-4
- 11th grade: AP Spanish Literature

Heritage Speakers: For students that speak Spanish at home less than 50% of the time.

- Test
- 9th grade: Spanish 3-4 and exit test
- 10th grade: Spanish 5-6
- 11th grade: Spanish 7-8
- 12th grade: AP Spanish Literature OR AP Spanish Language

World Language Learners: For students who have no home contact with Spanish

- Middle school Spanish 1-2
- 9th grade: Spanish 3-4 and exit test
- 10th grade: Spanish 5-6
- 11th grade: Spanish 7-8
- 12th grade: AP Spanish Literature OR AP Spanish Language

Student placement in these categories is done by testing and interviews done by the teachers from the World Language department. Contact Mrs. Macedo (rmacedo@sandi.net) for more information.

Spanish 1-2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
2321, 2322	9-12	e	No

First year is an introductory course designed to develop oral and written skills and acquaint students with Hispanic culture.

Spanish 3-4			
Prerequisite: C or better in Spanish 1-2			
Course numbers	Grade(s)	UC req't	Weighted
2323, 2324	9-12	e or g	No

2nd year focuses on further study of syntax and increased vocabulary.

Spanish 5-6			
Prerequisite: C or better in Spanish 3-4			
Course numbers	Grade(s)	UC req't	Weighted
2325, 2326	9-12	e or g	No

A comprehensive review of the first two years of Spanish with the introduction of additional grammar and more extensive reading and writing. Exposure to many Hispanic cultures will be emphasized along with appropriate written and presented projects.

Spanish 7-8 Honors			
Prerequisite: C or better in Spanish 5-6 or teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
2307, 2308	9-12	e or g	Yes

A review of structures covered in the first three years as well as an introduction to higher level language structures. Literature and discussion topics are incorporated to encourage student oral and written language skills.

Spanish for Spanish Speakers 1-2			
Prerequisite: Native oral proficiency in Spanish without equivalent reading and writing skills in Spanish.			
Course numbers	Grade(s)	UC req't	Weighted
2345, 2346	9-12	e	No

Spanish for Spanish Speakers 3-4			
Prerequisite: Spanish for Spanish Speakers 1-2 with a C or better OR native oral proficiency in Spanish with basic proficiency in reading and writing.			
Course numbers	Grade(s)	UC req't	Weighted
2347, 2348	9-12	e or g	No

These courses are designed to improve a students ability read and write Spanish. Gives a total language experience: vocabulary enrichment, writing skills, spelling and reading. Placement as to level made by teacher assessment. Spanish for Spanish Speakers 3-4 continues the total language experience in course 1-2. It includes the reading of short stories, vocabulary development, writing skills development, spelling practice and grammar development skills.

Advanced Placement Spanish Language 1-2			
Prerequisite: C or better in Honors Spanish 7,8 OR Spanish for Spanish Speakers 3,4 / 5,6 OR teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
2333, 2334	10-12	e or g	Yes

A desire to study the language with attention to detail and to practice the skills to be tested. The advanced placement language exam tests reading comprehension, expository writing, listening and grammar skills.

Advanced Placement Spanish Literature 1-2			
Prerequisite: C or better in Honors Spanish 7,8 OR Spanish for Spanish Speakers 3,4 / 5,6 OR teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
2339, 2340	10-12	e or g	Yes

College-level class surveys Iberian and Latin American literature. Extensive reading required. On the advanced placement literature exam the student is required to analyze poetry and prose selections. Proficiency of composition is stressed.

French 1-2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
2001, 2002	9-12	e	No

Instruction is proficiency based. By years end, students will be able to communicate on a basic level in the four skill areas: listening, reading, speaking and writing

French 3-4			
Prerequisite: C or better in French 1-2			
Course numbers	Grade(s)	UC req't	Weighted
2003, 2004	9-12	e or g	No

Students increase their proficiency level in the four skill areas. Students passive and active vocabularies will almost double from the first year level.

French 5-6			
Prerequisite: C or better in French 3-4			
Course numbers	Grade(s)	UC req't	Weighted
2005, 2006	9-12	e or g	No

Students will be trained to be able to understand educated, fluent speakers and to speak and write comprehensively for formal and informal purposes.

French 7-8 Honors			
Prerequisite: C or better in French 5-6			
Course numbers	Grade(s)	UC req't	Weighted
2033, 2034	9-12	e or g	Yes

A more advanced course providing a review of grammar in preparation for the achievement and advanced placement tests

Advanced Placement French Language 1-2			
Prerequisite: Teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
2013, 2014	9-12	e or g	Yes

A more advanced course in preparation for the Advanced Placement Exam in French language. Objectives of the course include: strong command of vocabulary and structure, listening and oral communication and comprehension, and reading comprehension of authentic documents.

