# Table of Contents

Mission and Schoolwide Learning Goals ................................................................. 1  
A Message from the Principal .................................................................................. 2  
Equity and Access ................................................................................................... 3  
Course Selection Guidelines ................................................................................. 4  
  Student Responsibilities ....................................................................................... 4  
  Off-Campus Courses ......................................................................................... 5  
  Prioritize Graduation Requirements ................................................................. 5  
  Schedule Modifications ....................................................................................... 5  
  Lane Changes ..................................................................................................... 5  
  Dropping a Course ............................................................................................. 6  
Graduation Requirements ..................................................................................... 7  
  A-G Approved Courses ....................................................................................... 7  
  NCAA Approved Courses ................................................................................. 7  
Schoolwide Learner Outcomes (SLOs) ................................................................ 8  
AP Contract ........................................................................................................... 9  
Time Management Activity Form ......................................................................... 10  
How to Read the Course Catalog ......................................................................... 11  
Career and Technical Education (CTE) ............................................................. 12  
English ................................................................................................................. 20  
Mathematics ......................................................................................................... 26  
Physical Education (PE) ..................................................................................... 33  
Science .................................................................................................................. 37  
Social Studies ....................................................................................................... 45  
Visual and Performing Arts (VPA) ....................................................................... 49  
World Languages .................................................................................................. 59  
General Credit Courses ....................................................................................... 63  
Schoolwide Programs .......................................................................................... 64  
Special Education ................................................................................................. 66  
English Learners (ELL) ....................................................................................... 69  
Appendix ............................................................................................................... 71
MISSION STATEMENT

The Mission of Henry M. Gunn High School is to foster a community of creative thinkers who will acquire knowledge, skills, values and integrity to: be resilient, responsible, respectful, contributing citizens; lead rewarding lives which pursue personal excellence and life-long learning.

SCHOOL IMPROVEMENT GOALS

GOAL #1: Develop a culture that broadly defines and promotes multiple paths to success, embraces self-discovery and social-emotional well-being and values the love of learning beyond traditional metrics of achievement.

GOAL #2: Increase achievement for all learners at Gunn High School, especially our African American, Hispanic, Socio-Economically disadvantaged, English Language Learners and Special Education students.

GOAL #3: Create a comprehensive data system and align course curriculum to regularly assess student progress, inform instruction and aid communication at the classroom, department and school levels.
January 2016

Take pride! You are among the nearly 2,000 students who make Henry M. Gunn High School what it is – an outstanding place to learn and grow! Our success is built upon a rich history of strong student performance in all areas of school life. We’re glad that you are part of our student body.

In order for our school community to fulfill its mission, Gunn High School needs to be an environment that is both compassionate and challenging, a culture in which students are valued as individuals, yet nurtured to develop effective collaboration and interpersonal skills. It is my hope that this course selection book will assist families in their efforts to create such an environment — by selecting courses that help each student realize his or her dreams.

Here are a few of points that I encourage you to consider during the course selection process:

• Be open. Don’t shy away from taking a class that is outside of your typical academic interests – you might discover something you love more than you realized.
• Talk to people and ask lots of questions, but what you want to study is ultimately your choice.
• Consider how much work each class you sign up for will have on a weekly basis. Is the class schedule you picked manageable? Does it leave time for you to explore some personal interests, spend time with friends, and sleep adequately?
• Challenge yourself – but be realistic about your academic strengths, how hard are you willing to work, and which classes do you find most engaging.
• Take time to reflect on who you are and who you are trying to become; select classes that will help you develop new ways of thinking and understanding.

We hope that you will read this course catalogue carefully and use it to find the information you need. Remember that there are many people available at Gunn to help you think through your choices, both academic and otherwise.

I wish you a happy, healthy, and fulfilling year.

Denise Herrmann

Dr. Denise Herrmann
Principal
A common goal from the PAUSD School Board and the Gunn HS WASC School Improvement plan is “to raise the achievement of historically underrepresented (HUR) students and increase participation and success in rigorous classes at the secondary level, we will assure equity of preparation, access, opportunity, and support from Pre-K to 12th grade.” We are committed to using course enrollment practices that increase access to honors and AP courses for historically underrepresented students. All students will have the right to participate in our honors and Advanced Placement Program, as long as prerequisite coursework is successfully completed.

Our definition of successful completion of a course is aligned with the University of California System definition that a student must earn a C- or higher to demonstrate minimal proficiency.
COURSE SELECTION GUIDELINES

The school master schedule is built in the spring based upon student needs and student course requests. The schedule is constructed so that students are enrolled in courses they must have, and every effort is made to schedule the electives they would like to have. The schedule also takes into account the staff and facility parameters that affect the schedule. Gunn High School staffs based on student course selection in the spring. Once course sections are finalized, changes will be made only within extenuating circumstances based on approval from the Assistant Principal of Student Services. All students must be enrolled in a minimum of five (5) courses to be considered full-time students. Students will not be permitted to drop a course if this puts them below the minimum required course/credit load.

<table>
<thead>
<tr>
<th>Student Grade Level</th>
<th>Required Number of Courses per Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th grade</td>
<td>7 courses</td>
</tr>
<tr>
<td>10th grade</td>
<td>Minimum of 6 courses</td>
</tr>
<tr>
<td>11th grade</td>
<td>Minimum of 5 courses</td>
</tr>
<tr>
<td>12th grade</td>
<td>Minimum of 5 courses</td>
</tr>
</tbody>
</table>

NOTE: These course minimums may be adjusted for students with IEPs, 504s or RtI Plan.

Student Responsibilities in the Scheduling Process
1. Discuss selections with the academic teachers and inquire about the elective programs from the teachers in those areas.
2. Read and discuss the Course Catalog with your parents.
3. Consult with your counselor and Instructional Supervisors when questions arise.
4. Discuss the preliminary course selections with your parents.
5. Go to the Infinite Campus Portal and select your courses.
   • The portal is open for registration: February 1, 2016.
   • The portal will close on February 17, 2016.
6. Print the Course Registration form and have one of your parents/guardian sign it.
7. Return the Course Registration form to your counselor with your signature and that of a parent/guardian on or before the deadline (February 17, 2016). Failure to go through the course selection process on time will limit opportunities for choice and flexibility in scheduling.
8. After receiving confirmation of your course selections, report any errors immediately to your counselor to make corrections. (No later than February 22, 2016)
9. Return your signed course verification sheet to your counselor. (No later than February 26, 2016)

Understand that courses selected at this time will be the schedule of courses for the following school year, as allowed by the master schedule.

*Students receiving services within our EL program may follow a different procedure for course registration as outlined by the EL Coordinator

School’s Responsibility in Scheduling
1. The school shall build a master schedule to support student selection and learning
2. The school shall provide appropriate support in the course selection process.
   a. Incoming 9th grade students will have course selection presentations along with the development of their Four-Year Plan in January at their respective middle school, a parent informational night (January 20th), parent meetings for questions (January 27th) and follow up brief student meetings at the middle school to confirm schedule selections.
b. Rising sophomores will have two sessions with their counselors. The first session will be in their January Titan 101, where their Four-Year plan will be reviewed and adjusted. All sophomores will then take part in a large group assembly on January 20th, where course registration will be discussed.

c. Rising juniors will have course selection and four-year planning in their 1:1 meetings with their counselor beginning in early December.

d. Rising seniors will have group sessions during English class with their counselor.

3. The school shall review all provide a course catalog to all students electronically to support their decision making in course selection. Paper copies will be available on request.

**Off-Campus Courses**

Prior approval is required for a student to earn Gunn High School credit for all off-campus courses including college, vocational and summer educational programs. Credit will be granted only for courses taken in an accredited school. Permission will not be granted if the course is a designated graduation requirement. *(PAUSD Secondary Records Handbook, Rev. 3/03)*

The form for requesting prior approval is located on the Gunn Web site:

http://gunn.pausd.org/sites/default/files/Off%20Campus%20Permission%20Form%204-2015.pdf

Students who take courses for credit outside Gunn High School (for example, through approved foreign language schools or community colleges) should be aware that a maximum of 40 units can be counted toward a high school diploma. All courses taken off-campus require the prior approval of the department Instructional Supervisor, student’s counselor and Assistant Principal of Student Services.

**Prioritize Graduation Requirements**

Students are not allowed to take two classes in the same discipline (e.g., two world language classes at the same time, two science classes at the same time) until they have satisfied or are concurrently satisfying their Palo Alto Unified School District graduation requirements in other departments (including CTE and VPA). Any exception to this policy must be approved by the instructional supervisor of the department and by the Assistant Principal of Student Services.

Courses with low enrollment, or which are elective, may not be offered or may be offered on an alternating-year schedule.

**Schedule Modifications**

Gunn High School does not grant schedule changes unless the request meets one or more of the criteria listed below. Any student wishing to request a schedule modification must do so by completing the form available in the Student Services Office. The form must be completed and returned by the dates indicated in the Gunn High School Calendar of Events. Forms will be reviewed by the school counselors and administration. Your school counselor will contact you by email shortly thereafter to let you know the outcome of your request.

The criteria for a schedule change are as follows:

- Graduation requirement missing from schedule (12th only)
- Course already taken (10th-12th)
- Prerequisite – do not meet course requirements (9th-12th)
- Schedule has an error (same class listed twice, class omitted, or class requested not included) (9th-12th)
- Schedule has a class which has been taken over the summer and needs to be dropped in the fall (9th-12th)

**NOTE:** We cannot accommodate schedule requests or changes based on teacher preference or learning style. We strongly believe that students benefit from learning from a variety of different teachers.

**Lane Changes**

**English Department Course Level Change Policy:** The English department is dedicated to providing the best learning environment for all students. Courses with the same name do not necessarily cover the same standards and texts simultaneously. Therefore, all English course level changes must take place by the end of the second week of the semester. Such changes are contingent on the IS’s approval. The IS will consider student’s current and past performance, class size, dynamic of the class, and the overall circumstances. Our semester-long course system does allow students to initiate level changes before the start of the next semester, depending on space available in the class they want to move into.
Social Studies Department Course Level Change Policy: Students who wish to drop AP Econ to take Econ 11 during the first semester must do so by 2 weeks into the semester. Anyone dropping after that date will be placed in Econ 11 second semester. Students who wish to drop AP Psychology to take a Social Studies elective during the first semester must do so by 2 weeks into the semester. Anyone dropping after that date will be placed in a class second semester. Students wishing to move from APUSH to USH or American Studies must do so within the first 4 weeks.

Math Department Course Level Change Policy: Students choose a particular lane based on their performance in the previous course, teacher recommendation and potential summer work. Students earning a C- or below in a class can request a lane change. Such changes are contingent on class size and must be approved by the IS. Changes can only be made before the end of the 1st quarter or at the semester break. Students who change lanes during first semester carry over their grade at the time to the new lane.

Science Department Course Level Change Policy: If students show signs of struggling before the end of the first progress reporting period, it may be possible for them to change levels of a course, but only if there is room in the alternate course and only if a major schedule change is not required. Level changes must be approved by both teachers as well as the Instructional Supervisor. All efforts will be made to support struggling students and to facilitate success (“C-” or higher) in their science courses.

Students wishing to challenge themselves in a higher level of a course may do so at the start of the school year, if there is room; however, once they have changed, they will need to stay in that course until the end of the semester. Teachers recommend that students stay in a course for the first full unit of study in order to have multiple types of assessments (quiz, test, lab report, homework) to help inform their desire to change levels.

Students interested in changing levels should contact their science teachers as soon as possible in order to discuss their options.

Dropping a Course
Students wishing to drop courses in which they are enrolled must submit a drop form with parent signatures to their counselor. Drop forms can be obtained from the Counseling Office. Students must attend the class until their schedule is officially changed.

Colleges should be notified of any changes in academic schedule if completed after the application has been sent. It is the student’s responsibility to make this notification.

A student wishing to drop a course in which s/he is enrolled and not have it appear on his/her transcript must do so by the date indicated on the academic calendar shown on the Gunn Web site.

<table>
<thead>
<tr>
<th>Art</th>
<th>Music/Drama</th>
<th>PE</th>
<th>Career Technical Ed.</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drawing/Painting</td>
<td>Symphonic Band</td>
<td>Physical Ed</td>
<td>Fiber Arts</td>
<td>Work Experience</td>
</tr>
<tr>
<td>Advanced Draw/Paint 1</td>
<td>Jazz Ensemble</td>
<td>Adaptive PE</td>
<td>Automotive Technology</td>
<td>Exploratory Experience</td>
</tr>
<tr>
<td>Advanced Draw/Paint 2</td>
<td>Wind Ensemble</td>
<td></td>
<td>Engineering Technology</td>
<td>School Service</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>Orchestra</td>
<td></td>
<td>Video Production</td>
<td>Teacher Assistant</td>
</tr>
<tr>
<td>Advanced Graphic Design</td>
<td>Concert Choir</td>
<td></td>
<td></td>
<td>English Language</td>
</tr>
<tr>
<td>Ceramics/Sculpture</td>
<td>Advanced Vocal</td>
<td></td>
<td></td>
<td>Development classes</td>
</tr>
<tr>
<td>Advanced Sculpture</td>
<td>Stage Tech</td>
<td></td>
<td></td>
<td>Academic Planning</td>
</tr>
<tr>
<td>Advanced Sculpture 2</td>
<td>Theater 3/4</td>
<td></td>
<td></td>
<td>Focus on Success</td>
</tr>
<tr>
<td>Yearbook</td>
<td></td>
<td></td>
<td></td>
<td>Advanced Journalism</td>
</tr>
<tr>
<td>Advanced Photo</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PLEASE NOTE: Certain course offerings or programs may put students at risk for accidents. These courses/programs include, but are not limited to, chemistry, engineering tech, stage technology, home economics, physical education, and athletics. Parents may wish to discuss the accident potential of courses/programs with staff members before approving student enrollment.
Students are required to have 220 semester credits for graduation. Ten credits are granted for successfully completing a course that meets each day for a school year; five credits are granted for a semester course.

<table>
<thead>
<tr>
<th>Subject Requirements (A-G)</th>
<th>PAUSD Graduation Requirements</th>
<th>University of California (UC)/Cal State University (CSU)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Studies (A)</td>
<td>• World History (10)</td>
<td>• World History (10)</td>
</tr>
<tr>
<td></td>
<td>• US Government (5)</td>
<td>• US History (10)</td>
</tr>
<tr>
<td></td>
<td>• Contemporary World History (5)</td>
<td>20 Credits</td>
</tr>
<tr>
<td></td>
<td>• US History (10)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Economics (5)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Social Studies Elective (5)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>40 Credits</td>
<td></td>
</tr>
<tr>
<td>English (B)</td>
<td>40 Credits</td>
<td>40 Credits</td>
</tr>
<tr>
<td>Math (C)</td>
<td>• Algebra</td>
<td>• Through Algebra 2</td>
</tr>
<tr>
<td></td>
<td>• Geometry</td>
<td>30 credits (40 credits recommended)</td>
</tr>
<tr>
<td></td>
<td>• Algebra 2 (class of 2018)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>30 Credits</td>
<td></td>
</tr>
<tr>
<td>Science (D)</td>
<td>• Biology (10)</td>
<td>• Lab Science (Physical and Life Science)</td>
</tr>
<tr>
<td></td>
<td>• Physical Science (10)</td>
<td>20 credits (30 credits recommended)</td>
</tr>
<tr>
<td></td>
<td>20 Credits</td>
<td></td>
</tr>
<tr>
<td>World Language (E)</td>
<td>• Two years in the same language</td>
<td>20 credits (30 credits recommended)</td>
</tr>
<tr>
<td></td>
<td>20 credits</td>
<td></td>
</tr>
<tr>
<td>Visual/Performing Arts (F)</td>
<td>• Same field</td>
<td>• Same field</td>
</tr>
<tr>
<td></td>
<td>10 credits</td>
<td>10 credits</td>
</tr>
<tr>
<td>Electives (G)</td>
<td>25 credits</td>
<td>• College prep electives</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 credits</td>
</tr>
<tr>
<td>Physical Education</td>
<td>20 credits</td>
<td>0 credits required</td>
</tr>
<tr>
<td>Career Technical Ed. (CTE)</td>
<td>10 credits</td>
<td>0 credits required</td>
</tr>
<tr>
<td>Living Skills</td>
<td>5 credits</td>
<td>0 credits required</td>
</tr>
<tr>
<td>TOTAL</td>
<td>220 CREDITS</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### 2016-2017 Approved A-G Courses for University of California and California State University

For a live list of approved courses: https://hs-articulation.ucop.edu

### 2016-2017 NCAA Approved Courses

For a list of NCAA approved courses, please visit the NCAA Eligibility Center at: https://web1.ncaa.org/hsportal/exec/hsAction
The NCAA High School Code and the CEEB code are both 052347. You can use either box to find Gunn High School.
To achieve our mission, the Board of Education has adopted the following competencies as the basis of what we expect our students to know and be able to do when they are graduated from PAUSD:

**SLOs to be Measured by Report Card Grades:**
1. Demonstrate knowledge of key concepts, principles, processes, facts, and skills in the disciplines of language arts, history-social science, mathematics, science, physical education, visual and performing arts, foreign language, career technical education, and health/practical living skills.

**SLOs to be Measured by the Rubrics:**
1. Effective communication through listening, speaking, and writing
2. Strong research skills
3. Ability to integrate knowledge among disciplines
4. Reading with understanding
5. Critical and creative thinking to solve problems
6. Effective use of technology

**SLOs**
The SLOs addressed by each course are indicated for each department. Most departments indicate the SLOs addressed following each course description. The numbers correspond with the numbers indicated above.

**Homework Expectations**
To assist students in making appropriate choices for the coming school year, the hours of work expected of students outside of class time is indicated below each course description or, in some cases, at the start of course descriptions for each department.
# AP CONTRACT

## HENRY M. GUNN HIGH SCHOOL

### ADVANCED PLACEMENT CLASSES CONTRACT

Gunn High School supports any student who wishes to enroll in Advanced Placement (AP) classes. Please remember that Advanced Placement courses are college level courses. Students should be motivated to take an AP class by an appreciation for the subject. Students who are overextended with academics and/or extracurricular activities should give careful consideration to whether they have time to devote to an AP class and also to the number of AP classes that they can successfully complete. Gunn High School suggests a maximum of two AP classes per semester.

### Students who enroll in an AP course are expected to:

1. Be independent learners willing to read, learn, ask questions, pursue outside reading and research, integrate and discuss material from diverse sources.
2. Meet any prerequisites prior to enrolling in an AP course.
3. Prepare for and take tests on time.
4. Accept that enrollment in an AP course does not guarantee an A or B grade.
5. Spend more than the average amount of time on work outside of class.

### Students who enroll in an AP courses and their parent/guardian must sign the following written contract:

1. I recognize that I have to demonstrate independence and responsibility. AP courses typically require more homework compared to non-AP college prep courses (approximately 40 minutes a night or 2.5 hours a week).
2. I commit to remain enrolled in the AP courses I have chosen for the entire year (or semester for AP Econ). If special circumstances arise and I must drop an AP course, I understand there may not be space available in a college prep class. I understand I may have to delay taking a required class because of my drop.
3. I understand that Gunn High School does not recommend students take more than two AP classes per year.
4. I understand there may be a prerequisite for an AP/Honors course as outlined in the Paly/Gunn course catalog. By enrolling in an AP/Honors course, I certify that I meet these prerequisites.
5. I agree to uphold Gunn High School’s Academic Integrity Policy.
6. I will speak with my parent/guardian, teacher or guidance counselor if I start feeling overwhelmed with my academic workload.
7. I realize that by enrolling in an Advanced Placement course I am expected to take the corresponding Advanced Placement Examination in May. Funding support for this examination may be available for students with demonstrated financial need.
8. I will complete the Time Management Worksheet to the best of my ability and use this tool in selecting my courses to maintain a balanced life.