Advanced Placement French Literature 1-2			
Prerequisite: Teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
2019, 2020	9-12	e or g	Yes

A more advanced course in preparation for the advanced placement test in French literature. The required readings include three plays, three novels and poetry from all periods in French literature.

German 1-2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
2351, 2352	9-12	e	No

A proficiency based course. Students will be able to communicate on a basic level in the four skill areas: listening, reading, speaking, and writing.

German 3-4			
Prerequisite: C or better in German 1-2			
Course numbers	Grade(s)	UC req't	Weighted
2353, 2354	9-12	e or g	No

Students increase their proficiency level in four skill areas, but with a whole language approach. Students passive and active vocabularies will almost double from the German 1-2 level.

German 5-6			
Prerequisite: C or better in German 3-4			
Course numbers	Grade(s)	UC req't	Weighted
2355, 2356	9-12	e or g	No

Students will be trained in a context-based approach to be able to understand fluent, educated speakers, speak comprehensively and write comprehensively for formal and informal purposes.

German 7-8 Honors			
Prerequisite: C or better in German 5-6			
Course numbers	Grade(s)	UC req't	Weighted
2093, 2094	9-12	e or g	Yes

A more advanced course providing a review of grammar in preparation for the achievement and advanced placement tests

Advanced Placement German Language 1-2			
Prerequisite: Teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
2063, 2064	9-12	e or g	Yes

A more advanced course in preparation for the advanced placement exam in German language. Objectives of the course include: strong command of vocabulary and structure, listening and oral communication, comprehension, reading comprehension of authentic documents.

Japanese 1-2			
Prerequisite: None			
Course numbers	Grade(s)	UC req't	Weighted
2161, 2162	9-12	e	No

Instruction is proficiency based and intended to develop limited facility in each of the major communication skills: listening, reading, speaking, and writing. Major emphasis is on development of the ability to speak fluently with accurate pronunciation and intonation, while fostering an appreciation of the culture.

Japanese 3-4			
Prerequisite: C or better in Japanese 1-2			
Course numbers	Grade(s)	UC req't	Weighted
2163, 2164	9-12	e or g	No

Students further increase their proficiency in four skill areas. In addition "hiragana" and "katakana" characters, approximately 60 kanji characters will be introduced

Japanese 5-6			
Prerequisite: C or better in Japanese 3-4			
Course numbers	Grade(s)	UC req't	Weighted
2156, 2166	9-12	e or g	No

A comprehensive review of the first two years of Japanese with the introduc-

tion of additional grammar. Exposure to many Japanese cultures will be emphasized along with appropriate written and presented projects.

Japanese 7-8 Honors			
Prerequisite: C or better in Japanese 5-6			
Course numbers	Grade(s)	UC req't	Weighted
2177, 2178	9-12	e or g	Yes

A review of structures covered in the first three years as well as an introduction to higher level language structures. Literature and discussion topics are incorporated to encourage student oral and written language skills.

Advanced Placement Japanese Language and Culture			
Prerequisite: Teacher recommendation			
Course numbers	Grade(s)	UC req't	Weighted
2179, 2180	9-12	e or g	Yes

A more advanced course in preparation for the advanced placement exam in Japanese Language and Culture. Objectives of the course include more advanced study for Kanji (Chinese characters), vocabulary, structure, listening and reading authentic materials. The AP course supports students as they develop the productive, receptive, and cultural skills necessary to communicate with native speakers of Japanese.

Yearbook: See Journalism, Yearbook and Media Studies

Patrick Henry High School Course List

Art

* AP Studio Art 2D - Drawing 0377
 * AP Studio Art 2D - Photography 0367
 * AP Art History 0381
 Art 0191
 Art of Film 0389
 Ceramics 1,2,0231
 Ceramics 3,4,0233
 Color and Design 0241
 Drawing and Painting 0271
 Design in Mixed Media 0244
 Individualized Art - Cartooning 0321
 Photography 1,2,3691
 Photography 3,4,3695

Business

Computer Applications in Business 0723

Computer Science

ROP Comp Graphic Design 1-hr 8511-2
 ROP Comp Graphic Design 2-hr 8511-4
 Technology Support 8923-6
 GEO IS/GT 8291

English

English 1,2,1540
 English 1,2 Cluster 1540C
 English 1,2 Seminar 1540S
 English 3,4,1570
 Advanced English 3,4,1572
 Advanced English 3,4 Seminar 1572S
 American Lit 1583
 American Lit - Teaching Academy 1583A
 * Honors American Literature 1589
 * AP English Lit and Composition 1653
 * AP English Lit/Comp Seminar 1653S
 World Literature (Teaching Academy) 1705
 Contemporary Voices 1612
 English (British) Literature 1531
 * AP English Lang and Composition 1655
 ESL 1,2,1621
 ESL 3,4,1623
 ESL 5,6,1625

Family and Consumer Science

Human Psychology and Sociology 1154
 ROP Developmental Psychology Children 8720
 ROP Intro to Teaching and Learning 8784-7

History / Social Studies

GLOPED 6649
 World History and Geography 6605
 Advanced World History 6645
 * AP World History 6639
 * AP World History Seminar 6639S
 * Honors US History and Geography 6711
 * AP US History 6721
 * AP US History Seminar 6721S
 Government and Economics 6757
 * AP US Government and Politics 6839

Political Science 6825
 * AP Art History 0381
 * AP Psychology 6834

Industrial Technology

Graphic Communications Tech 1,2,3621N
 Introduction to Engineering Design 3542
 ROP Digital Electronics 1,2,8957
 ROP Multimedia Productions 1,2,8839
 ROP Multimedia Productions 1-4,8572
 ROP Principles of Engineering 1,2,8847
 ROP Engineering Design & Dev 1,2,8801
 ROP Civil Engr and Architecture 1,2,8171
 Transportation Technology 3,4,3673

Journalism, Yearbook and Media Studies

Journalism 1,2,1960
 Journalism 3,4,1962
 Journalism 5,6,1964
 Publications 1,2 Yearbook 8421

Mathematics

Algebra Explorations 9th 4032
 Geometry 4141
 Advanced Geometry 4175
 Unifying Algebra and Geometry 4121
 Intermediate Algebra 4151
 Advanced Intermediate Algebra 4065
 Precalculus 4161
 * Honors Precalculus 4181
 Statistics and Data Analysis 4046
 * AP Statistics 4055
 * AP Calculus AB 4189
 Math 150/151,4191

Music

Intermediate Band Senior High 5320
 Choir 1,2,5050
 Choir 3,4,5055
 Choir 5,6,5057
 Choir 7,8,5060
 Advanced Choral Ensemble 5365
 Music Appreciation 5381
 * AP Music Theory 5375

Naval Junior ROTC

NJROTC 1,2,4521
 NJROTC 3,4,4523
 NJROTC 5,6,4525
 NJROTC 7,8,4527

Non-departmental Courses

AVID 1,2 Junior Seminar 8060 / 8227
 Senior Seminar AVID 8221
 AVID Peer Support 8066
 Student Government 8431
 Dynamics of Peer Counseling 8215

Physical Education

Aerobics / Bodyshaping 5711.A

Athletics - Interscholastic Sports 5712
 Physical Education 9th Grade 5711.G
 Cheer 5712C
 Dance Guard (Drill Team Flags) 5842
 Marching Band 5843
 Team Sports 5711.C
 Weight Training and Conditioning 5711.E

Science

Earth Science 6023
 Physics 6311
 Advanced Physics 6321
 Biology 6111
 Advanced Biology 6121
 Chemistry 6211
 * Honors Chemistry 6221
 Marine Science 6441
 Physiology 6151
 * AP Physics 6393
 * AP Chemistry 6291
 * AP Biology 6191
 * AP Environmental Science 6455

Theater and Public Speaking

Theater 1,2,1423
 Theater 3,4,1425
 Theater 5,6,1427
 Theater 7,8,1429
 Public Speaking 1415
 Technical Theater 1,2,1413
 Technical Theater 3,4,1462

World Languages

Spanish 1,2,2321
 Spanish 3,4,2323
 Spanish 5,6,2325
 Spanish 7,8,2327
 * Spanish 7,8 Honors 2307
 Spanish for Spanish Speakers 1,2,2345
 Spanish for Spanish Speakers 3,4,2347
 Spanish for Teaching Children 5,6,2325
 * AP Spanish Language 2333
 * AP Spanish Literature 2339
 French 1,2,2001
 French 3,4,2003
 French 5,6,2005
 * French 7,8 Honors 2033
 * AP French Language 2013
 * AP French Literature 2019
 German 1,2,2351
 German 3,4,2353
 German 5,6,2355
 * German 7,8 Honors 2093
 * AP German Language 2063
 Japanese 1,2,2161
 Japanese 3,4,2163
 Japanese 5,6,2156
 * Japanese 7,8 Honors 2177
 * AP Japanese Language and Culture 2179

* Weighted credit towards GPA; AP classes require student to take the Advanced Placement test pursuant to district policy 4705.C.11.

† Community college course