---

**Student Signature**

**Date**

**Parent Signature**

**Date**

**Counselor Signature**

**Date**

<table>
<thead>
<tr>
<th>AP courses I plan on taking</th>
<th>Additional AP Courses I would like to take</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1.</td>
</tr>
<tr>
<td>2.</td>
<td>2.</td>
</tr>
</tbody>
</table>
### TIME MANAGEMENT ACTIVITY FORM

This worksheet is a time management tool. It is designed to help you make informed decisions about the way you want to spend your time next year.

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>AVG. HOURS PER WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>School Activities</strong></td>
<td></td>
</tr>
<tr>
<td>School (e.g. 5 days x 7 hours)</td>
<td>35</td>
</tr>
<tr>
<td>Work Outside of Class (including projects, studying for tests, homework, etc.)</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td></td>
</tr>
<tr>
<td>Elective 1</td>
<td></td>
</tr>
<tr>
<td>Elective 2</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal (School Activities)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Outside Activities (as applicable)</strong></td>
<td></td>
</tr>
<tr>
<td>Hobbies/Interests</td>
<td></td>
</tr>
<tr>
<td>Work/Job/Chores/Community Service</td>
<td></td>
</tr>
<tr>
<td>Religious Activities</td>
<td></td>
</tr>
<tr>
<td>Sports</td>
<td></td>
</tr>
<tr>
<td>Musical Performances</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal (Outside Activities)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Daily Living Activities</strong></td>
<td></td>
</tr>
<tr>
<td>Family Time</td>
<td></td>
</tr>
<tr>
<td>Sleep (recommended: 7 days x 9 hours = 63 hours)</td>
<td>63</td>
</tr>
<tr>
<td>Preparation Time (eating, showering, etc.)</td>
<td></td>
</tr>
<tr>
<td>Social Time (social media, hanging out with friends)</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal (Daily Living Activities)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total Hours in a Week (THW)</strong></td>
<td>168</td>
</tr>
<tr>
<td><strong>Total Hours adding all Activities (THA)</strong></td>
<td></td>
</tr>
</tbody>
</table>

Add up the hours, are you + or -? THW – THA =
How to Read the Course Catalog:

- **Course Title**: The title of the course.
- **Course Number**: The unique identifier for the course.
- **UC/CSU Approval**: Whether the course is approved by UC/CSU.
- **Course Length**: The length of the course.
- **Course Description**: A detailed description of the course.
- **Additional Course Information**: Any additional details or requirements for the course.
- **What you must have prior to taking the class**: Prerequisites, if any.
- **Prerequisites**: Art Spectrum or equivalent
- **Homework Expectation**: 1 hour per week on average
- **District SLOs Addressed in this Course**: 1, 6, 7
- **Course Title**: GRAPHIC DESIGN (6262)
- **(UC Approved “f”)**
- **Year**: The academic year.

This course can be used to fulfill the Visual and Performing Arts requirement for the UC and CSU systems. This class fulfills the district Career Technical Education requirement. This is an introductory course involving studio inquiry into the nature of graphic design and visual problem solving. Topics introduced in the course are: symbols, typography, information design, visual concepts, and three-dimensional graphic design. Emphasis is placed on the basic art elements and principles that underlie all great designs—the tools and techniques needed to effectively translate visual ideas, execute the concept, and construct a design, in order to develop an understanding of how form and message create a visual language. The course also introduces the student to studio operations and procedures including traditional and digital media, client-designer relations, production processes for print media, graphic design history and cultural content, as well as written and oral components of classwork. Seniors have the option to curate and exhibit their body of work in the Library Gallery through a sign-up process. This course is open to grades 10-12.
BUSINESS

CRIMINAL & CIVIL LAW (4540)  (NOT UC Approved)  Semester

This is a very exciting class that will challenge your perspective of law and punishment as we explore controversial cases and issues. Criminal and Civil Law examines the types of crimes, legal rights, as well as the civil consequences faced after a crime. Criminal and Civil Law class also examines torts, individual rights and liberties, contract law and juvenile law. A field trip to criminal court will occur and there will be guest speakers such as lawyers, a police officer, among others.

- Prerequisites: None; open to all grade levels
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6

LAW I (4541)  (UC Approved “g”)  Year

Law 1 is an exciting legal course targeting students who may consider a career in the legal field. This exciting course takes the students through the criminal justice system, criminal law, Constitutional law, procedural law, adjudication process and an in depth look into landmark court cases. Students also examine the Bill of Rights and how they apply to law. There are many expert guest speakers, four mock trials, debates and a field trip in this year’s course.

- Prerequisites: None; open to grades 11 and 12
- Homework Expectation: Most work is completed in class. Little to no homework.
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6

MULTIMEDIA DESIGN & APPLICATION (5853)  (NOT UC Approved)  Semester

Students will be introduced to industry-standard multimedia tools, skills, and materials that they can manipulate as the primary means of communication and creative expression. In this hands-on course students will explore basic applications of various multimedia tools to create visual, aural, and written projects in both digital and print format. The subjects taught in this class include basic photo and video editing, audio recording, and Web applications. Students will also learn to properly format technical documents using word processing, spreadsheets, and digital presentation software. This course will provide students with knowledge of media literacy, including Web ethics, copyright and fair use, and internet safety concepts.

- Prerequisites: None; open to all grade levels
- Homework Expectation: Most work is completed in class. Little to no homework.
- District SLOs Addressed in this Course: 1, 2, 3, 4, 6, 7

VIDEO PRODUCTION (1033)  (NOT UC Approved)  Fall Semester

This course provides students with opportunities to work on individual and small group video projects. Workshop methods will be employed to provide students with basic understandings of principles and practices of videography. Students in this course will be expected to develop project treatments, write and rewrite shooting scripts, develop storyboards, film and edit projects. An exhibition of student works will be held each semester.

- Prerequisites: None; open to all grade levels
- Homework Expectation: Minimal homework
- District SLOs Addressed in this Course: 1, 2, 4, 6, 7
## ADVANCED VIDEO PRODUCTION (1034) (NOT UC Approved)  
**Spring Semester**

In this course students will investigate advanced techniques of video production: directorial style, script development, camera technique, editing, etc. Evaluation of the aesthetic principles of videography, investigation of selected historical topics, and “hands-on” training in video technique will form the basis of most class sessions. Each semester course will culminate in an exhibition of original student video projects. Students who are approved by the teacher may choose to take this course as independent study.

- **Prerequisites:** Video Production 1; open to all grade levels
- **Homework Expectation:** Minimal homework
- **District SLOs Addressed in this Course:** 1, 2, 4, 6, 7

## BROADCAST VIDEO (1039) (Intro to Broadcasting Journalism) (NOT UC Approved)  
**Year**

Broadcast Video 1 operates as a project-based classroom where collaborative groups will be responsible for creating student produced school video features for the Gunn community. Workshop methods and “hands-on” training will be employed to provide students with a basic understanding of the principles of broadcast television production and video journalism. All student productions will be broadcast over television and the Web. Basic field video production will be applied to explore various types of programs such as student documentaries, sports and events. Speaking and interpersonal abilities are integral to this class for interviews and appearances on camera. This course will address the hands-on use of technology, primarily cameras, video editing software, podcasts, and Web streaming. Upon completing studio training, students may participate in the live morning announcements production during the second semester.

- **Prerequisites:** None; open to all grade levels
- **Homework Expectation:** Video productions will require additional time outside of scheduled class period
- **District SLOs Addressed in this Course:** 1, 2, 4, 6, 7

## ADVANCED BROADCAST VIDEO PRODUCTION BLC (5623) (NOT UC Approved)  
**Year**

This blended learning course serves to broadcast campus news and selected features to the Gunn High School community. Students will be required to attend a weekly lab session in the broadcast studio during the 0 period (7:30am - 8:30am) to produce a live television announcements show. Lab sessions will be scheduled weekly. Workshop methods and “hands-on” training will be employed to provide students with an understanding of the principles of broadcast television production and video journalism. Advanced broadcasting operates as a project-based classroom where collaborative groups will be responsible for creating student produced school video features. All student productions will be broadcast over television and the Web. Field video production will be applied to explore various types of programs such as student documentaries, sports and events. Speaking and interpersonal abilities are integral to this class for interviews and appearances on camera. This blended course will address the hands-on use of technology, primarily cameras, video editing software, podcasts, and Web streaming.

Blended Learning Courses feature instruction delivered in a non-traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers. Homework expectation does not include independent work time given during the blended release time.

- **Prerequisites:** Completion of Intro to Broadcasting, Video Production 1, Multimedia Design, Theatre 1, or instructor approval
- **Homework Expectation:** Attend weekly live television lab session required (morning announcements). Video productions will require additional time outside of scheduled class period.
- **District SLOs Addressed in this Course:** 1, 2, 4, 6, 7
VIDEO PRODUCTION 3 INDEPENDENT STUDY-PAUSD TV (1046) (NOT UC Approved) Year

Students enrolled in this independent study course will plan, produce, and edit video projects for district-wide (PAUSD TV) communication efforts. This project based class will give students the opportunity to learn and work in a industry standard environment related to careers in broadcast journalism, TV/Film production and post production, media project management, public relations, corporate communications, and marketing. Students are required to attend all scheduled group meetings and editing sessions. This course is available to Gunn and Paly students.

- **Prerequisites:** Complete Advanced Video Production or Advanced Broadcast Journalism, or teacher approval.
- **Homework Expectation:** Minimal homework
- **District SLOs addressed in this course:** 1, 2, 4, 6, 7

ADVANCED JOURNALISM (1453) (UC Approved “g”) Year

Through such activities as reading and analyzing professional models, interviewing, research and writing, revising and editing, students will demonstrate the mastery of journalistic writing and ethics needed for publication of their work in the school and professional press. Students will acquire the technical skills needed for desktop publishing. Completion of Beginning Journalism (Journal 11, description is in the General Credit courses section) is a prerequisite for this course. The course may be repeated for district graduation credit, but currently has not received approval to substitute UC English elective credit. With approval of the instructor, this course may also satisfy the Career/Vocational Education requirement.

- **Prerequisites:** Completion of Beginning Journalism (Journal 11) plus adviser interview are prerequisites for this course; open to grades 10-12
- **Homework Expectation:** Minimal, except during production times when students are expected to attend after-school production two times a month
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6, 7

STAGE TECHNOLOGY (1087) (NOT UC Approved) Semester 1

STAGE TECHNOLOGY (1088) Semester 2

Stage Technology and Design is designed to integrate theoretical and practical knowledge of stage technology and design. Students will study the design and construction of sets, lighting, sound, and costumes, and apply their skills by developing design concepts and mounting productions from a variety of theatrical genres. By assuming vital roles in play productions, students will work effectively in leadership and ensemble situations, and experience the relationship of technical theatre to the theatrical event as a whole. Students will learn to operate theatrical equipment and tools safely, and use these skills to provide technical services for many school stage activities. This course satisfies the Career Technical Education Program requirement and Visual and Performing Arts requirement, and may be repeated for four years.

- **Prerequisites:** None; open to all grade levels
- **Homework Expectation:** None
- **District SLOs Addressed in this Course:** 4, 6, and 7
- **This class meets during H Period**

ADVANCED STAGE TECHNOLOGY (4915) (NOT UC Approved) Year

Students will continue to practice their technical theater skills at an advanced level through working in leadership roles on Gunn Theatre Productions. They will manage and supervise a design or construction crew while drawing on their knowledge of theater history, design aesthetics, and creative processes. At the end of a production, students will be responsible for a production report, analyzing their process, successes and challenges. This course will also require students to archive their designs and experiences in a portfolio, which they will present at the end of the
spring semester. This course satisfies the Career Technical Education Program requirement and Visual Performing Arts requirement, and may be repeated for three years.

- **Prerequisites:** Successful completion of one full year of Stage Technology and Design, and approval of the instructor; open to grades 10-12
- **Homework Expectation:** 4 hours a week on average
- **District SLOs Addressed in this Course:** 4, 6, and 7
HOME ECONOMICS

Experienced and beginning students have the opportunity to use their expertise and learning skills. Each course stands on its own merit and can be taken independently or in combination. The best student projects will be exhibited at various times throughout the semester.

CULINARY ARTS – INTRODUCTION (5620) *(NOT UC Approved)* Semester

If you have a special liking for good food, even if you have never done much more than boil water, this class is for you. If you have had lots of experience in the kitchen but want to stretch your skills, want to explore the why’s and how’s of delicious foods, this is your course, too. An art as well as a science, good cooking rests on basic principles and skills that have been refined over centuries. These principles and skills are demonstrated and practiced in class in clear, easy steps. Plunge in and have fun! Your family and friends will relish the results while you build your reputation as a terrific cook.

- Prerequisites: None; open to all grade levels
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6

CULINARY ARTS–INTERNATIONAL & REGIONAL FOODS (5621) *(NOT UC Approved)* Semester

Join a classroom tour of famous food of the regional United States, Asia, Europe, Africa and more. In addition to selecting, preparing, tasting and enjoying famous dishes typical to each region, you will learn about preparation methods, serving techniques and special equipment specific to the dishes made. If you love to cook and enjoy trying new and different foods, this eighteen-week travelogue of international culinary delights is for you!

- Prerequisites: None; open to all grade levels
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 2, 4, 5, 6

SPORTS NUTRITION (5620) *(NOT UC Approved)* Semester

Blended Learning Course

This class is all about empowering students with the knowledge to create nutritionally balanced meals that will enhance sports performance as well as overall good health. Guest speakers (Athletes, Sports Trainers, Nutritionists, Former Student Athletes) will be invited into our classroom, and we will use technology to actively engage your mind in the dynamic field of Sports Nutrition. Emphasis is placed on healthy food selection, improving nutritional value through ingredient selection, and cooking techniques that will enable students to create nutritionally balanced delicious dishes. If you are interested in eating for everyday activities or you especially have sports success on your mind; this class will prepare you for a healthy lifestyle with plenty of cooking and you will be creating and analyzing recipes to support peak performance.

Blended Learning Courses feature instruction delivered in a non-traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers. Homework expectation does not include independent work time given during the blended release time.

- Prerequisites: None; open to all grade levels
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6

FIBER ARTS (5613) *(NOT UC Approved)* Semester

If you like working with fabric and creative textiles this is the class for you. In this course you will work with many different fibers and fiber applications. A few that will be covered are: quilting, embroidery, fabric painting, machine appliqué, knitting, crocheting and needlework. You will also learn to use the sewing machine to enhance your creativity. This course will allow you to create unique fabric and craft items.

- Prerequisites: None; open to all grade levels
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6
INTERIOR DESIGN  (5851)  

Do you care about your living environment? Do you want your room and your home to reflect you? In this course you will examine your likes and dislikes and to discover and develop your own personal sense of good taste. You will create your own floor plan, select and arrange furniture, fabrics, and accessories for your “dream home.” You will learn architectural and furniture styles, line, design, form, color and texture and be able to combine them into the kind of living environment which best reflects you. You will also develop an ability to decorate on a budget and how to inexpensively change the appearance of a room.

- **Prerequisites:** None; open to all grade levels
- **Homework Expectation:** None
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6

ENGINEERING

AUTOMOTIVE TECHNOLOGY 1 (5043)  

This course assumes no previous knowledge about automobiles and their operational systems.

The course is designed for the owner/driver, and emphasizes the understanding of the operation of automotive components, consumer awareness, preventive maintenance practices, tune-up procedures, elementary trouble analysis, and minor repairs. Approximately 40 percent of the class time is devoted to discussions and demonstrations and 60 percent to related shop activities on shop units and personal automobiles. This is the type of course automobile owners wish they would have taken.

- **Prerequisites:** None; open to all grade levels
- **Homework Expectation:** No homework is assigned for this class but special projects/events may require additional out of class time to complete them
- **District SLOs Addressed in this Course:** 1, 4, 6, 7

AUTOMOTIVE TECHNOLOGY 2 (5050)  

Designed for the student who desires more information, experience and proficiency related to automotive operation and repair. Instrument troubleshooting of electrical systems, brake systems and brake service, and suspension systems are but a few of the topics explored in depth in the course. Certain operations and projects are required but adequate time is provided for personal projects and problems. Competent students who wish to be teacher aides or desire further grooming for employment can make special arrangements for a third year with the instructor’s permission. They will be classified as teacher aides or special service.

- **Prerequisites:** Auto 1 or permission of the instructor; open to grades 10-12
- **Homework Expectation:** No homework is assigned for this class but special projects/events may require additional out of class time to complete them
- **District SLOs Addressed in this Course:** 1, 4, 6, 7

INTRODUCTION TO ENGINEERING DESIGN – PLTW (8569)  

Introduction to Engineering Design (IED) is a great first course for students who are curious about design and/or engineering careers. The course is based on curriculum provided by Project Lead the Way (PLTW) and has been customized to address Gunn High School’s Silicon Valley student population and equipment, including a state-of-the-art 3D printer. The major focus of IED is the design process, and each week students will complete activities that provide hands-on experience with brainstorming, technical sketching, CAD (computer-aided design) techniques, technical documentation, and technical communication through writing and presentations. The course introduces students to engineering standards, dimensional analysis, statistical analysis using Microsoft Excel, tolerances, and reverse engineering. During the course of the school year each student develops a personal engineering notebook that documents his or her skills and designs, culminating in a final project printed on the 3D printer. The course also develops teamwork and communication through group projects. Students in this course have the opportunity to compete in regional and statewide PLTW design competitions hosted by tech companies and local universities each year. In addition, students can earn an Autodesk Inventor professional certification by passing an online exam administered by Autodesk.
Although aimed primarily at freshmen and sophomores, IED is open to all grades and assumes no previous knowledge. The course fulfills the UC "g" Elective (Interdisciplinary) requirement OR the CTE graduation requirement.

College Board AP + PLTW student recognition (new in 2016): Students who complete two PLTW courses and an AP class, with qualifying scores on course-related exams and assessments, will earn College Board AP + PLTW student recognition. This recognition shows colleges that you’re prepared for advanced coursework in the field you’re studying.

- **Prerequisites:** Concurrent enrollment in a college preparatory math AND science course; open to all grade levels
- **Homework Expectation:** No assigned homework. Students are given class time to complete work. Some students may need extra time to complete assignments at home.
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

### PRINCIPLES OF ENGINEERING – PLTW (5090)

**Year**

Principles of Engineering (POE) is a hands-on survey course of major engineering concepts, based on curriculum provided by Project Lead the Way (PLTW). The major units of POE present concepts in the areas of mechanisms, energy, statics, robotics, and projectile motion, which students then apply by building and testing their own designs. Projects include optimizing windmill power output, a solar-powered car, calculating efficiency of complex machines, electric circuit breadboarding, building and programming robots using VEX robotics components, and projectile motion. Students learn to apply engineering and scientific concepts to the solution of design problems, while also developing problem-solving and teamwork skills. During the course of the school year each student develops a personal engineering notebook that documents his or her skills and project designs. Students also develop presentation skills as they communicate their solutions to peers and members of the professional community. The open-ended objectives of many POE projects allows motivated students to explore areas of personal interest. Students in this course also have the opportunity to compete in VEX Robotics competitions.

POE fulfills the UC “g” Elective (Interdisciplinary) requirement OR the CTE graduation requirement.

College Board AP + PLTW student recognition (new in 2016): Students who complete two PLTW courses and an AP class, with qualifying scores on course-related exams and assessments, will earn College Board AP + PLTW student recognition. This recognition shows colleges that you’re prepared for advanced coursework in the field you’re studying.

- **Prerequisites:** Introduction to Engineering Design, plus concurrent enrollment in a college preparatory math AND science course; open to grades 10-12
- **Homework Expectation:** ~1 hour per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

### ENGINEERING TECHNOLOGY (8574)

**Year**

Students who enroll in Engineering Technology are automatically included on the Gunn Robotics Team (GRT).

Engineering Technology is an intense hands-on survey course designed to provide experience in mechanical fabrication and various engineering careers. The curriculum is designed to fit the needs of both four-year college bound students and those interested in a two-year career tech education. Conceptual instruction begins with the design cycle, which students experience in all stages through hands-on skill development from brainstorming to prototyping to manufacturing and testing. Robotics, programming, electronics, machining, computer graphics, and CAD (computer-aided design) technologies are introduced to all students using industry-standard equipment. Applications of scientific principles, mathematical concepts, and communication skills are accentuated in an activity-oriented approach. Group dynamics and communication techniques are emphasized through informal classroom competitions. GRT competes against other high school robotics teams in 2–4 FIRST Robotics competitions each year.

- **Prerequisites:** Open to grades 11-12
- **Homework Expectation:** Yearlong participation in after-school and weekend activities is variable but time commitment increases considerably during January through April of the second semester.
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7
### PROGRAMMING FOR MOBILE DEVICES BLC (2492)

**Blended Learning Course**

The Blended Course, Programming for Mobile Devices, introduces students to mobile application development. This semester long course will cover many topics not found in other computer science courses, such as: managing lifecycles, databases (including SQLite), background threading, and best practices for memory-efficient coding. This hands-on course will culminate in a final project in which students create and produce a unique application to be published on the Google Play marketplace.

Blended Learning Courses feature instruction delivered in a non traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers. Homework expectation does not include independent work time given during the blended release time.

- **Prerequisites:** 10th to 12th grade students who successfully complete Introduction to Object-Oriented Programming or are concurrently enrolled in AP Computer Science
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7

### WORK EXPERIENCE

**WORK EXPERIENCE PROGRAM (8484)**

Work Experience is a program that combines classroom instruction with part-time student employment. Juniors and seniors are eligible to enroll in this program. Attain your own job (some boundary limits) or the Work Experience teacher will help you find a job. Work Experience students are given the first opportunity to apply and interview for jobs but employment cannot be guaranteed. Excellent opportunity to learn interviewing skills for college and employment and the necessary soft skills required by employers.

Variable credit is based on the number of hours worked during the semester and on class attendance. Students may attend class at either Gunn or Paly. Classes are held on Tuesdays from 6:00-6:50 p.m. at Gunn and from 3:05-3:55 p.m. at Paly. Students do not have to have a job to take this class and still earn 1.5 credits.

All businesses must comply with labor laws and regulations concerning Workers' Compensation Insurance, Social Security, and Income Taxes. An employer-employee relationship must exist. Work Experience qualifies for the Career Technical Education credit. Sign up for WEEP period H.

For more information see Ms. Gyves, Work Experience Coordinator/Teacher at Gunn 354-8221 or Paly 329-3816.

- **Prerequisites:** None; open to grades 11-12
- **District SLOs Addressed in this Course:** 1, 2, 4, 6

### EXPLORATORY EXPERIENCE (8421)

Exploratory Experience is an unpaid off-campus course that provides students with an opportunity to explore their specific career interests by direct observation and a hands-on experience. Professionals or individuals with established expertise serve as mentors in their specific fields for students in this program. Placement in this program is limited to experiences that are developed through the school district and excludes community organizations such as clubs, private lessons, and non-career focused service. Students are not enrolled until they have met with the coordinator and a suitable post is located. Exploratory Experience-class meets with the Work Experience class and students may attend class at either Gunn or Paly. Classes are held on Tuesdays from 6:00-6:50 p.m. at Gunn and from 3:05-3:55 p.m. at Paly.

Exploratory students register for both Work Experience and Exploratory Experience class. Exploratory Experience qualifies for Career Technical Education credit. Sign up for Exploratory Experience, period H.

For more information see Ms. Gyves, Work Experience Coordinator/Teacher at Gunn 354-8221 or Paly 329-3816.

- **Prerequisites:** None; open to grades 10-12
- **District SLOs Addressed in this Course:** 1, 2, 4, 6
EXPLORATORY EXPERIENCE – Advanced Authentic Research (AAR)  (8429)

The Advanced Authentic Research (AAR) Program is a unique opportunity for students in grades 10-12 to do original research in an area of their choosing. These students will bring passion, curiosity, and perseverance to the program. The students will be paired with mentors/advisors who are experts in the field of the student’s choosing. It is possible for more than one student to work on a given project. The mentor will support and facilitate the student’s work in the mentor’s lab, office, or other appropriate environment. The student’s research will be supported by the process-oriented curriculum developed by the AAR team. The expectation is that students will spend about 60 hours per semester (3-4 hours per week) on their project. The program is offered as a Pass/Fail option and will earn 5 credits per semester. For more information, please visit:  http://aar.pausd.org

- Prerequisite: Students must complete a required letter of intent.
- Homework Expectation: 3 hours per week
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6

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<tr>
<th>COURSES OFFERED IN OTHER DEPARTMENTS THAT MAY BE TAKEN FOR CAREER TECH ED CREDIT</th>
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<tbody>
<tr>
<td><strong>Introduction to Computer Science Principles (8631)</strong></td>
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<td>(Not UC Approved)</td>
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<tr>
<td><strong>Functional and Object-Oriented Programming BLC (8634)</strong></td>
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<td>(UC Approved “g”)</td>
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<tr>
<td><strong>AP Computer Science BLC (2491)</strong></td>
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<td>(UC Approved “g”)</td>
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<tr>
<td><strong>Graphic Design (6262)</strong></td>
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<td><strong>Graphic Publication / Yearbook (6167)</strong></td>
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<td>(Not UC Approved)</td>
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<td><strong>Advanced Photography (6158)</strong></td>
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<td>(UC Approved “g”)</td>
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<tr>
<td><strong>Biotechnology (3955)</strong></td>
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<td>(UC Approved “d”)</td>
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<tr>
<td><strong>Advanced Drawing and Painting (6344)</strong></td>
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<td>(UC Approved “f”)</td>
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<tr>
<td><strong>Advanced Journalism (1453)</strong></td>
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<td>(Not UC Approved)</td>
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<tr>
<td><strong>BEAM: Business, Entrepreneurship, and Math</strong></td>
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</table>
The English program at Gunn High School focuses on the traditional concerns of the discipline—literature, composition, language, and grammar. Literature serves as a resource for the study of ideas, culture, and values, and the development of composition skills. The study of composition and writing emphasizes the art and the craft, the organization and the support, and the clear and effective use of language in its written forms. Vocabulary, language, and grammar studies are integrated with the study of literature and composition.

The Gunn English program consists of a four-year required sequence of both required and elective semester-long courses designed to meet students' needs in literature, composition, and language study. The complete sequence includes required courses in American, World, Contemporary, and Western Literatures, as well as in communication skills and literary genres.

In 2016-2017, students in grades nine and ten should enroll for the two courses required of freshmen and sophomores. They should indicate on their Course Request forms a choice of (a) one semester of Writer’s Voice (College Prep) or Contemporary Writers (College Prep) AND (b) one semester of Literary Styles (Advanced) or Contemporary Heritage (Advanced). The other two required courses for grades nine and ten will be offered the following year. The choice of college prep or advanced should be made with consideration of prior performance in English classes, work habits, development of skills, and academic interests. Consultation with a student's current English teacher and counselor may be helpful in making a choice.

In 2016-2017, students in grades 11 and 12 will select one required semester of American Literature and one elective course. During registration students should enroll in either American Literature (College Prep) or American Classics (H), a course that carries an "honors" designation on the transcript. In addition, students in grades 11 and 12 should indicate on their Course Request forms a choice of one semester-long elective and two alternate elective selections. It is very important to make accurate and thoughtful selections on this form so that the department schedule accurately reflects students' choices; requests made later are often difficult or impossible to satisfy, and courses with insufficient initial student enrollment are deleted from the department schedule.

**SLOs & HOMEWORK EXPECTATIONS FOR ENGLISH COURSES**

The four-year sequence of English courses provides students opportunities to demonstrate competence in all areas of the Schoolwide Learner Outcomes (SLOs). Each course places particular emphasis on the following three SLOs: (2) effective communication through listening, speaking, and writing; (5) reading with understanding; and (6) critical and creative thinking to solve problems.

By the nature of the discipline, the study of English will take some learners longer than others. In addition, due to the cycles of long- and short-term projects, a statement of the amount of time required for homework is only an estimation and an average. Homework for English generally comprises reading, writing, and the study of vocabulary. Advanced and honors courses, including AP English Literature and Composition, may require an average of three to five hours per week of work outside of class; regular and elective courses usually require less time.

**CONTEMPORARY WRITERS (1190)**

This course is for students who want a college prep program in high school English and uses the works and ideas of modern writers such as Harper Lee, Khaled Hosseini, and Julia Alvarez as the focus for studying literature and composition at the high school level. Because it is a required course, it includes particular emphasis on instruction in reading and writing. One semester of this course or Contemporary Heritage is required for graduation.

- **Prerequisites:** None; grades 9 and 10
- **Homework Expectation:** 2 hours a week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This class is a College Prep Class.**
<table>
<thead>
<tr>
<th>Course Title</th>
<th>UC Approved “b”</th>
<th>Semester</th>
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<tbody>
<tr>
<td><strong>CONTEMPORARY HERITAGE (1191)</strong></td>
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<tr>
<td>This course is for students who want an advanced program in high school English and uses the work of modern writers such as Harper Lee, Khaled Hosseini, Charles Dickens, and Julia Alvarez to explore the sources of contemporary trends and thought in literature and composition. Because this is a required course, it includes particular emphasis on instruction in reading and writing. One semester of this course or Contemporary Writers is required for graduation.</td>
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<td>• Prerequisites: None; grades 9 and 10</td>
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<tr>
<td>• Homework Expectation: 2-3 hours a week</td>
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<td>• District SLOs Addressed in this Course: 1, 2, 5, 6</td>
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<td>• This class is an Advanced Class</td>
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<tr>
<th><strong>WRITER'S VOICE (1192)</strong></th>
<th>UC Approved “b”</th>
<th>Semester</th>
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<td>This college prep course introduces students to the writer's choices for communicating a message through the variety of literary types: a Shakespearean drama, a memoir, short stories, poetry, and a novel. Because it is a required course, the works provide the resources for particular emphasis on instruction in reading and literature, writing and composition. One semester of this course or Literary Style is required for graduation.</td>
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<td>• Prerequisites: None; grades 9 and 10</td>
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<td>• Homework Expectation: 2 hours a week</td>
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<table>
<thead>
<tr>
<th><strong>LITERARY STYLE (1193)</strong></th>
<th>UC Approved “b”</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course introduces students in an advanced English program to the writer's options in literary genres such as drama, memoir, short story, novel, and poetry. Because it is a required course, the works of writers such as Shakespeare, Golding, and Angelou provide the resources for particular emphasis on instruction in reading and literature, writing and composition. One semester of this course or Writer's Voice is required for graduation.</td>
<td></td>
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<tr>
<td>• Prerequisites: None; grades 9 and 10</td>
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<tr>
<td>• Homework Expectation: 2-3 hours a week</td>
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<tr>
<td>• District SLOs Addressed in this Course: 1, 2, 5, 6</td>
<td></td>
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<tr>
<td>• This class is an Advanced Class</td>
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<table>
<thead>
<tr>
<th><strong>AMERICAN LITERATURE (1293)</strong></th>
<th>UC Approved “b”</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>This college prep course for students uses the works of important American writers such as Fitzgerald, Steinbeck, Morrison, and Tan as the focus for studying the composition and literature as well as American thought and values. Because it is a required course, it includes a particular emphasis on instruction in reading and writing. One semester of this course or American Classics H is required for graduation.</td>
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<tr>
<td>• Prerequisites: Successful completion of 9th and 10th grade UC Approved “b” courses; grades 11 and 12</td>
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<tr>
<td>• Homework Expectation: 2-3 hours a week</td>
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<tr>
<td>• District SLOs Addressed in this Course: 1, 2, 5, 6</td>
<td></td>
<td></td>
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<tr>
<td>• This class is a College Prep Class</td>
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<thead>
<tr>
<th><strong>AMERICAN CLASSICS H (1309)</strong></th>
<th>UC Approved “b”</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>This advanced course for students uses the works of major American writers such as Fitzgerald, Steinbeck, Morrison, and Tan as the source of studying composition and literature as well as American thought, culture, and values. As a required course, it includes a particular emphasis on instruction in reading and writing.</td>
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<td></td>
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<tr>
<td>• Prerequisites: Successful completion of 9th and 10th grade UC Approved “b” courses; grades 11 and 12</td>
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<tr>
<td>• Homework Expectation: 2-3.5 hours a week</td>
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<td></td>
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<tr>
<td>• District SLOs Addressed in this Course: 1, 2, 5, 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• This class is an Honors Class</td>
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</table>
AMERICAN STUDIES  (1288)  

This yearlong interdisciplinary course for juniors combines the study of U.S. History and American Literature. In this course, students will explore American culture and history through the use of historical documents and readings from a wide range of classic authors, from F. Scott Fitzgerald to Toni Morrison. In addition, the course incorporates the art, music, film, fashion, and popular culture of the 20th century in American society. Through field trips, students have the opportunity to explore the rich history of the Bay Area. American Studies offers five units of U.S. History and five units of English credit per semester. Students must enroll in American Studies for both U.S. History and English.

- Prerequisites: Successful completion of 9th and 10th grade UC Approved "b" courses; grades 11 and 12
- Homework Expectation: 2-3.5 hours a week
- District SLOs Addressed in this Course: 1, 2, 5, 6
- This class is a College Prep Class
- Student must be concurrently enrolled in American Studies (1694) for History

ENGLISH ELECTIVE COURSES

These courses are open only to juniors and seniors, may not be repeated for credit, and will be offered annually only if there is sufficient enrollment. All electives meet the UC specifications for a significant reading and writing component unless otherwise indicated.

BEGINNING JOURNALISM (1457)  

Through reading and analyzing professional models of non-fiction writing including news, features, editorials, and reviews, students will learn to plan, write, and revise news stories, profiles, personal experience, observational, and persuasive writing. Students will acquire the skills of fact gathering and note-taking through interviews with primary sources and research of secondary sources. This elective course is a prerequisite for Advanced Journalism.

- Prerequisites: None; grades 9-12
- Homework Expectation: Minimal—most work happens in class
- District SLOs Addressed in this Course: 1, 2, 3, 5, 6, 7
- This course does not meet UC Area "b" English requirements

ADVANCED JOURNALISM (1453)  

Through such activities as reading and analyzing professional models, interviewing, research and writing, revising and editing, students will demonstrate the mastery of journalistic writing and ethics needed for publication of their work in the school and professional press. Students will acquire the technical skills needed for desktop publishing. Students are expected to attend production at least two days a month after school to help produce the newspaper. The course may be repeated for district graduation credit, but currently has not received approval to substitute UC English elective credit. With approval of the instructor, this course may also satisfy the Career/Vocational Education requirement.

- Prerequisites: Successful completion of Beginning Journalism or instructor approval; grades 10-12
- Homework Expectation: Minimal, except during production times when students are expected to attend after-school production two times a month
- District SLOs Addressed in this Course: 1, 2, 3, 5, 6, 7
- This course does not meet UC Area "b" English requirements
- With instructor approval, this course also satisfies the Career Technical Education requirement
BASIC COLLEGE SKILLS BLC (1512)  
(Blended Learning Course)  

(UC Approved “b”)  
Semester  

This Blended Learning Course meets 1-2/week. Instructor will also always be available for tutorial purposes during the class period, even if the blended class is not scheduled to meet. Blended Learning Courses feature instruction delivered in a non-traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers.  

This course focuses on basic preparation for college and beyond. In addition to grammar, vocabulary, writing, and SAT/ACT preparation, this course also works on the college essay, college search, scholarship search, and resume building for jobs and internships. Instruction centers on the requisite skills: critical thinking (reading comprehension), vocabulary development, sentence completion techniques, effective timed essay writing, and thorough teaching of grammar in order to prepare students for success in college, from the application process through degree attainment.  

- Prerequisites: Successful completion of 9th and 10th grade UC Approved “b” courses; grades 11 and 12  
- Homework Expectation: 1-1.5 hours a week  
- District SLOs Addressed in this Course: 1, 2, 5, 6, 7  
- Open to both 11th and 12th graders in the fall, but only to 11th graders in the spring  
- This is a college prep course  

THE WORKS OF SHAKESPEARE (1364)  

(UC Approved “b”)  
Semester  

Afraid of being called at “beetle-headed, flap-ear’d knave”? Learn the language to fight back. This course introduces the students to the range of Shakespeare’s plays, including comedies, tragedies and histories, and to his sonnets. The course will also introduce students to Shakespeare’s language and times. Students need not be experts in Shakespearean plays to enroll in the course. Experts and novices alike are welcome.  

- Prerequisites: Successful completion of 9th and 10th grade UC Approved “b” courses; grades 11 and 12  
- Homework Expectation: 3 hours a week  
- District SLOs Addressed in this Course: 1, 2, 5, 6  
- This is a college prep course  

ESCAPE LITERATURE (1384)  

(UC Approved “b”)  
Semester  

This course explores three of the most popular forms of modern fiction—mystery, science fiction and horror. From the clever antics of Sherlock Holmes to the dark crevices of Dr. Frankenstein’s lab, students will get a taste for both the groundbreaking works of each form, as well as offerings from modern day writers. We will do both expository and creative writing and a variety of individual and group projects related to the stories and books we read.  

- Prerequisites: Successful completion of 9th and 10th grade UC Approved “b” courses; grades 11 and 12  
- Homework Expectation: 2-2.5 hours a week  
- District SLOs Addressed in this Course: 1, 2, 5, 6  
- This is a college prep course  

CLASSIC MYTHOLOGY (1469)  

(UC Approved “b”)  
Semester  

The antics and adventures of the ancient Greek gods and goddesses, heroes and monsters come alive in this multidisciplinary elective for juniors and seniors. Through the study of drama, art, athletics, poetry and architecture of ancient times, students will learn the iconography, the stories, the philosophy and the history which influences our modern world. Students will read modern interpretations of the myths, perform the ancient tragedies and comedies, create written and artistic interpretations of their own and learn the history of Greek religious belief from the goddess-worshipping Minoans to the patriarchy of classical Greece.  

- Prerequisites: Successful completion of 9th and 10th grade UC Approved “b” courses; grades 11 and 12  
- Homework Expectation: 2-2.5 hours a week  
- District SLOs Addressed in this Course: 1, 2, 5, 6  
- This is a college prep course
**DRAMATIC LITERATURE (SHAKESPEARE) IN PERFORMANCE (1290) (UC Approved “b”) Semester**

This interdisciplinary course for juniors and seniors offers students five units of English and five units of Drama credit. Students will enrich their study of a variety of plays as literary texts with hands-on experiences involving every facet of creating the "living" play. Students need not have extensive acting experience. Offered in alternate years.

- **Prerequisites:** Successful completion of 9th and 10th grade UC Approved "b" courses; grades 11 and 12
- **Homework Expectation:** 3 hours a week
- **District SLOs Addressed in this Course:** 1, 2, 4, 5, 6
- **Any student wishing to enroll in this class must also be enrolled concurrently in Theatre 3 or 4**
- **This is a college prep course**

**ANALYSIS OF THE WRITER’S CRAFT (7601) (UC Approved “b”) Semester**

In this creative writing course, students will have the opportunity to write memoir, short fiction, and poetry, as well as to experiment with innovative forms. We will focus on developing a strong, authentic voice, developing scenes, and understanding effective structure. Students will write daily and will regularly share their work with other students. The course is recommended only for those who understand that the best writing comes from both creativity and discipline.

- **Prerequisites:** Successful completion of 9th and 10th grade UC Approved "b" courses; grades 11 and 12
- **Homework Expectation:** Approximately 40 minutes per week, but can be longer when students are working on stories
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is a college prep course**
- **Students wishing to continue their studies in English may concurrently enroll in this course for Elective credit**

**FILM AS COMPOSITION IN LITERATURE (1332) (UC Approved “b”) Semester**

This course relates composition in the motion picture to student reading and writing. It introduces the art and technique of film through a history of the film and a study of its genre and directors. Activities help the student explore film as art and as composition.

- **Prerequisites:** Successful completion of 9th and 10th grade UC Approved "b" courses; grades 11 and 12
- **Homework Expectation:** 1 hour a week, but can be more depending on major writing assignments
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is a college prep course**

**PHILOSOPHY THROUGH LITERATURE (1179) (UC Approved “b”) Semester**

What is the purpose of our lives? Can we know what's right and wrong? What is real? How should we live our lives? In this introductory course we will read literature written by Asian prophets, ancient Greeks, renaissance philosophers, modern novelists and scientists (among others) in their attempt to answer these questions. Students will be encouraged to discuss, debate and write about their own beliefs as they explore the enduring enigmas of our human existence.

- **Prerequisites:** Successful completion of 9th and 10th grade UC Approved "b" courses; grades 11 and 12
- **Homework Expectation:** 1-3 hours a week, depending on major writing assignments
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is a college prep course**
PHILOSOPHY THROUGH LITERATURE BLC (1514)  (UC Approved “b”)  Semester

This is a Blended Learning Course, which will meet 1-2/week.  Blended Learning Courses feature instruction delivered in a non traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers.

What is the purpose of our lives?  Can we know what’s right and wrong?  What is real?  How should we live our lives?  In this introductory course we will read literature written by Asian prophets, ancient Greeks, renaissance philosophers, modern novelists and scientists (among others) in their attempt to answer these questions.  Students will be encouraged to discuss, debate and write about their own beliefs as they explore the enduring enigmas of our human existence.

- Prerequisites: Successful completion of 9th and 10th grade UC Approved “b” courses; grades 11 and 12
- Homework Expectation: The blended learning course has 3-5 hours a week, which also includes the 2 hours of independent work time
- District SLOs Addressed in this Course: 1, 2, 5, 6
- This is a college prep course

AP ENGLISH LITERATURE & COMPOSITION (1279)  (UC Approved “b”)  Year

This advanced study course is open to seniors who have successfully completed three years of English credit (UC “b” category).  The focus is on college-level work in reading and writing, culminating in preparation for the Advanced Placement Examination in English Literature and Composition.  Accepting enrollment in this course indicates a student’s commitment to taking the AP Examination in Literature and Composition in the spring.

- Prerequisites: Successful completion of three years of UC Approved “b” courses; grade 12
- Homework Expectation: 3-4 hours a week
- District SLOs Addressed in this Course: 1, 2, 5, 6
- This is an Advanced Placement course

READING BETWEEN THE LINES BLC (1521)  (UC Approved “b”)  Semester

This is a Blended Learning Course which will meet 1-2/week during the school year.  Blended Learning Courses feature instruction delivered in a non traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with Flex Period check-in times with teachers.

Reading Between the Lines Blended will meet 1-2 times per week during the semester.  This course is designed for the college-bound student who wants to strengthen reading, writing and critical thinking skills in preparation for university-level demands.  Since the course was designed to mesh with The Expository Reading and Writing Course, the majority of our reading will be non-fiction texts drawn from a variety of disciplines.  We also explore contemporary plays about global issues, make space for free reading assignments, and include a creative writing unit in which students convey their learning across the disciplines through narrative.  We do most of our reading outside of class, with a focus on developing strategies to help students understand even the most difficult content and text structures.  During class meetings we have lively discussions, play-reading time, and instruction in argumentative writing.  By the end of the course, students will read more widely, more skillfully, and with more enjoyment than before.

- Prerequisites: Successful completion of two years of UC Approved “b” courses; grades 11 and 12
- Homework Expectation: 4-5 hours a week, with 3 hours for the outside of class reading time
- District SLOs Addressed in this Course: 1, 2, 5, 6
- This is a college prep course
Mathematics is offered in three college preparatory sequences. Students who are new to PAUSD are recommended for a math course based on the results of a placement test.

Generally, students take a four-year sequence that leads to readiness for the first calculus course in college. For those beginning algebra in the 9th grade, the courses taken are Algebra 1/1A, Geometry, Algebra 2 and Pre-Calculus.

The advanced sequence prepares students for Advanced Placement AB Calculus or its equivalent in college. The course sequence includes Algebra 1A, Geometry A, Algebra2/TrigA, Intro to Analysis and Calculus, and Advanced Placement AB Calculus.

The most rigorous course of study is a four-year honors sequence that culminates with the Advanced Placement BC Calculus. The course sequence includes Geometry H, Algebra2/TrigH, Analysis Honors, and Advanced Placement BC Calculus.

Elective courses are offered in Computer Science, BEAM (Business, Entrepreneurship, and Mathematics), and Advanced Placement Statistics.

<table>
<thead>
<tr>
<th>TYPICAL COURSE PROGRESSION IN MATHEMATICS</th>
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<tbody>
<tr>
<td><strong>Introductory Algebra</strong> is a pre-requisite for all subsequent high school math courses. Students may satisfy this requirement by one of the following courses in either middle school or high school:</td>
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<tr>
<td>Algebra 1</td>
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<tr>
<td>After completing introductory algebra, students should select a math course based on interest, mathematical ability and the average homework load for each course sequence. All mathematics classes are yearlong courses that satisfy the UC-CSU letter “c” requirements.</td>
</tr>
<tr>
<td>Students may choose to take a course from a different sequence each academic year based on changes in interest and/or performance in the pre-requisite course. In some instances, choosing a math course in a different course sequence will require summer work. See the course catalog for details.</td>
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<thead>
<tr>
<th><strong>College Preparatory Mathematics</strong></th>
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<tbody>
<tr>
<td>This math sequence is suitable for students who are interested in Liberal Arts or other non-math related fields. It provides students of all ability levels with the necessary skills to be successful in college or other post-secondary work. Students can expect 1-2 hours of homework on average each week.</td>
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<td>Geometry</td>
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<thead>
<tr>
<th><strong>Advanced College Preparatory Mathematics</strong></th>
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<tbody>
<tr>
<td>This math sequence is suitable for students who are interested in Science, Engineering or other math related fields. It is designed for students with strong computational skills who desire a deeper understanding of mathematical concepts. Students can expect to 1.5–3 hours of homework on</td>
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<tr>
<td>Geometry A</td>
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<thead>
<tr>
<th><strong>Honors College Preparatory Mathematics</strong></th>
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<tbody>
<tr>
<td>This math sequence is suitable for students who have a strong interest in mathematics and STEM fields. It is designed for students with exceptional mathematical ability who are interested in proof and non-routine problem solving. All students participate in the AMC mathematics competition in February. Students can expect 2-4 hours of homework on average each week.</td>
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<tr>
<td>Geometry H</td>
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<tr>
<th><strong>Mathematics Electives</strong></th>
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<tbody>
<tr>
<td>*AP Statistics may be taken as an elective by a junior or senior who completes Alg2 in any sequence. BEAM (Business, Entrepreneurship and Mathematics) – not UC approved.</td>
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</tbody>
</table>
## ALGEBRA 1/1A (2348) (Pending Board Approval) (UC Approved “c”) Year

Students study the applications of linear and quadratic functions. More specifically, students learn properties of real numbers, solving linear equations and inequalities, graphing linear equations, equations and inequalities with absolute value, solving systems of linear equations and inequalities, simplifying exponential expressions, graphing and solving quadratic equations including factoring and the quadratic formula. Students will summarize, represent and interpret data for single count variables, frequency tables and data on two quantitative variables. Students learn how to simplify irrational expressions, solve equations with square roots.

- **Prerequisites:** Completion of 8th grade math; open to grades 9 and 10
- **Homework Expectation:** 1.5 hours a week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This class is a college prep course**

## GEOMETRY (2357) (UC Approved “c”) Year/Summer

Students study Euclidean Geometry including points, lines, angles, triangles, circles, polygons, solids, constructions, transformations and introductory right triangle trigonometry. The course includes deductive reasoning and two-column proofs. It emphasizes mastery of key geometry concepts with an emphasis on transformational geometry and incorporates algebra review as appropriate. Students study the rules of probability including conditional probability, probability of compound events, and using probability to make decisions.

- **Prerequisites:** Successful completion of Algebra; open to grades 10 and 11
- **Homework Expectation:** 1.5 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is a college prep course**

## GEOMETRY A (2358) (UC Approved “c”) Year

In addition to the objectives of the Geometry curriculum, analytic geometry and transformations are studied in greater depth. Students also begin an extensive inferential logic unit. Students are expected to work more independently, have strong algebra skills and solve more challenging problems.

- **Prerequisites:** Successful completion of Algebra; open to grades 9 and 10
- **Homework Expectation:** 2.0 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is an advanced course**

## GEOMETRY H (2408) (UC Approved “c”) Year

In addition to the objectives of the Geometry A curriculum, students study an extensive inferential logic unit including truth validity and tautologies, complete conditional, direct and indirect proofs. Students are expected to be highly motivated to learn about mathematics and have exceptional algebra skills.

- **Prerequisites:** Successful completion of an Algebra course; open to grade 9
- **Homework Expectation:** 2.5 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is an honors course**

## ALGEBRA 2 (2380) (UC Approved “c”) Year

Students study families of functions including: linear, quadratic, polynomial, exponential, logarithmic, rational, and radical functions. Students extend the domain of trigonometric functions using the unit circle and model periodic phenomena with trigonometric functions. Other topics include: complex numbers, interpreting categorical/quantitative data and using regression to interpret data. A graphing calculator is encouraged but not required for this course.

- **Prerequisites:** Successful completion of an Algebra course and a Geometry course; open to grades 10, 11 and 12
- **Homework Expectation:** 2.0 hours or less per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is a college prep course**
ALGEBRA 2 / TRIGONOMETRY A (2365)  
(UC Approved “c”)  

In addition to the objectives of the Algebra 2 curriculum, students study circular trigonometry in greater depth including trig identities, law of sines and cosines, trigonometric applications, and solving trigonometric equations. Arithmetic and Geometric sequences and series are introduced in both recursive and explicit notation. A graphing calculator is required for this course.

- **Prerequisites:** Successful completion of an Algebra course and a Geometry course; open to grades 10 and 11
- **Homework Expectation:** 2.5 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7
- **This is an advanced course**

ALGEBRA 2 / TRIGONOMETRY H (2416)  
(UC Approved “c”)  

This course covers content similar to Alg2/TrigA but with a greater emphasis on proof and problem solving. In each unit, students are expected to apply their understanding of the content to solve problems that are similar but not identical to problems solved in class. Additional content includes an in depth study of conic sections including polar and rectangular forms.

- **Prerequisite:** Successful completion of an introductory Algebra course and a Geometry course; open to grades 9 and 10
- **Homework Expectation:** 3 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7
- **This is an honors course**

PRE-CALCULUS (2371)  
(UC Approved “c”)  

Students review exponential, logarithmic and rational functions and study trigonometry including trigonometric identities, law of sines and cosines, trigonometric applications and solving trigonometric equations. Additional topics include vectors, parametric and polar functions, matrices, sequence and series and an introduction to limits and calculus.

- **Prerequisites:** Successful completion of Algebra 2; open to grades 11 and 12
- **Homework Expectation:** 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is a college prep course**

INTRODUCTORY ANALYSIS & CALCULUS (2385)  
(UC Approved “c”)  

Students will build on their knowledge of functions and explore new topics including: vectors, polar functions, logistic functions, parametric functions, probability, combinatorics, matrices, sequences, series, and statistics. The fourth quarter of the year will focus on limits and an introduction of calculus including the derivative. A graphing calculator is required.

- **Prerequisites:** Successful completion of Algebra 2 and a complete Trigonometry course; open to grades 11 and 12
- **Homework Expectation:** 2.5 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is a college prep course**

ANALYSIS H (2399)  
(UC Approved “c”)  

In addition to the objectives of IAC course, students study Group Theory, Algebraic Problem Solving, 3-dimensional graphing, and more applications of Matrices, such as transformations and Markov Chains. The course concludes with the beginning of calculus including limits, difference quotients, derivatives and an introduction to the indefinite integral. A graphing calculator is required.

- **Prerequisites:** Successful completion of Algebra 2 and a complete Trigonometry course; open to grades 10 and 11
- **Homework Expectation:** 3 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6
- **This is an honors course**
AP AB Calculus (2449)  (UC Approved “c”)  Year

Students study the equivalent of the first semester of a yearlong college calculus course. Students develop their understanding of limit, derivative, definite integral, and the indefinite integral. Students represent their work algebraically, graphically, numerically and verbally. A graphing calculator is required for this course. Students may choose to take the Advanced Placement Exam in Calculus AB.

- **Prerequisites:** Successful completion of Pre-Calculus, Introductory Analysis and Calculus, or Analysis Honors; open to grade 12
- **Homework Expectation:** 3 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7
- **This is an advanced placement course**

AP BC Calculus (2459)  (UC Approved “c”)  Year

Students complete the study of a yearlong college calculus course that was started in Analysis H. The course content includes: functions and limits, derivatives of algebraic functions, the definite and indefinite integral, area, volumes of revolution, differentiation of exponential, logarithmic, trigonometric and inverse trigonometric functions, methods of integration, infinite series, simple differential equations, vectors and applications. A graphing calculator is required for this course. Students may choose to take the Advanced Placement Exam in Calculus BC.

- **Prerequisites:** Successful completion of Analysis Honors; open to grades 11 and 12
- **Homework Expectation:** 3 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7
- **This is an advanced placement course**

Math Elective Courses

AP Statistics (2319)  (UC Approved “c”)  Year

The objective of this course is to provide the students with the equivalent of an introductory college-level statistics course. Course content involves examination of exploratory data analysis, experimental and survey design, the study of random variables (including some probability theory), and inferential statistics for one and two variables. Graphing calculators and computers will be used extensively as an aide to statistical analysis. During second semester, students will also be expected to read excerpts from “The Signal and the Noise” by Nate Silver; students will write a short summary about the connections between the book and the course. Students may choose to take the Advanced Placement Exam in Statistics. There is a group project during each quarter and students should expect to complete some project work outside of class.

- **Prerequisites:** Successful completion of Algebra 2; open to grades 11 and 12
- **Homework Expectation:** 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7
- **This is an advanced placement course**

BEAM: Business, Entrepreneurship, & Math (2433)  (NOT UC Approved)  Year

**Pending Board Approval**

Gunn Business, Entrepreneurship, and Math course (Gunn BEAM) teaches students how mathematics applies in the real world through business applications and project-based learning. During first semester, students will study business and entrepreneurship, finance, and quantitative marketing modules developed in collaboration with Ernst and Young and Pricewaterhouse Coopers. During second semester, students connect with the innovation community of Palo Alto and gain hands-on experience through their volunteer work for local small businesses and nonprofit organizations. Students give back to the community by creating a public-private partnership between Henry M. Gunn High School and local businesses. Students also receive mentorship and start-up networking support from private sector firms. The course is run as an organization, where students have executive and non-executive roles.

- **Prerequisite:** Successful completion of an introductory Algebra course; open to grades 10-12
- **Homework Expectation:** 1.5 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7
- **This is a college prep course**
**ALGEBRA 1 & 2 SUPPORT (2444) (NOT UC Approved) Semester**

This course provides additional instruction and extra support for students who are not mastering essential learning objectives in either Algebra 1 or Algebra 2. In addition to mini-lessons that support the instruction in the regular Algebra classroom, students are given time to work on homework assignments. The class size is limited to ensure individual support for each student.

- **Prerequisites:** None; open to grades 9-12
- **Homework Expectation:** None
- **District SLOs Addressed in this Course:** 1, 6
- **Students must be concurrently enrolled in their Algebra or Algebra 2 course**

**ADVANCED PROBLEM SOLVING I (2401) (NOT UC Approved) Semester**

The objective of this course is to foster excellence through competition. The course is offered in two discrete semesters, one not the prerequisite of the other, to 9th and 10th graders interested in expanding their mathematical horizon beyond the usual high school curriculum. Mathematical discovery and alternate methods of proof, shortcuts and multiple solutions to challenging problems and cross-curricular applications are explored. This course is ideal for students interested in participating in contests like the American Mathematics Competition and the Mathematics Olympiad. A minimum of 25 students combined in both AdvProbSol I, II and AdvProbSol III, IV is needed for the class to be offered.

- **Prerequisites:** Concurrent enrollment in a 9th or 10th grade Advanced or Honors level math course; open to grades 9 and 10
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 6
- **This is a college prep class**

**ADVANCED PROBLEM SOLVING II (2402) (NOT UC Approved) Semester**

The objective of this course is to foster excellence through competition. The course is offered in two discrete semesters, one not the prerequisite of the other, to 9th and 10th graders interested in expanding their mathematical horizon beyond the usual high school curriculum. Mathematical discovery and alternate methods of proof, shortcuts and multiple solutions to challenging problems and cross-curricular applications are explored. This course is ideal for students interested in participating in contests like the American Mathematics Competition and the Mathematics Olympiad. A minimum of 25 students combined in both AdvProbSol I, II and AdvProbSol III, IV is needed for the class to be offered.

- **Prerequisites:** Concurrent enrollment in a 9th or 10th grade Advanced or Honors level math course; open to grades 9 and 10
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 6

**ADVANCED PROBLEM SOLVING III (2403) (NOT UC Approved) Semester**

The objective of this course is to foster excellence through competition. The course is offered in two discrete semesters, one not the prerequisite of the other, to 11th and 12th graders interested in expanding their mathematical horizon beyond the usual high school curriculum. Mathematical discovery and alternate methods of proof, shortcuts and multiple solutions to challenging problems and cross-curricular applications are explored. This course is ideal for students interested in participating in contests like the American Mathematics Competition and the Mathematics Olympiad. A minimum of 25 students combined in both AdvProb I, II and AdvProb III, IV is needed for the class to be offered.

- **Prerequisites:** Concurrent enrollment in a 11th or 12th grade Advanced or Honors level math course; open to grades 11 and 12
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 6
### ADVANCED PROBLEM SOLVING IV (2404)  
**Semester**

The objective of this course is to foster excellence through competition. The course is offered in two discrete semesters, one not the prerequisite of the other, to 11th and 12th graders interested in expanding their mathematical horizon beyond the usual high school curriculum. Mathematical discovery and alternate methods of proof, shortcuts and multiple solutions to challenging problems and cross-curricular applications are explored. This course is ideal for students interested in participating in contests like the American Mathematics Competition and the Mathematics Olympiad. A minimum of 25 students combined in both AdvProb I, II and AdvProb III, IV is needed for the class to be offered.

- **Prerequisites:** Concurrent enrollment in a 11th or 12th grade Advanced or Honors level math course; open to grades 11 and 12
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 6

### COMPUTER SCIENCE

#### INTRODUCTION TO COMPUTER SCIENCE PRINCIPLES (8631)  
**Semester**

This course teaches key ideas in computer science using the Snap! programming language developed at UC Berkeley. The course is designed for students who want to understand programming concepts without taking a traditional programming class. Students will learn topics covered in more advanced classes using a programming environment that makes 2D animation and computational media easy. Programming concepts covered include: iteration, recursion, conditionals, variables, procedures and functions, list processing, and algorithms.

- **Prerequisites:** None; open to grades 9-12
- **Homework Expectation:** 1 hour per week
- **Also qualifies for Career Tech Ed credits.**
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7
- **This is a college prep course**

#### FUNCTIONAL & OBJECT-ORIENTED PROGRAMMING (8634)  
**Year**

This project-based course introduces the student to the functional and object-oriented programming paradigms. It includes concepts such as functions, conditionals, data abstraction, recursion, lambda, higher-order functions, lists, loops, arrays, interfaces, inheritance, and polymorphism. Some projects throughout the year will consist of creating small games, simulating real-world processes, taking apart a computer, and producing graphically interesting programs (such as Conway’s Game of Life) in which almost all of these big ideas are needed.

- **Prerequisites:** Concurrent enrollment or completion of Geometry H, Alg 2/TrigA, Alg2/TrigH, or Algebra 2
- **Homework Expectation:** 1-1.5 hours per week
- **Also qualifies for Career Tech Ed credits.**
- **District SLOs Addressed in this Course:** 1, 2, 5, 6, 7
- **This is a college prep course**

#### AP COMPUTER SCIENCE (2491)  
**Blended Learning Course**

The course is designed to prepare students for the Advanced Placement Exam. The course includes top down design, iteration, procedures, functions, user-defined types, classes, arrays, files, sets, linked data structures, stacks, queues, pointers binary trees, searching and sorting algorithms. The students should be able to analyze code, in terms of functionality, efficiency, readability, reusability, modularity, and meaning.

Blended Learning Courses feature instruction delivered in a non traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers. Homework expectation does not include independent work time given during the blended release time.
• Prerequisites: Successful completion of both Functional Programming and Object-Oriented Programming or consent of the instructor with Summer Homework (http://paleyontology.com/AP_CS/entrance.html); open to grades 10-12
• Homework Expectation: 4 hours per week
• Also qualifies for Career Tech Ed credits
• For information about Blended Learning courses, see page 64
• District SLOs Addressed in this Course: 1, 2, 5, 6, 7
• This is an advanced placement course

PROGRAMMING FOR MOBILE DEVICES (2492)  (NOT UC Approved)  Semester

The Blended Course, Programming for Mobile Devices, introduces students to mobile application development. This semester long course will cover many topics not found in other computer science courses, such as: managing lifecycles, databases (including SQLite), background threading, and best practices for memory-efficient coding. This hands-on course will culminate in a final project in which students create and produce a unique application to be published on the Google Play marketplace.

Blended Learning Courses feature instruction delivered in a non-traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers. Homework expectation does not include independent work time given during the blended release time.

• Prerequisites: 10th-12th grade students who successfully complete Object Oriented programming or are concurrently enrolled in AP Computer Science
• Homework Expectation: 1-1.5 hours per week
• Only qualifies for Career Tech Ed credits
• For information about Blended Learning courses, see page 64
• District SLOs Addressed in this Course: 1, 2, 5, 6, 7
DISTRICT REQUIREMENTS

A. California State Physical Fitness Test (required for 9th graders)

B. Students must pass 5 out of 6 of the Physical Fitness Tests by the end of their freshmen year or they are required to enroll in PE as a sophomore. Sophomores, juniors and seniors who have not passed 5 of 6 Fitness Tests must enroll in PE and retake the 6 (six) tests at the beginning and end of the fall semester, and at the end of the spring semester, every year until they have passed 5 of the 6 tests.

C. 2 years of PE are required as a graduation requirement.

NOTE: A Sports Waiver is NOT given for marching band, drill team, rally, color guard, winter guard, or similar activities. A waiver may be granted for varsity, junior varsity and frosh-soph teams at Gunn, including, Cheerleading.

COURSE OFFERINGS (9th & 10th Grades)

<table>
<thead>
<tr>
<th>Team Sports</th>
<th>Dual / Individual Sports</th>
<th>Aquatics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soccer</td>
<td>Personal Fitness</td>
<td>Swimming</td>
</tr>
<tr>
<td>Football (flag)</td>
<td>Badminton</td>
<td>&quot;Innertube&quot; Water Polo</td>
</tr>
<tr>
<td>Basketball</td>
<td>Golf</td>
<td>Water Safety</td>
</tr>
<tr>
<td>Softball</td>
<td>Tennis</td>
<td></td>
</tr>
<tr>
<td>Volleyball</td>
<td>Self-Defense</td>
<td></td>
</tr>
<tr>
<td>Indoor Hockey</td>
<td>Track &amp; Field</td>
<td></td>
</tr>
<tr>
<td>Sand Volleyball</td>
<td>Orienteering</td>
<td></td>
</tr>
<tr>
<td>Team Handball</td>
<td>Gymnastics/Tumbling</td>
<td></td>
</tr>
<tr>
<td>Ultimate Frisbee</td>
<td>Over-the-Line</td>
<td></td>
</tr>
<tr>
<td>Lacrosse</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Street Hockey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Hockey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grass Volleyball</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9TH GRADE PHYSICAL EDUCATION (2695) (NOT UC Approved “b”) Year

All freshmen are required to take and complete the first year of physical education. This course is designed specifically for 9th grade students with a focus on dual and individual sports, aquatics and dance. The activities are designed around the State Physical Education Framework and Statewide Standards for PE (HS Course 1).

- **Prerequisites:** None
- **Homework Expectation:** Up to 1 hour per week
- **District SLOs Addressed in this Course:** 1, 2, 5
### 10TH GRADE PHYSICAL EDUCATION (2696)  
(Not UC Approved)  

All students who do not pass 5/6 fitness tests as freshmen are required to enroll in physical education as sophomores. This course is designed specifically for 10th - 12th grade students with a focus on combative, gymnastic/tumbling, and team activities. The activities are designed around the State Physical Education Framework and statewide standards for PE (HS Course 2).

- **Prerequisites:** None  
- **Homework Expectation:** Up to 1 hour per week  
- **District SLOs Addressed in this Course:** 1, 2, 5

### PHYSICAL EDUCATION 11 & 12 (2711 & 2712)  
(Not UC Approved)  

PE 11 (semester 1) and 12 (semester 2) are semester long classes for juniors and seniors who need additional credits or elect to finish their second year of required Physical Education as junior or senior. Note: This class is also available for juniors and seniors who did not pass 5/6 fitness tests as 9th and 10th graders and need to work on their fitness level for upcoming testing.

- **Prerequisites:** None  
- **Homework Expectation:** Up to 1 hour per week  
- **District SLOs Addressed in this Course:** 1, 2, 5

### CO-ED ADAPTED PHYSICAL EDUCATION (2750)  
(Not UC Approved)  

An adaptive physical education class is available for students for whom an assessment has been made by a multidisciplinary Individual Education Planning (IEP) team. This assessment takes into consideration all other physical education options, health history, current medical status, and APE assessment for the students.

- **Prerequisites:** None  
- **Homework Expectation:** Up to 1 hour per week  
- **District SLOs Addressed in this Course:** 1, 2, 5

### TEACHING ASSISTANT (2956)  
(Not UC Approved)  

An adaptive physical education class is available for students for whom an assessment has been made by a multidisciplinary Individual Education Planning (IEP) team. This assessment takes into consideration all other physical education options, health history, current medical status, and APE assessment for the students.

- **Prerequisites:** None  
- **Homework Expectation:** None  
- **District SLOs Addressed in this Course:** 1, 2, 7

### INDEPENDENT STUDY PHYSICAL EDUCATION (2752)  
(Not UC Approved)  

The purpose of Independent Study Physical Education is to provide options for students to engage in alternative pathways for which they can receive physical education credit towards graduation. *Freshmen are not eligible* — this is to ensure that all students are exposed to a well-rounded Physical Education curriculum and participate in a series of state-mandated physical performance tests later in ninth grade. This program allows up to one of those years to be taken as Independent Study for students participating in sports not offered at PAUSD high schools. Permission is granted one semester at a time.

**Eligibility requirements are:** (1) The student must have completed and passed 9th grade PE and be a sophomore, (2) the student must have met 5 of 6 fitness standards during 9th grade PE as determined by California Fitness test, (3) the sport/activity is not offered at Gunn, (4) the activity will occur under the supervision of a Supervising Instructor/Coach who has the appropriate training and expertise to provide the level of instruction required for the activity, (5) the student has a minimum of three years prior experience in the activity. Qualifying experience is year-round instruction/training on a 5-6 days per week average, (6) The activity involves skill improvement sessions 5-6 days per week, Students practices/trains a minimum of 15 hours per week under appropriate supervision of a
qualified Instructor/Coach, (7) It can be clearly demonstrated that the Physical Education Standards for the grade level can be met through the activity. The areas of study for the Physical Education curriculum include:

- Effects of physical activity upon dynamic health
- Mechanics of body movement
- Individual and dual sports
- Team sports

Specifically, we expect that students learn the content in HS Course 2 of the High School State Standards in Physical Education. Those standards can be found on the California Department of Education’s Web site: http://www.cde.ca.gov/be/st/ss/documents/pestandards.pdf

The application Packet with pages 1-3, 6 and 7 must be returned along with evidence to the Physical Education Instructional Supervisor, before the second Friday of each semester to be eligible.

Further information and the instructional packet can be found here: http://goo.gl/Eh7rd1

- **Prerequisites:** 9th Grade Physical Education
- **Homework Expectation:** None
- **District SLOs addressed in this course:** 1, 6

## ATHLETICS PROGRAM

After-school sports are open to everyone.

### Prerequisites:

1. Filled out Athletics Registration: https://docs.google.com/a/pausd.org/spreadsheet/viewform?formkey=dHk0TXFkbUNQX0FDWHBGSWU3MHJUVGc6MA#gid=0
2. Completed doctor’s physical examination. “Pre-participation Physical Evaluation” form (under Gunn Athletics)

To be eligible, students must have passed 20 units of credit and maintain a minimum grade point average (GPA) of 2.0 in the last grading period. All students, except first semester freshmen enrolled in a PE class, must also be currently passing 20 units of credit. Students enrolled in a PE class may be excused from attending PE while playing for a Gunn Athletic team. To receive a “prep,” students must submit a request form (online from the Gunn PE Web site). The form must be signed by their parents/guardian along with their coach. The student-athlete will receive a grade and credit based on a self-evaluation including a coach’s grade, and must return to PE following the last athletic practice or competition.

### Interscholastic Sports

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Boys Sports</td>
<td>Girls Sports</td>
<td></td>
</tr>
<tr>
<td><strong>FALL:</strong></td>
<td><strong>FALL:</strong></td>
<td></td>
</tr>
<tr>
<td>Cross Country</td>
<td>Cross Country</td>
<td></td>
</tr>
<tr>
<td>Football</td>
<td>* Golf</td>
<td></td>
</tr>
<tr>
<td>Water Polo</td>
<td>Water Polo</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* Tennis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* Volleyball</td>
<td></td>
</tr>
<tr>
<td><strong>WINTER:</strong></td>
<td><strong>WINTER:</strong></td>
<td></td>
</tr>
<tr>
<td>* Basketball</td>
<td>* Basketball</td>
<td></td>
</tr>
<tr>
<td>* Soccer</td>
<td>* Soccer</td>
<td></td>
</tr>
<tr>
<td>Wrestling</td>
<td>Wrestling</td>
<td></td>
</tr>
</tbody>
</table>

* Cut sports (sports that need to be trimmed to a manageable size)
**SEMESTER 2**

<table>
<thead>
<tr>
<th>Boys Sports</th>
<th>Girls Sports</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPRING:</strong></td>
<td><strong>SPRING:</strong></td>
</tr>
<tr>
<td>* Badminton</td>
<td>* Badminton</td>
</tr>
<tr>
<td>* Baseball</td>
<td>* Softball</td>
</tr>
<tr>
<td>* Golf</td>
<td>Track &amp; Field</td>
</tr>
<tr>
<td>Swimming &amp; Diving</td>
<td>Swimming &amp; Diving</td>
</tr>
<tr>
<td>* Tennis</td>
<td>Lacrosse</td>
</tr>
<tr>
<td>Track &amp; Field</td>
<td></td>
</tr>
<tr>
<td>Lacrosse</td>
<td></td>
</tr>
</tbody>
</table>

* Cut sports (sports that need to be trimmed to a manageable size)

**TIME COMMITMENT FOR SPORTS**

**Fall Sports**
All Fall Sports start in mid-August and run approximately through November 10. Each sport practices six days a week.

<table>
<thead>
<tr>
<th>Girls’ Volleyball</th>
<th>2 hours a day, two matches a week, Saturday practices or tournaments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross-Country</td>
<td>2 hours a day, one meet a week.</td>
</tr>
<tr>
<td>Girls’ Tennis</td>
<td>2 hours a day, two matches a week. One week summer practice.</td>
</tr>
<tr>
<td>Boys’ &amp; Girls’ Water Polo</td>
<td>2-3 hours a day, some morning workouts, one game each week. Tournaments most Saturdays.</td>
</tr>
<tr>
<td>Football</td>
<td>2.5 hours a day, one game a week. Extensive off-season training including summer.</td>
</tr>
</tbody>
</table>

**Winter Sports**
All Winter Sports start in early November and run through late February.

<table>
<thead>
<tr>
<th>Boys’ &amp; Girls’ Basketball</th>
<th>2 hours a day, including Saturday, two games a week.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boys’ &amp; Girls’ Soccer</td>
<td>2 hours a day, two games a week.</td>
</tr>
<tr>
<td>Wrestling</td>
<td>2 hours a day, one match a week and tournaments most Saturdays.</td>
</tr>
</tbody>
</table>

**Spring Sports**
All Spring Sports start in early February and run through late May.

<table>
<thead>
<tr>
<th>Badminton</th>
<th>2 hours a day including some Saturdays. Matches twice a week.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boys’ Golf</td>
<td>2 hours a day at local golf courses. One match a week.</td>
</tr>
<tr>
<td>Boys’ Tennis</td>
<td>2 hours a day. Matches twice a week.</td>
</tr>
<tr>
<td>Boys’ &amp; Girls’ Track &amp; Field</td>
<td>2 hours a day, meets once a week.</td>
</tr>
<tr>
<td>Boys’ &amp; Girls’ Swimming</td>
<td>2 hours a day, meets once a week.</td>
</tr>
<tr>
<td>Boys’ &amp; Girls’ Lacrosse</td>
<td>2 hours a day, games once a week, some Saturday games.</td>
</tr>
<tr>
<td>Baseball</td>
<td>2 hours a day, or at least 2 games a week including Saturdays.</td>
</tr>
<tr>
<td>Softball</td>
<td>2 hours a day and games twice a week.</td>
</tr>
<tr>
<td>Girls’ Gymnastics</td>
<td>Not currently offered</td>
</tr>
</tbody>
</table>
To graduate from high school, students are required to have one year of physical science and one year of life science, both of which fulfill the University of California (UC) laboratory science requirement (known as UC ‘d’). Since the University of California recommends three years of lab science, students are strongly encouraged to take yearlong courses in the core sciences – biology, chemistry, and physics. All Gunn science course offerings fulfill the UC ‘d’ requirement.

Pending PAUSD School Board and UC approval, we will be changing the name of our Physics H course to AP Physics 1. The curriculum of the Physics Honors course at Gunn has already been approved by the College Board as meeting the requirements for the AP Physics 1 exam. The course description remains the same as the Physics Honors course for the 2015-16 school year. The AP Physics 1 curriculum provides flexibility for transitioning toward meeting the Next Generation Science Standards and will also allow students who took Physics or Conceptual Physics the opportunity to take a second year of physics without needing calculus. Please see the course description if you are interested in taking this course.

While we encourage students to take on healthy challenges in their science course selection, strict policies regarding adding or dropping courses once the semester has begun are enforced. (See page 6 for lane change information.) For this reason, students should carefully consider their course choices. To assist with this process, in each course description, the Science Department has listed course prerequisites and homework time commitment expectations.

### Course Offerings

<table>
<thead>
<tr>
<th>9th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 1</td>
</tr>
<tr>
<td>Biology A</td>
</tr>
<tr>
<td>Biology H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astrophysics</td>
</tr>
<tr>
<td>Conceptual Physics</td>
</tr>
<tr>
<td>Physics</td>
</tr>
<tr>
<td>Chemistry H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11th and 12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry H</td>
</tr>
<tr>
<td>Physics</td>
</tr>
<tr>
<td>Astrophysics</td>
</tr>
<tr>
<td>Biotechnology</td>
</tr>
<tr>
<td>Marine Biology</td>
</tr>
<tr>
<td>Nanotechnology</td>
</tr>
<tr>
<td>AP Environmental Science</td>
</tr>
<tr>
<td>AP Biology</td>
</tr>
<tr>
<td>AP Chemistry</td>
</tr>
<tr>
<td>AP Physics 1</td>
</tr>
<tr>
<td>AP Physics C</td>
</tr>
</tbody>
</table>
First-Year Biology Courses
Freshmen at Gunn High School take a biology course. First-year biology courses will vary in depth of coverage of each topic, degree of independent learning, and amount of homework required. The following table shows predictors for success:

<table>
<thead>
<tr>
<th>PREDICTORS FOR SUCCESS IN EACH FIRST-YEAR BIOLOGY COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predictor</td>
</tr>
<tr>
<td>Commitment to hours of required homework per week</td>
</tr>
<tr>
<td>Degree of independent learning and academic responsibility</td>
</tr>
<tr>
<td>Homework structure</td>
</tr>
<tr>
<td>Intended preparation for future courses.</td>
</tr>
</tbody>
</table>

Advanced Biology Courses
Each advanced biology course is an upperclassman course (grades 11-12) that requires students to have successfully completed a biology course and a chemistry or other physical science course. The following table shows both prerequisites and predictors of success.

<table>
<thead>
<tr>
<th>PREREQUISITES &amp; PREDICTORS OF SUCCESS FOR ADVANCED BIOLOGY COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predictor</td>
</tr>
<tr>
<td>Prerequisites</td>
</tr>
<tr>
<td>Commitment to hours of required homework per week</td>
</tr>
<tr>
<td>Degree of independent learning and academic responsibility</td>
</tr>
<tr>
<td>Intended preparation for future courses</td>
</tr>
</tbody>
</table>
Chemistry Courses
Both first-year chemistry courses cover the same fundamental concepts but differ in the degree of analysis, quantitative understanding and independent thinking required of students.

<table>
<thead>
<tr>
<th>PREREQUISITES &amp; PREDICTORS OF SUCCESS FOR CHEMISTRY COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predictor</td>
</tr>
<tr>
<td>-----------</td>
</tr>
</tbody>
</table>
| Prerequisite courses and description of math skills required. | Successful* completion of a biology course  
A strong understanding of introductory algebra  
Concurrent enrollment in or successful completion of a geometry course strongly recommended | Successful* completion of a biology course  
A very strong understanding of introductory algebra, logarithms, and scientific notation  
Concurrent enrollment in or successful completion of a geometry course strongly recommended | Successful completion of Chemistry H or Chemistry.  
A very strong understanding of first year Chemistry. (See course description)  
A very strong knowledge of algebra and a high confidence in problem solving skills.  
Successful completion of a second-year algebra course (Alg 2 or higher). |
| Degree of independent learning and academic responsibility | Limited Guidance Needed | Self- Motivated; high degree of independence | Independent Learner |
| Commitment to hours of required homework per week (Discretionary out of class study time is not included) | 2-3 hours per week  
Assigned HW: 1-2 h  
Lab reports: 1 h | 3-4 hours per week  
Assigned HW: 2 h  
Lab reports: 1-2 h | 3-6 hours per week |

Physics Courses
All physics courses cover mechanics and electromagnetism. With the exception of AP Physics C, physics courses may also include other topics, such as optics, waves, and modern physics. Additional emphasis may be placed on thermodynamics, astronomy, and other physics-related or interdisciplinary topics at the discretion of the instructor. Each course develops basic physics concepts and explores applications to daily life.

<table>
<thead>
<tr>
<th>PREREQUISITES &amp; PREDICTORS OF SUCCESS FOR PHYSICS COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predictor</td>
</tr>
<tr>
<td>-----------</td>
</tr>
</tbody>
</table>
| Math Prerequisites | Concurrent enrollment in an introductory algebra course or above. | A very strong understanding of introductory algebra.  
Concurrent enrollment in Geometry or higher level math. | Concurrent enrollment or successful completion of IAC, Analysis Honors, or Calculus. | Concurrent enrollment or successful completion of a calculus course |
| Science Prerequisites | Successful completion of any Biology course. | Successful completion of any Biology course. | Successful completion of any Biology course.  
Chemistry course recommended.  
Physics course recommended. | Successful completion of any Biology course.  
Chemistry course recommended.  
Physics course recommended. |
### Science Elective Courses

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Conceptual Physics</th>
<th>Physics</th>
<th>AP Physics 1**</th>
<th>AP Physics C**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degree of independent learning and academic responsibility</td>
<td>Limited Guidance Needed</td>
<td>Limited Guidance Needed</td>
<td>Self-Motivated</td>
<td>Independent Learner</td>
</tr>
<tr>
<td>Commitment to hours of required homework per week</td>
<td>1 hour per week</td>
<td>1-2 hours per week</td>
<td>2-4 hours per week</td>
<td>4-7 hours per week</td>
</tr>
</tbody>
</table>

### BIOLOGY

All biology courses at Gunn High School meet the graduation and university lab science requirements for life science.

**BIOLOGY I (3108)**
**BIOLOGY IA (3115)**
**BIOLOGY IA SLC (3215)**
**BIOLOGY H (3131)**

In all three biology courses topics include cell biology, genetics, evolution, biodiversity ecology, life processes, reproduction and contemporary advances and issues in cellular biology and biotechnology. Topics will be developed through laboratory exercises, discussions, lectures, demonstrations, informational research projects, and field trips. Scientific skills and methods will be emphasized.

Biology 1A SLC is the section of Biology 1A that is integrated in the “Small Learning Community” Program. See page 64 for a description of the “Small Learning Community” Program.

Bio H does not earn a weighted grade from the University of California. Please see “Other Honors Course” #3 at: http://www.ucop.edu/agguide/a-g-requirements/honors/index.html for additional information.

- **Prerequisites:** Open to grade 9
- **Homework Expectation:** Ranging from 2 to 5 hours per week depending on level. See “Predictors for Success in Each First-Year Biology Course” chart on page 38.
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7
- **This class is a college prep course**
AP BIOLOGY (3139) (UC Approved “d”) Year

This course is designed to provide a survey of biological knowledge at an introductory college level. Because successful completion of the curriculum will enable students to take the College Board Advanced Placement Examination, the course follows the outline recommended by the College Board, covering the general content areas of: (1) Molecular and Cellular Biology; (2) Genetics and Evolution; and (3) Organisms and Populations.

Heavy emphasis is placed on understanding the connection between experimentation and scientific discovery. Both hands-on laboratory activities and scientific readings are used to show how biological information is gained, interpreted, and applied. Required homework includes extensive reading, activities, regular written lab reports, and occasional group projects.

- **Prerequisites:** Open to grades 11 and 12. Successful completion of a biology course. Successful completion of a first-year chemistry course at Gunn High School. (Exceptions must be approved by both the Science Department Instructional Supervisor and the Guidance Department.)
- **Homework Expectation:** 5-8 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

MARINE BIOLOGY (3168) (UC Approved “d”) Year

This course meets all graduation and university admission criteria for biological science.

Marine Biology is a second-year biology course that builds upon and extends biological concepts developed during the first year. Students will take an in-depth look at the features of the ocean and the variety of plant and animal life that lives within. They will investigate how life in the ocean is interconnected and the impact that humans have on that system. Topics will be developed through laboratory exercises, discussions, lectures, demonstrations, informational research projects, and field trips. Please note, this is a laboratory science class where scientific skills and methods (including data analysis and laboratory write-ups) will be emphasized.

- **Prerequisites:** Successful completion of Biology and a physical science course (Conceptual Physics, Astrophysics, Chemistry, Chemistry H, Physics, Physics H)
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

BIOTECHNOLOGY: Theory & Practices (3955) (UC Approved “d”) Year

This course satisfies University of California entrance “d” requirements for biological science AND satisfies the high school graduation requirement for Career Technical Education (CTE).

This course will introduce students to the theoretical aspects of Biotechnology (Cell Biology, Microbiology, Molecular Biology, Immunology) and societal issues arising from this new technology. Hands on laboratory activities will reinforce theoretical information and teach lab safety, data analysis, the scientific method, and related computer skills. This course will include topical speakers from biotechnology industry and research and field trips to visit nearby biotech industry sites and labs.

- **Prerequisites:** Successful completion of Biology and Chemistry or with department approval
- **Homework Expectation:** No assigned homework. Students are given class time to complete work. Some students may need extra time to complete assignments at home.
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

CHEMISTRY

All chemistry courses meet the physical science graduation requirement, and all university lab science admission criteria.

CHEMISTRY (3624) (UC Approved “d”) Year

This course meets all graduation and university admission criteria for physical science.

Topics covered in first semester generally include atomic structure, nuclear chemistry, chemical nomenclature, periodic properties of elements, bonding, and states of matter. Topics in second semester generally include: gas laws,
solutions chemistry, chemical reactions, thermodynamics and kinetics of reactions, chemical equilibrium and acid-base reaction. *(Note: same topics as Chemistry Honors).*

The course includes many laboratory experiments and demonstrations. Students learn how to work safely in the laboratory, how to perform basic laboratory operations, how to organize and interpret data, and how to draw conclusions from experimental results.

Chemistry is sufficient preparation for students wanting to take AP science courses. Chemistry Honors is not required.

- **Prerequisites:** Successful completion of Biology H, Biology 1A, or Biology 1 or the equivalent. Successful completion of an introductory algebra course, leading to a strong understanding of introductory algebra. Concurrent enrollment in or completion of a geometry course highly recommended. Consent of department required for exceptions.
- **Homework Expectation:** 2-3 hours per week (assigned homework: 1-2 hours; lab reports: 1 hour)
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

### CHEMISTRY HONORS (3625) *(UC Approved “d”) Year*

This course meets all graduation and university admission criteria for physical science.

Chemistry H does not earn a weighted grade from the University of California. Please see “Other Honors Course” #3 at http://www.ucop.edu/agguide/a-g-requirements/honors/index.html for additional information.

Chemistry Honors is not required for students wanting to take AP science courses; Chemistry is sufficient for this purpose.

Chemistry Honors covers all material that is covered in Chemistry, but with more depth and breadth. Topics like quantum mechanics, molecular geometry, thermodynamics, kinetics, dynamic equilibrium and electrochemistry are covered in further detail at a level that prepares students for the SAT-2 Chemistry exam.

Students should take Chemistry Honors if they have a strong interest in the sciences, prefer a high level of rigor in their studies, and are able to accommodate their schedules for a much more significant time commitment than Chemistry would entail.

- **Prerequisites:** Successful completion of a biology course. Successful completion of an introductory algebra course, leading to a very strong understanding of introductory algebra, including logarithms and scientific notation. Concurrent enrollment in a geometry class or completion of geometry highly recommended.
- **Homework Expectation:** 3-4 hours per week (assigned homework: 2 hours; lab reports: 1-2 hours)
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

### AP CHEMISTRY (3609) *(UC Approved “d”) Year*

This course meets all graduation and university admission criteria for physical science and will prepare students to take the AP Chemistry examination

Life is Chemistry! In general chemistry, much of what we learn is foundational, but this will not be your typical lecture based chemistry course. The educational philosophy behind the course lies in hands on learning, and inquiry, which will challenge all types of learners. Therefore students will be spending at least 40% of their time on laboratory work, some of which may need to be completed outside of class. The expectations for this class is to have second year chemistry students who are excited about learning chemistry, love being in lab, and are willing to work through challenges.

**IMPORTANT NOTE:** The AP Chemistry course is taught through lab performance and analysis. Students are required to utilize the knowledge taught in their first-year chemistry course, as that material will not be retaught.

- **Prerequisites:** Successful completion of Chemistry OR Chemistry H and a very strong understanding of first-year chemistry. Successful completion of a second-year algebra course (Alg 2 or higher). Students need a strong knowledge of algebra and a high confidence in problem solving skills.
- **Homework Expectation:** 3 to 6 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7
PHYSICS

NOTE: Pending PAUSD School Board Approval, Gunn High School will be changing the name of the Physics Honors class to "AP Physics 1."

All physics courses meet the physical science graduation requirement, and all university lab science admission criteria.

CONCEPTUAL PHYSICS (3254) (UC Approved “d”) Year

This course meets all graduation and university admission criteria for physical science.

Conceptual Physics is intended to meet the needs of those students who are still developing their basic algebraic skills in a first-year algebra course. It provides a rudimentary introduction to the fundamental principles of physics and how they apply to our daily lives. Topics covered include motion, forces, energy, waves, optics, electricity, and magnetism. Primary emphasis is placed on developing a conceptual understanding of topics, though simple mathematical formulas will be introduced and used to augment their understanding of how nature works. In such cases, use of these formulas will support the development of algebraic skills and provide reinforcement for material covered in introductory algebra courses.

• Prerequisites: Successful completion of a biology course. Successful completion of 1 year of algebra. Consent of department required for exceptions. Concurrent enrollment in or completion of a geometry course highly recommended. Consent of department required for exceptions.
• Homework Expectation: 1 hour per week
• District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7

PHYSICS (3820) (UC Approved “d”) Year

This course meets all graduation and university admission criteria for physical science.

The goal of Physics is to develop a conceptual understanding of the fundamental principles of physics. Students will explore these concepts in the laboratory and will apply them in problem solving situations and to explain physical phenomena in their daily lives. Students should be confident with the knowledge and application of introductory algebra.

• Prerequisites: Successful completion of Biology. A very strong understanding of introductory algebra. Concurrent enrollment in geometry or higher level math.
• Homework Expectation: 1 to 2 hours per week
• District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7

AP PHYSICS I (3824) (Pending Board Approval) Year

This course meets all graduation and university admission criteria for physical science.

The course is designed to foster deeper conceptual understanding of physics topics through inquiry, quantitative data analysis, and problem solving. The course will teach students to relate conceptual and pictorial understanding to mathematical descriptions used in the practice of physics. Students will engage in scientific questioning and evidence-based reasoning to guide their understanding of the content.

This course will also prepare students to take the AP Physics 1 exam.

• Prerequisites: Successful completion of any Biology course. Chemistry course recommended. Successful completion of any Biology course. Chemistry course recommended. Concurrent enrollment or successful completion of IAC, Analysis Honors, or Calculus.
• Homework Expectation: 2 to 4 hours per week
• District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7

AP PHYSICS C (3879) (UC Approved “d”) Year

This course meets all graduation and university admission criteria for physical science.

AP Physics C is an advanced physics course, taught with calculus, equivalent to a course taken by physics majors and engineers at most universities. It concentrates on Mechanics and Electricity and Magnetism, two semesters of the usual college curriculum. Students with particular strengths in math and science, and students with a serious intent...
to major in science or engineering should consider this course. The course prepares students to take the Advanced Placement physics examinations in Mechanics and/or Electricity and Magnetism.

- **Prerequisites:** Concurrent enrollment or completion of a calculus course. Successful completion of any biology course. Chemistry course recommended. Physics course recommended.
- **Homework Expectation:** 4 to 7 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

### OTHER ADVANCED SCIENCE ELECTIVES

#### ASTROPHYSICS (6409) **(UC Approved “d”)**

This course meets all graduation and university admission criteria for physical science.

This course is a hands-on, inquiry based laboratory course that will introduce students to concepts in Astronomy while exploring the fundamental principles that govern the physical universe. The course will emphasize the processes of science including observation and experimentation, gathering and evaluating data, interpreting scientific data, searching for patterns, developing and interpreting models, making conclusions based on evidence, and communication of scientific process, ideas and conclusions. The course will highlight the historical development of scientific thinking, cumulative nature of scientific evidence and the evolution of our current understanding of the physical universe. The topics covered in this course include, the scientific process, celestial motions, history of Astronomy, planetary mechanics, the nature of light, telescopes, survey of the solar system, detail study of our Moon and Mars, our Sun as a star, properties of stars, stellar evolution, galaxies and cosmology.

- **Prerequisites:** Successful completion of a biology course; successful completion of one year of algebra
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

#### AP ENVIRONMENTAL SCIENCE (3279) **(UC Approved “d”)**

AP Environmental Science is structured to provide a survey of earth’s geology and history, its environmental processes, disturbances to these processes, impact of human population on the environment and governmental regulation of local and international environmental issues.

The course follows the outline recommended by the College Board and is designed to enable students to successfully take the College Board Advanced Placement Examination.

Course content, laboratory activities, textbook assignments, activities and projects will all be carried through with the skill and content required to be successful on the AP exam.

- **Prerequisites:** Successful completion of a biology course. Successful completion of a first-year chemistry course at Gunn High School. (Exceptions must be approved by both the Science Department Instructional Supervisor and the Guidance Department.)
- **Homework Expectation:** 3 to 5 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

#### NANOTECHNOLOGY 10 (3835) **(UC Approved “g”)**

Since this is a college-level course, this course will introduce upper-division high school students to the key ideas of nanoscale science with an emphasis on applications of topics from physics, biology, chemistry, mathematics, and environmental science. Key concepts will be explored in an integrated discussion-lab setting as opposed to a strict lecture-based format. These concepts will include exploring the myths and realities of nanotechnology, self-assembly, nanomagnets, scanning probe microscopy, nano-engineered fabrics and memory wires, biomimicry, and nano-medicine. Students will also receive college credit through Foothill College which is UC/CSU transferrable. This course meets the “g” (elective) requirement for UC/CSU.

This course will be offered “H” period.

- **Prerequisites:** Successful completion of Biology and Chemistry or Physics
- **Homework Expectation:** 3 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7
SOCIAL STUDIES

All Social Studies courses address the following SLOs: 1, 2, 3, 4, 5, and 6. Many of them also address #7 to some degree.

**WORLD HISTORY (1625)**

<table>
<thead>
<tr>
<th>Year</th>
<th>UC Approved “a”</th>
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<td>Year</td>
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</table>

World History covers important historical events in the world, from the Age of Enlightenment through birth of the Cold War. The content focuses on major historical eras and impacts such as: The Age of Absolutism, World War One and World War Two. Special attention is given to the social, political and economic developments as a result of all of these major eras.

- **Prerequisites:** None; grade 9
- **Homework Expectation:** Approximately 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6

**WORLD HISTORY SLC (9343)**

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<thead>
<tr>
<th>Year</th>
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<tbody>
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<td>Year</td>
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</table>

World History SLC is the section of World History that is integrated in the “Small Learning Community” program. See page 64 for a description of the “Small Learning Community” Program.

World History covers important historical events in the world, from the Age of Enlightenment through birth of the Cold War. The content focuses on major historical eras and impacts such as: The Age of Absolutism, World War One and World War Two. Special attention is given to the social, political and economic developments as a result of all of these major eras.

- **Prerequisites:** None; grade 9
- **Homework Expectation:** Approximately 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6
- **Students will be concurrently enrolled in the English and Biology 1A SLC courses**

**CONTEMPORARY WORLD HISTORY (1641)**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>UC Approved “a”</th>
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</table>

In this course, concepts from the social sciences are used to explore contemporary global issues. Special emphasis is given to non-Western regions, especially Africa, Latin America, and the Middle East and Asia.

- **Prerequisites:** None; grade 10
- **Homework Expectation:** Approximately 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6

**US GOVERNMENT (1753)**

<table>
<thead>
<tr>
<th>Semester</th>
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</table>

This one-semester course explores the constitutional foundations of American government, the decision-making processes within and between the legislative, executive, and judicial branches of government and the changes which have occurred over time. Our rights and responsibilities as American citizens are also stressed together with the electoral process and issues of politics and the media.

- **Prerequisites:** None; grade 10
- **Homework Expectation:** Approximately 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6
## UNITED STATES HISTORY (1686)  
**Year**

This class begins with a review of pre-Civil War America, but its main emphasis is on the period following the Civil War through the present day. The content focuses on major turning points in US history, primarily social, political, and economic themes.

- **Prerequisites:** None; grade 11
- **Homework Expectation:** Approximately 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6

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## AP UNITED STATES HISTORY (1699)  
**Year**

This course provides an in-depth survey of US History, including intellectual, political, cultural, social, and diplomatic history. The class format focuses on writing and large and small group discussions, as well as lectures and primary source analysis. It also includes independent research, debates, and guest speakers. In addition to the text, each student will read a variety of books on historical topics and issues. Students are encouraged to take the AP test in May for college credit. Summer reading is expected.

- **Prerequisites:** None; grade 11
- **Homework Expectation:** Approximately 5 hours per week (with possibly more in the 3 weeks before the AP test)
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6

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## AMERICAN STUDIES (1694)  
**Year**

This yearlong interdisciplinary course combines the study of US History and American Literature. In this course, students will explore American culture and history through the use of historical documents and readings from a wide range of classic authors, from F. Scott Fitzgerald to Alice Walker. In addition, the course incorporates the art, music, film, and popular culture of the 20th Century in American society. Through field trips, students have the opportunity to explore the rich history of the Bay Area.

American Studies is an interdisciplinary course that combines the study of American Literature and United States History along with other elements of American Life. Our course will focus on the twentieth century American experience. In this course you will be asked to look for the various journeys that come together and build upon each other to create the country we know as America. We will study the multiple journeys of the American Experience by looking through the lenses of literature, history, art, music, popular culture and film.

- **Prerequisites:** None; grade 11
- **Requirements:** Concurrent enrollment in the English section of American Studies
- **Homework Expectation:** Approximately 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6
- **Fulfills the US History and American Literature English course**

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## ECONOMICS (1815)  
**Semester**

This one-semester course covers basic micro and macroeconomic theory, including supply and demand theory, market structures, the role of government in the economy, and issues of economic development. While the emphasis is primarily on the United States economy and an introduction to business, the analytical skills needed to be an educated consumer in a global economy are also stressed.

- **Prerequisites:** None; grade 12
- **Homework Expectation:** Approximately 1-2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6
<table>
<thead>
<tr>
<th>PSYCHOLOGY (1842)</th>
<th>Semester</th>
<th>(UC Approved “g”)</th>
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</thead>
<tbody>
<tr>
<td>This one-semester course introduces the student to the science of human behavior and mental processes. It explores the biological roots of behavior and such concepts as learning and development, neuroscience, perception and sensation, disorders, and states of consciousness.</td>
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<tr>
<td>• Prerequisites: None; grades 11-12</td>
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<td></td>
</tr>
<tr>
<td>• Homework Expectation: Approximately 2 hours per week</td>
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<tr>
<td>• District SLOs Addressed in this Course: 1, 2, 3, 5, 6</td>
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<table>
<thead>
<tr>
<th>AP PSYCHOLOGY (1859)</th>
<th>Year</th>
<th>(UC Approved “g”)</th>
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</thead>
<tbody>
<tr>
<td>This college-level introductory course will cover the many facets of the science of psychology, including biological roots of behavior, learning, thinking and language, developmental and abnormal psychology, personality theory and research methodology. Students are encouraged to take the AP test in May for college credit.</td>
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<tr>
<td>• Prerequisites: None; grade 12</td>
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<tr>
<td>• Homework Expectation: Approximately 3-5 hours per week (with possibly more in the 3 weeks before the AP test and before major tests)</td>
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<tr>
<td>• District SLOs Addressed in this Course: 1, 2, 3, 5, 6</td>
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<table>
<thead>
<tr>
<th>AP ECONOMICS (MICRO &amp; MACRO) (1811)</th>
<th>Year</th>
<th>(UC Approved “g”)</th>
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<tbody>
<tr>
<td>The course will follow the syllabus approved by the College Board. The second semester will cover macroeconomics. Students are encouraged to take the AP examinations in micro and macroeconomics.</td>
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<tr>
<td>• Prerequisites: None; grade 12</td>
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<tr>
<td>• Homework Expectation: Approximately 0-3 hours per week (with possibly more prior to the AP exams)</td>
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<td>• District SLOs Addressed in this Course: 1, 2, 3, 5, 6</td>
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<thead>
<tr>
<th>AP ECONOMICS (MICRO &amp; MACRO) (1821)</th>
<th>Year</th>
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<tbody>
<tr>
<td>As a Blended Learning course, class will meet 2/week during the regular school day.</td>
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<tr>
<td>• Prerequisites: None; grade 12</td>
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<tr>
<td>• Homework Expectation: Approximately 0-3 hours per week (with possibly more prior to the AP exams)</td>
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<td>• District SLOs Addressed in this Course: 1, 2, 3, 5, 6</td>
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<thead>
<tr>
<th>POSITIVE PSYCHOLOGY (1847)</th>
<th>Semester</th>
<th>(UC Approved “g”)</th>
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<tbody>
<tr>
<td>Positive psychology is a recent branch of psychology that stems from Humanistic Psychology. It’s aim is “to find and nurture genius and talent” (Compton 2005), and “to make normal life more fulfilling.” Students will be exposed to the theoretical pillars of this discipline and will apply this theory to their own life. Through a series of in class and at home activities, students will not only grow academically but personally as well. Students who have taken positive psychology and personal empowerment classes in the past have reported a significant increase in positive self-image, focus, creativity, curiosity, and general level of happiness.</td>
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<tr>
<td>• Prerequisites: None; grades 11-12</td>
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<td></td>
</tr>
<tr>
<td>• Homework Expectation: Approximately 0-3 hours per week</td>
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<tr>
<td>• District SLOs Addressed in this Course: 1, 2, 3, 5, 6</td>
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**US FOREIGN POLICY HONORS (1769)**  
*(UC Approved "g")  Semester*

This one-semester course is designed to help students better understand US foreign policy. The course will begin with a very brief review of the Cold War and then continue with case studies and history of US policy in Central America, Eastern Europe and the former USSR, the Middle East, Africa, and Asia. Some of the questions we will examine include: Is there a “New World Order”? To what degree can or should we depend upon alliances to steer policy decisions in the future? What values and interests should be reflected in the foreign policy we create for an increasingly interdependent world? There are no unit exams; assessment is based upon policy papers, presentations and seminar participation for each unit.

- **Prerequisites:** None; grades 11-12  
- **Homework Expectation:** 2-3 hours per week  
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6

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**HOLOCAUST (1604)**  
*(UC Approved "g")  Semester*

This one semester course is open to juniors and seniors as a social studies elective. While examining various genocides, students will examine responses to these events. Exploring the psychological roots and the social context of genocide, students will evaluate the behavior of rescuers, by-standards, victims and perpetrators. Students will study the nature of prejudice and historic roots of racism.

- **Prerequisites:** None; grades 11-12  
- **Homework Expectation:** 1-2 hours per week  
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6

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**THE COLD WAR (1852)**  
*(UC Approved "g")  Semester*

This semester course is open to juniors and seniors as a Social Studies elective. Major issues of the Cold War are analyzed and discussed using documentary films, literature, primary source documents, and newly-released archival footage. Topics include the impact of the Cold War on third world nations, superpower struggles for dominance, the arms and space races, espionage, the fall of communism, and Cold War legacies.

- **Prerequisites:** None; Grade 11-12  
- **Homework Expectation (Hours-Min per week):** 1-2 hours per week.  
- **District SLOs addressed in this course:** 1, 2, 3, 5, 6
The Visual and Performing Arts Department at Gunn High School, in keeping with the UC and CSU entry requirement for Visual and Performing Arts, offers a yearlong sequential curriculum in all department courses. (Only yearlong courses are accepted as fulfillment of the entry requirement). We do not offer semester courses and students should therefore not be enrolled by semester.

Please note that the amount of work expected outside class in Art depends on the student’s pace, attendance, and effective use of class time.

**ART**

**ART SPECTRUM (6205) (UC Approved “f”) Year**

This course can be used to fulfill the Visual and Performing Arts requirement for the UC and CSU systems.

This foundation course is designed to meet the challenge of creating visual art in a compelling and interesting way. Through 2-D and 3-D experiences the curriculum will provide each artist with the ability to generate creative ideas as well as the skills to execute them. Since learning to create visual art involves learning to see, Art Spectrum focuses on the development of this essential visual skill. Observational and conceptual exercises will explore the use of a broad variety of materials, techniques, and treatments used to design, draw, paint, and sculpt. Exposure to art in our community, peer support, and the development of personal sketchbooks will build confidence to create. This course inspires and encourages a positive feeling about the visual arts, and knowledge of the basic techniques and procedures to experience and understand art.

- **Prerequisites:** None; grades 9-12
- **Homework Expectation:** 1 hour per week on average
- **District SLOs Addressed in this Course:** 1, 4, 6

**DRAWING/PAINTING (6340) (UC Approved “f”) Year**

Course Preparation: Art Spectrum or equivalent, or consent of the instructor.

This course can be used to fulfill the Visual and Performing Arts requirement for the UC and CSU systems.

Drawing is the foundation of all artists to describe their ideas, regardless of the medium of the final product. This course will prepare any student to draw well by enhancing their ability to see subtle value ranges, create a full range of bold values, understand relationships of space and learn what makes a strong composition.

Designed as the first course in the Drawing and Painting Program, the curriculum gradually builds upon itself to move from an exploration in expressive mark making with graphite, cone, charcoal, colored pencil and pastel, to a painting experience. Drawing well is the foundation for painting well, thus it is after drawing that advanced color theory, painting approaches and brush techniques are considered through acrylic and watercolor paint.

Assignments are designed to build the “artist’s tool belt” – the technical and expressive skills to render a broad range of surface qualities or textures upon the illusion of forms, in both black and white and color. The lessons encourage creative, imaginative thinking to begin visually communicating personal concepts.

Historical and cross-cultural views on art is integrated into lessons and discussions; sketchbooks are highly used; and exposure to local artwork is obligatory. Representatives will be invited to present, from private Art Colleges and Us with strong art programs, about options for art careers.

Course work will include art history, research, museum reports, artist statements, and participation in critiques.

- **Prerequisites:** None; grades 9-12
- **Homework Expectation:** 1 hour per week on average
- **District SLOs Addressed in this Course:** 1, 4, 6
ADVANCED DRAWING & PAINTING I (6344)  
(UC Approved “f”)  
Year

This course can be used to fulfill the Visual and Performing Arts requirement for the UC and CSU systems and also satisfies the Career Technical Education Programs requirement. This course can be repeated for two years with credit.

Designed sequentially as the second course in the Drawing and Painting Program, Advanced I is an expansion of the drawing and painting experience. This course develops the artist’s expression to communicate visually and find personal meaning in student work. While building technical and expressive skills in advanced media such as Intaglio printmaking, oil painting and mixed media, the creation of concept-driven work will be achievable. Through advanced understanding and use of design elements and principles, the beginning of a high quality body of work will be developed in preparation for college and personal portfolios.

Students will support one another’s artistic process through peer assessment, build articulation of conceptual meaning by using advanced art vocabulary in critiques, and create a positive studio environment. This course is for mature artists who have a strong foundation in the use of multiple media, are serious about making art and have responsible studio behavior.

Assignments will gradually be less structured, allowing for personal motivation towards artistic independence. Sketchbooks become an essential part of documenting growth, and semester museum visits and reports offer important exposure to new art and artists. Seniors have the option to curate and exhibit their body of work in the Library Gallery through a sign-up process.

- **Prerequisites:** Successful completion of one full year of Drawing/Painting; grades 10-12
- **Homework Expectation:** 2 hours per week on average
- **District SLOs Addressed in this Course:** 1, 4, 6

ADVANCED DRAWING & PAINTING II (6349)  
(UC Approved “f”)  
Year

Designed as the third course in the Drawing and Painting Program, this course has a Self-Directed curriculum. Thus, quarterly contracts will be based on student-designed learning objectives and aesthetic intent, with a minimum of three pieces of artwork per quarter. Portfolio development will be supported through quarterly one-on-one consultations and class critiques.

This advanced course is for students who opt out of AP Studio Art, but desire artistic independence and full studio access. Sketchbooks continue to be an essential part of documenting personal and artistic growth, and semester museum visits and reports offer important exposure to art trends and concepts.

Participation in photo shoots is available to digitally document work for college or personal portfolios. Students have the opportunity to curate and exhibit their body of work. Seniors have the option to curate and exhibit their body of work in the Library Gallery through a sign-up process.

- **Prerequisites:** Successful completion of one full year of Advanced Drawing/Painting; grades 11-12
- **Homework Expectation:** 2 hours per week on average
- **District SLOs Addressed in this Course:** 1, 4, 6

AP STUDIO ART – DRAWING (6459)  
(UC Approved “f”)  
Year

The AP Studio Art Drawing and Painting Portfolio consists of: Artwork involving drawing, painting, printmaking, and mixed media.

Students who enroll in this college-level course must first successfully complete a review of their current portfolio with the Drawing and Painting instructor for assessment, ideally by the end of the previous year. If the quantity and quality in the body of work reflects the necessary preparation, or summer plans indicate productive art making or instruction, then there is acceptance to proceed.

Approximately 30 completed pieces reflecting first-year, college-level standards are required in the portfolio by the first week of May, and should exhibit these areas of concern: Quality, Concentration and Breadth. Photo shoots are scheduled as a service to digitally document artwork for digital submission of Concentration and Breadth. Five actual pieces for the Quality portion are mailed in a portfolio to the AP College Board, to be returned.
Quarterly, one-on-one reviews are scheduled with instructor to monitor progress, guide the artistic process and evaluate conceptual development and mastery of drawing and painting. To maintain a position in this course, evidence of roughly four pieces per quarter is upheld and a contract of commitment and responsible studio behavior is signed. The AP College Board will assign college credit for this course after their review in June, upon receiving a score of 3 or higher and completion of their form.

- **Prerequisites:** Successful completion of one full year of at least one Advanced course within that discipline and approval of instructor
- **Homework Expectation:** The homework will depend greatly on how many art pieces the student brings to the AP course from their portfolio. It is recommended that students have at least nine completed pieces for the breadth portion, prior to admission. Seniors have the option to curate and exhibit their body of work in the Library Gallery through a sign-up process.
- **District SLOs Addressed in this Course:** 1, 4, 6

### AP Studio Art 2-D (6448)

This course can be used to fulfill the Visual and Performing Arts requirement for the UC and CSU systems. This course satisfies the district Career Technical Education requirement. This is an introductory course involving studio inquiry into the nature of graphic design and visual problem solving. Topics introduced in the course are: symbols, typography, information design, visual concepts, and three-dimensional graphic design. Emphasis is placed on the basic art elements and principles that underlie all great designs—the tools and techniques needed to effectively translate visual ideas, execute the concept, and construct a design, in order to develop an understanding of how form and message create a visual language. The course also introduces the student to studio operations and procedures including traditional and digital media, client-designer relations, production processes for print media, graphic design history and cultural content, as well as written and oral components of classwork. Seniors have the option to curate and exhibit their body of work in the Library Gallery through a sign-up process. This course is open to grades 10-12.

- **Prerequisites:** Art Spectrum or equivalent
- **Homework Expectation:** 1 hour per week on average
- **District SLOs Addressed in this Course:** 1, 6, 7

### Graphic Design (6262)

This course can be used to fulfill the Visual and Performing Arts requirement for the UC and CSU systems. This course fulfills the district Career Technical Education requirement. This is an introductory course involving studio inquiry into the nature of graphic design and visual problem solving. Topics introduced in the course are: symbols, typography, information design, visual concepts, and three-dimensional graphic design. Emphasis is placed on the basic art elements and principles that underlie all great designs—the tools and techniques needed to effectively translate visual ideas, execute the concept, and construct a design, in order to develop an understanding of how form and message create a visual language. The course also introduces the student to studio operations and procedures including traditional and digital media, client-designer relations, production processes for print media, graphic design history and cultural content, as well as written and oral components of classwork. Seniors have the option to curate and exhibit their body of work in the Library Gallery through a sign-up process. This course is open to grades 10-12.

- **Prerequisites:** Art Spectrum or equivalent
- **Homework Expectation:** 1 hour per week on average
- **District SLOs Addressed in this Course:** 1, 6, 7
ADVANCED GRAPHIC DESIGN  (6274)  
(UC Approved “f”)  
Year

The primary goal of this course it to develop an advanced understanding of the methods and concepts employed in solving communications problems in graphic and package design. This course also serves to prepare a portfolio of fundamental and dependable methods for creating meaningful, imaginative, communication solutions through research, analysis, oral and written investigation of communication tasks and their target audiences. Traditional and digital media are utilized, as well as demonstrations, presentations, group exercises, historical and cultural research, class critiques, and one-on-one meetings with students.

Seniors have the option to curate and exhibit their body of work in the Library Gallery through a sign-up process. This course is open to grades 11-12.

- **Prerequisites:** Successful completion of one full year of Graphic Design I and approval of instructor. This class fulfills the district Career Technical Education requirement.
- **Homework Expectation:** 2 hours per week on average
- **District SLOs Addressed in this Course:** 1, 6, 7

GRAPHIC PUBLICATIONS (Yearbook)  (6167)  
(NOT UC Approved)  
Year

Positions on the graphic production/yearbook staff are awarded through an application-interview process, which occurs between January and February and is announced in the school bulletin. Priority will go to students with prior photography, computer, graphic design, or past yearbook experience. Instructor and editor approval is required in all cases. The graphic production/staff produces the school yearbook; thus, staff members must have the necessary skills. Instruction in computer graphic, layout, design, and copy preparation will be provided during the first quarter. Those applying for a photography position must have successfully completed a beginning photography course and will be required to learn studio lighting for portraiture. All students are required to spend time in addition to class hours working on the book, and editorships are awarded to the most qualified students who have served on the yearbook staff. This course is open to grades 10-12.

- **Prerequisites:** Suggested completion of the Graphic Design and Photography courses
- **Homework Expectation:** See course description
- **District SLOs Addressed in this Course:** 1, 6, 7

CERAMICS  (6258)  
(UC Approved “f”)  
Year

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems. This course can be repeated for credit for three years.

A basic course in ceramics designed for students who have an interest in making functional as well as sculptural pieces using a variety of construction methods including both hand built and wheel thrown processes. Students will learn how to use glaze and other alternative methods for decorating and finishing their work. Emphasis on developing proficiency with building and glazing processes is stressed and projects are designed to build students’ creative problem solving skills. Design, aesthetics and planning are an integral part of the curriculum. Students will be required to keep an active sketchbook where they sketch their concepts and design their works before construction. The ceramics curriculum analyzes historical, cultural and aesthetic aspects of clay working and creative problem solving.

As a result of taking this course, students will be able to create works of art that reflect an understanding of the elements of art and the principles of design. They will be able to appreciate and discuss the artistic accomplishments of various cultures, past and present, using visual art’s vocabulary. Critiques and museum/gallery visits are an expected part of the curriculum. This course is open to grades 10-12.

- **Prerequisites:** Art Spectrum or equivalent, or teacher approval
- **Homework Expectation:** See course description
- **District SLOs Addressed in this Course:** 1, 4, 6

53  
Gunn Course Catalog 2016-2017
This course can be used to fulfill the Visual and Performing Arts requirements for the UC and CSU systems. Advanced Ceramics is a college preparatory course wherein students explore a variety of construction techniques, design methods and firing processes. Students will focus either on wheel throwing or hand building projects to develop proficiency in a specific area. Students are expected to become proficient designers and planners. Sketchbooks are required in which students will take notes, sketch concepts, and design works prior to construction. Contemporary artists will be examined and students will analyze their work in relation to their own work. Students are expected to build a portfolio, schedule required museum visits, and attend all lectures by visiting artists. A project-based learning model is the primary instructional strategy used in this course. Projects are thematic to accommodate various skill levels. Skills are taught by scaffolding methods of increasing difficulty, and problem solving as the course progresses. Techniques and materials are introduced at stages that reinforce each other and lead into the next project. Other instructional methods include slide lectures, technique demonstration, group projects, videos, seminars, visiting artists, museum trips, exhibitions, internet and library research, collaboration, critiques, aesthetic inquiry and portfolio assessment. Students can expect ongoing one-on-one meetings with the instructor throughout the year. This course is open to grades 11-12.

- **Prerequisites:** Successful completion of one full year of Ceramics and approval of the instructor
- **Homework Expectation:** Less than 1 hour per week depending on the particular project, degree of involvement and point in the curriculum
- **District SLOs Addressed in this Course:** 1, 4, 6

**ADVANCED CERAMICS 2 (6389)**

Advanced Ceramics 2 is a continuing advanced level course wherein students expand upon their ceramic processes and interests. This course is geared for the student who is motivated to undertake ambitious work in clay and further their understanding of ceramic art as a means of artistic expression and possible pursuit of study in college or future profession. The goal for this course is to provide the advanced student the opportunity to grow in a setting with ambitious peers and to produce works toward a sophisticated portfolio for the college/art school application process and for submission in juried art competitions and exhibitions. Students will explain or justify themes and aesthetic decisions, and make connections to art history and culture.

A project-based learning model is the primary instructional strategy used in this course. Projects are thematic to accommodate various skill levels. Skills are taught by scaffolding methods of increasing difficulty, and problem solving as the course progresses. Techniques and materials are introduced at stages that reinforce each other and lead into the next project. Other instructional methods include slide lectures, technique demonstration, group projects, videos, seminars, visiting artists, museum trips, exhibitions, internet and library research, collaboration, critiques, aesthetic inquiry and portfolio assessment. Students can expect ongoing one-on-one meetings with the instructor throughout the year.

- **Prerequisites:** Successful completion of one full year of Ceramics and approval of the instructor
- **Comments:** Successful completion of one full year of Advanced Ceramics and approval of the instructor.
- **Homework Expectation:** Less than 1 hour per week depending on the particular project, degree of involvement and point in the curriculum
- **District SLOs Addressed in this Course:** 1, 4, 6

**PHOTOGRAPHY 1 (6150)**

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems. Students are taught film and DSLR camera operation, digital workflow, composition and design principles, introductory image editing and management in adobe software (Photoshop and Lightroom), mounting and display of finished work, and related terminology and techniques. Other assignments may include pinhole camera, strobe, studio lighting, portraiture use and selection of lenses, and traditional darkroom techniques. The curriculum will provide learning experiences which include the historical aspects of photography through the use of slides, film, and videos.

Students will gain confidence in their abilities to create original compositions. Successful work will need to demonstrate technical proficiency and creative expression. Through writing and discussions, students will need to demonstrate aesthetic perception, valuing, and an understanding of historical and cultural aspects of the medium. This course is open to grades 10-12.

- **Homework Expectation:** On average, 1 hour per week
- **District SLOs Addressed in this Course:** 1, 6, 7
ADVANCED PHOTOGRAPHY (6158)  

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems. This course will also fulfill the district Career Technical Education requirement.

This course builds on the skills taught in the PHOTO I class. Assigned work throughout the course will emphasize the technical as well as emotional, expressive and non-verbal communicative nature of the photographic medium. Students will master advanced skills in the use of small and medium, format cameras, portable and studio lighting techniques, and expand their knowledge of darkroom and digital processes to include contrast control, filters, dodging and burning techniques, layers, advanced film exposure and developing methods, as well as alternative photo processes.

This course satisfies either the Fine Arts or Career Technical Education Programs requirement and may be repeated for credit upon recommendation of the instructor.

Students who successfully complete this course will be able to demonstrate mastery of the advanced skills described above and expand understanding of current and historical directions in photography through completed works, assigned written reviews of exhibits and class critiques.

- **Prerequisites:** Successful completion Photography 1 or instructor approval
- **Homework Expectation:** Less than 1 hour per week depending on the particular project, degree of involvement and point in the curriculum
- **District SLOs Addressed in this Course:** 1, 6, 7

ART HISTORY (6141)  
ART HISTORY (6142)  

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems. One semester of this course will fulfill the Social Studies elective requirement for graduation.

It can be taken for AP credit through enrollment for the full year and completion of all additional AP course work.

The great lives and trends of the history of art are surveyed in chronological sequence, together with an examination of art as a reflection of other historical events. First semester consists of a study of art from prehistory through the Baroque. The second semester is a study of art from mid-17th century to the present. The arts of non-Western cultures are also studied for appreciation of their unique qualities. Class activities include films, slides, museum visits, lectures and related reading.

Students who successfully complete this course will need to demonstrate an understanding of Art History chronology, and how different cultures have aesthetically perceived artistic expressions. They will also need to show expanded ability to make aesthetic judgments about content, techniques, forms, and purposes of art, historically. This course is offered in grades 10-12.

- **Homework Expectation:** 2 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6

AP ART HISTORY (6249)  

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

The great lives and trends of the history of art are surveyed in chronological sequence, together with an examination of art as a reflection of other historical events. First semester consists of a study of art from prehistory through the Baroque. The second semester is a study of art from mid-17th century to the present. The arts of non-Western cultures are also studied for appreciation of their unique qualities. Class activities include films, slides, museum visits, lectures and related reading.

Students who successfully complete this course will need to demonstrate an understanding of Art History chronology, and how different cultures have aesthetically perceived artistic expressions. They will also need to show expanded ability to make aesthetic judgments about content, techniques, forms, and purposes of art, historically. This course is offered in grades 10-12.

- **Homework Expectation:** 3 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6
MUSIC

CONCERT BAND (7010) (UC Approved “f”) Year

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

The Concert Band is an intermediate/advanced ensemble open to students with an instrumental background who wish to be a part of a quality performing group. There will be a strong emphasis on instrumental techniques and music fundamentals taught through performance. As a result of participation in this class, the student will be ready to audition for more advanced ensembles.

The Concert Band is an ensemble committed to a high level of study and performance of standard and contemporary large band repertoire. This ensemble provides the students with the opportunity to study and perform outstanding band literature from the renaissance to the present.

Attendance at all performances is mandatory. Performance opportunities include fall, winter and spring concerts, CMEA Band Festival, solo/ensembles, feeder school concerts. There are also opportunities for individuals to audition for other ensembles: Jazz Band, All-State Honor Band, and the Santa Clara County Honor Band. This course is open to grade 9 students only.

• Prerequisites: At least one year of instruction on a band instrument, and at least two years experience in your middle school band program. If you do not meet this requirement, you must audion for the directors. Please contact them to set up an audition.
• Homework Expectation: 90-120 minutes per week outside of class practice. Both performance and written assessments will be included in the curriculum.
• District SLOs Addressed in this Course: 1, 2, 4, 6

SYMPHONIC BAND (7013) (UC approved “f”) Year

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

The Symphonic Band is an advanced ensemble open to students with a strong instrumental background who wish to be part of a quality performing group. There will be a strong emphasis on performance techniques and developing a repertoire of the finest literature for performances. As a result of this experience, the student will be able to better express themselves creatively, and they will have a knowledge and appreciation of music history. Both performance and written assessments will be included in the curriculum.

The Symphonic Band is an ensemble committed to a high level of study and performances of standard and contemporary large band repertoire. This ensemble provides the students with the opportunity to study and perform outstanding band literature from the renaissance to the present.

Attendance at all performances is mandatory. Performance opportunities include fall, winter and spring concerts, CMEA Band Festival, solo/ensembles, feeder school concerts, and graduation. There are also opportunities for individuals to audition for other ensembles: Jazz Band, All-State Honor Band, and the Santa Clara County Honor Band. This course is available for Career Technical Education credit to grades 11-12 with teacher approval.

• Prerequisites: At least two years of instruction on a band instrument and at least one year in Concert Band at Gunn High School. If you are entering Gunn from outside PAUSD schools you must audition for the directors. Please contact them to set up an audition.
• Homework Expectation: 90-120 minutes per week outside of class practice. Both performance and written assessments will be included in the curriculum.
• District SLOs Addressed in this Course: 1, 2, 4, 6

ORCHESTRA (7030) (UC approved “f”) Year

Orchestra will focus on string techniques, knowledge of a broad representation of different string and orchestral repertoire, as well as the promotion of lifelong learning attitudes about ALL music. Students will perform music drawn from the Renaissance to the present. While performance will be an integral part of the end product, the ongoing process of rehearsing quality music at a high level of musicianship will be the daily challenge. Performance assessment, written assessment, opportunity to participate in Chamber
Ensembles. Attendance at all performances mandatory, including Fall, Winter and Spring concerts, district festivals, California Music Educators association festivals, Solo-Ensemble festivals, feeder school concerts, regional and national tours and community events. There are also opportunities for individuals to audition for the All-State Honor Orchestra.

- Prerequisites:
  - For entering Freshmen – At least one year of instruction on your instrument and at least two years’ experience in your middle school orchestra program. If you do not meet this requirement, you must audition for the director. Please contact her to set up an audition.
  - For grades 10-12 – If you were not in the Gunn Orchestra during your freshman year you must audition for the director. Please contact her to set up an audition.
- Homework Expectation: 2 hours per week minimum.
- District SLOs addressed in this course: 1, 2, 4, 6

### JAZZ ENSEMBLE (7022) *(UC approved “f”)*

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<thead>
<tr>
<th>Year</th>
<th>The Jazz Ensemble course will focus on the performance techniques and knowledge of repertoire associated with the finest in jazz band literature. Emphasis is placed on the preparation for the performances and evaluation at concerts and various jazz festivals throughout the year. Students will perform music from the international jazz heritage, drawing from, but not limited to, the following styles: blues, swing, be-bop, ballads, bossa nova, samba, funk and jazz rock. Performance assessment, written assessment and self-assessment will be integral parts of the curriculum. Students will also study and practice jazz improvisation, using music theory and guided listening as tools to an exploration and development of improvising skills. Attendance at all performances is mandatory. Performance opportunities include Winter and Spring Concerts, guest artist concert (featuring jazz professionals as guest soloist), various Jazz Festivals and various local concerts in other schools or the community.</th>
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<tr>
<td></td>
<td>• <strong>Prerequisites:</strong> At least 3 years of instruction on a jazz band instrument and at least 2 years of performing in an ensemble. Student must be a member of the Band or Orchestra. Teacher approval and/or audition required.</td>
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<td></td>
<td>• <strong>Homework Expectation:</strong> 2 hours per week District SLOs addressed in this course: 1, 2, 4, 6</td>
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<tr>
<td></td>
<td>• <strong>District SLOs addressed in this course:</strong> 1, 2, 4, 6</td>
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### JAZZ B (7017) *(Not UC approved)*

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<tr>
<th>Year</th>
<th>The Jazz B course will focus on the performance techniques and knowledge of repertoire associated with the finest in jazz band literature. Emphasis is placed on the preparation for the performances and evaluation at concerts and various jazz festivals throughout the year. Students will perform music from the international jazz heritage, drawing from, but not limited to, the following styles: blues, swing, be-bop, ballads, bossa nova, samba, funk and jazz rock. Performance assessment, written assessment and self-assessment will be integral parts of the curriculum. Students will also study and practice jazz improvisation, using music theory and guided listening as tools to an exploration and development of improvising skills. Attendance at all performances is mandatory. Performance opportunities include Winter and Spring Concerts, guest artist concert (featuring jazz professionals as guest soloist), various Jazz Festivals and various local concerts in other schools or the community.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>• <strong>Prerequisites:</strong> At least 3 years of instruction on a jazz band instrument and at least 2 years of performing in an ensemble. Student must be a member of the Band or Orchestra. Teacher approval and/or audition required.</td>
</tr>
<tr>
<td></td>
<td>• <strong>Homework Expectation:</strong> 2 hours per week</td>
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<td></td>
<td>• <strong>District SLOs addressed in this course:</strong> 1, 2, 4, 6</td>
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### CHORAL MUSIC PROGRAM
**TREBLE CHOIR (7267)**  
(UC Approved “P”)  
This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

The Treble Choir is open to students who enjoy singing and desire to participate in a quality-singing group. There will be strong emphasis on improving and increasing the vocal capabilities of the student. (A study of the basic music fundamentals—notes, rests, clefs, signatures, lines and spaces, rhythmic patterns, etc., will be included.)

Music will be drawn from our global heritage, including but not limited to the following musical cultures: African, Asian, Eastern and Western European, Indian, Middle Eastern, Latin American and North American. The chosen music will be sung in the language of each culture. As a result of having discussed, studied and performed the above, students will have a greater appreciation of cultural similarities and differences plus an increased awareness of the many contributions, which enhance our lives.

Written critiques will be expected from all students describing the techniques, form and content of pieces heard. There will be several performance opportunities for all: fall, winter and spring concerts, Music Revues, district/area festivals, Baccalaureate, solo/ensemble concerts and feeder school concerts. This course is open to grades 9-12.

- **Prerequisites:** An interest in singing is necessary. However, no previous experience is required.
- **Homework Expectation:** Students will spend approximately 10-12 hours per quarter outside class time in extra rehearsals and performances. This averages out to about 1 hour per week.
- **District SLOs Addressed in this Course:** 1, 2, 6

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**CONCERT CHOIR (7218)**  
(UC Approved “P”)  
This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

The Concert Choir is open to students who enjoy singing and desire to participate in a quality singing group. There will be a strong emphasis on vocal training, production, phrasing, and diction with special work devoted to extending the vocal range of the singers. Basic music theory will be included to aid in the improvement of sight-reading. Both performance and written tests will be included in the curriculum. Memorization of performance music and consistent attendance are required.

Music will be drawn from our global heritage, including, but not limited to, the following musical cultures: African, Asian, Eastern and Western European, Indian, Middle Eastern, Latin American, and North American. The chosen music will be sung in the language of each culture. As a result of having discussed, studied, and performed the above, students will have a greater appreciation of cultural similarities and differences plus an increased awareness of the many contributions which enhance our lives.

Written critiques will be expected from all students describing the techniques, form, and content of pieces heard. There will be several performance opportunities for all: fall, winter and spring concerts, Music Revues, district/area festivals, Baccalaureate, alumni, solo/ensemble, feeder school concerts. Also opportunities for individuals to audition for other ensembles and solos: Chamber Singers, Solos for concerts/shows, All-State Honor Choir and National Honor Choirs.

- **Prerequisites:** Treble Choir or by audition
- **Homework Expectation:** Students will spend approximately 10-12 hours per quarter outside class time in extra rehearsals and performances. This averages out to about 1 hour per week.
- **District SLOs Addressed in this Course:** 1, 2, 6

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**ADVANCED VOCAL (Chamber Singers) (7226)**  
(UC Approved “P”)  
This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.
This group is open to students currently enrolled in Concert Choir who have had a minimum of a year of training and performance with a choral group and have auditioned for the group. The group meets evenings (with some special sectionals/rehearsals during lunch). It is a performance-oriented course, emphasizing vocal production, music reading skills and rehearsal and performance of repertoire appropriate for "chamber singing"; from madrigals to music of the Baroque, Classical, Romantic, Modern, and Contemporary periods along with works representative of other cultures of the world. This group will be expected to memorize music independently and to perform extensively.

- **Prerequisites:** By audition only (must also be in Concert Choir, auditions are in late May/early June).
- **Homework Expectation:** Students will spend approximately 10-12 hours per quarter outside class time in extra rehearsals and performances. This averages out to about 1 hour per week.
- **District SLOs addressed in this course:** 1, 2, 6

### AP Music Theory (7379) *(UC Approved “P”)*

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems, and can be taken for AP credit if enrolled for the full year and all additional AP course work has been completed.

Basic music theory, i.e., names of lines and spaces of the grand staff, clef signs, key and time signatures, note and rest values, and scales, both major and minor, will serve as an introduction to the course.

Ear training and dictation, sight-reading and sight-singing, form and analysis, and elementary orchestration will be part of the course. The harmony portion of the course will include the study of: chord structures, positions and inversions, harmonization of bass and soprano lines, use of the figured bass, and analysis of compositions for piano, chorus, and orchestra.

As a result of this study, students will be able to compose an original work and notate it correctly. This original composition will be performed in June and is required. This course is open to grades 11-12.

- **Prerequisites:** Students interested in the course must pass a pretest given in late May. The test will demonstrate previous experience with music notation.
- **Homework Expectation:** 20-45 minutes 3 times a week depending on the student’s musical background before entering the course. Each unit also has a composition assignment that requires additional time. A student with poor listening skills may need additional time outside of class to develop the necessary aural recognition skills required.
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6

### Theatre

#### Theatre 1 (1070) *(UC Approved “P”)*

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

Theatre 1 provides an introduction to theatre as a discipline and art form. Through theatre games and improvisation exercises, students will develop confidence, trust, and voice and movement skills. As they give and receive criticism on performances in and outside of class, including scene and monologue work, students will apply evaluative criteria and appreciate excellence in performance. By studying theatre as an expression of both history and culture, students will explore the way in which theatre affects and is affected by its societal context. This course is open to grades 9-12.

- **Homework Expectation:** Minimal homework
- **District SLOs Addressed in this Course:** 1, 2, 6

#### Theatre 2 (1073) *(UC Approved “P”)*

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.
Theatre 1 provides an introduction to theatre as a discipline and art form. Through theatre games and improvisation exercises, students will develop confidence, trust, and voice and movement skills. As they give and receive criticism on performances in and outside of class, including scene and monologue work, students will apply evaluative criteria and appreciate excellence in performance. By studying theatre as an expression of both history and culture, students will explore the way in which theatre affects and is affected by its societal context. This course is open to grades 10-12.

- **Prerequisites:** Theatre 1
- **Homework Expectation:** 15 minutes per night
- **District SLOs Addressed in this Course:** 1, 2, 4, 5, 6

**THEATER 3 (1076)**

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

Theatre 3 is designed to build upon the skills learned in Theatre 1 and 2. Through participation in in-depth projects, students will apply directing, acting, technical, and dramaturgical skills. During these projects, they will write and adapt scripts and research societal contexts. By exploring different theatrical genres, students will evaluate and appreciate a variety of production styles including non-Western and non-traditional theatre. This course is open to grades 11-12.

- **Prerequisites:** Theatre 2 and permission of instructor
- **Homework Expectation:** 15 minutes per night
- **District SLOs Addressed in this Course:** 1, 2, 6

**THEATER 4 (1097)**

This course can be used to fulfill the Visual and Performing Arts entrance requirement for the UC and CSU systems.

Theatre 4 provides an opportunity for students to pursue an individualized course of study, taking leadership roles in in-depth theatrical projects in their areas of interest. Students will locate their productions within a theatrical genre, emphasizing the historical and cultural influences on their project. Students will create unified production concepts, integrating the contributions of the director, actor, designer, playwright, and spectator of a theatrical event.

Senior Project: Students who are selected to produce and direct a one-act production in the spring may have the option to use this as the focus for a senior project. Prior approval from the instructor is required. This course is open to grades 11-12.

- **Prerequisites:** Theatre 3 and permission of instructor
- **Homework Expectation:** 15 minutes per night
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6

**STAGE TECHNOLOGY (1087)**

Stage Technology and Design is designed to integrate theoretical and practical knowledge of stage technology and design. Students will study the design and construction of sets, lighting, sound, and costumes, and apply their skills by developing design concepts and mounting productions from a variety of theatrical genres. By assuming vital roles in play productions, students will work effectively in leadership and ensemble situations, and experience the relationship of technical theatre to the theatrical event as a whole. Students will learn to operate theatrical equipment and tools safely, and use these skills to provide technical services for many school stage activities. This course satisfies the Career Technical Education Program requirement and Visual and Performing Arts requirement, and may be repeated for four years. This course is open to grades 9-12.

**NOTE:** This is a Career Tech Ed credit course.
Students will continue to practice their technical theater skills at an advanced level through working in leadership roles on Gunn Theatre Productions. They will manage and supervise a design or construction crew while drawing on their knowledge of theater history, design aesthetics, and creative processes. At the end of a production, students will be responsible for a production report, analyzing their process, successes and challenges. This course will also require students to archive their designs and experiences in a portfolio, which they will present at the end of the spring semester. This course satisfies the Career Technical Education Program requirement and Visual Performing Arts requirement, and may be repeated for three years. This course is open to grades 10-12.

**NOTE:** *This is a Career Tech Ed credit course.*

- **Prerequisites:** Successful completion of one full year of Stage Technology and Design, and approval of the instructor.
- **Homework Expectation:** 4 hours a week on average
The Gunn World Language department offers 5 languages: French, German, Japanese, Mandarin Chinese and Spanish. At all levels of instruction students are immersed in the target language and culture. Emphasis is placed on oral and written communication using performance-based assessments. Classes are offered in sequential order in order to build the proper foundation for oral and written proficiency.

Students who successfully begin their language studies in middle school move directly into level 2. Students coming from out of the PAUSD district who are native or heritage speakers or have been in after-school or immersion programs are required to take a placement exam (offered in May and August) to determine their appropriate placement. Please see the Gunn Web site or contact the WL Instructional Supervisor for more details about this exam.

The ranges of proficiency levels referred to in the course descriptions come from the American Council of Teachers of Foreign Language (ACTFL) proficiency guidelines:

The Gunn World Language Department supports and encourages all language learning to the highest degree of proficiency possible. To this end, we strongly encourage students to take language all four years of high school in order to achieve maximum proficiency in reading, writing, speaking, and listening according to the ACTFL Proficiency Standards, with which all of our courses are aligned. When a student chooses to take an accredited course off-campus, credit for that course can be granted if the student can demonstrate level-equivalent proficiency according to the ACTFL scale at the completion of the course by taking a department – administered proficiency test. If a student wishes to advance to a higher level, he or she must take a department-administered proficiency placement test before the beginning of the school year in order to demonstrate the appropriate proficiency for the desired level.

FRENCH I (4110) (UC Approved “e”) Year
GERMAN I (4210)
JAPANESE I (4270)
MANDARIN CHINESE I (4010)
SPANISH I (4410)

Level I World Language classes are designed for non-native speakers of the target language. The curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. In addition, students develop insight into their own language and culture. Themes may include family, friends, home, school, food and customs, geography, seasons, weather, and travel.

- Prerequisites: None; grades 9-12
- Homework Expectation: 1.5 hours per week
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7
FRENCH 2 (4120)  
GERMAN 2 (4220)  
JAPANESE 2 (4275)  
MANDARIN CHINESE 2 (4020)  
SPANISH 2 (4420)  

Level II World Language classes are designed for non-native speakers of the target language. The curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. In addition, students develop insight into their own language and culture. Themes may include family and friends, school schedules, leisure activities, shopping, directions, buildings and monuments, places and events.

- **Prerequisites:** Level 1 or department approval; grades 9-12  
- **Homework Expectation:** 1.5 hours per week  
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

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SPANISH 1 (4401)  
SPANISH 2 (4402)  

**Spanish for Spanish Speakers**

These classes are designed for native speakers of Spanish. The S/S 1 curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale. The S/S 2 curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to Intermediate low range on the ACTFL Proficiency scale. Both levels assist students to interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. In addition, students develop insight into their own language and culture. S/S 1 themes may include family, friends, home, school, food and customs, geography, seasons, weather, and travel. S/S 2 themes may include career choices, the environment, current events, professions and work, history, art, literature, music.

A course-specific placement test is given in class the first week of school to determine proper placement in S/S 1 or 2. If you are not sure which level to choose, place your student in S/S 1, and he/she will be properly placed by the teacher in the first week.

- **Prerequisites:** Span/Span 1: none; Span/Span 2: S/S 1 or department approval; grades 9-12  
- **Homework Expectation:** 1.5-2 hours per week  
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

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FRENCH 3 (4130)  
GERMAN 3 (4230)  
JAPANESE 3 (4277)  
MANDARIN CHINESE 3 (4030)  
SPANISH 3 (4430)  

Level II World Language classes are designed for non-native speakers of the target language. The curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. In addition, students develop insight into their own language and culture. Themes may include family and friends, school schedules, leisure activities, shopping, directions, buildings and monuments, places and events.

- **Prerequisites:** Level 2 or department approval; grades 9-12  
- **Homework Expectation:** 2 hours per week  
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7
SPANISH CIVILIZATION & CULTURE H (4441) (UC Approved “e”) Year

This honors course provides students with the opportunity to continue to demonstrate their proficiency in Spanish at the Intermediate High to Pre-Advanced range in each of the 3 modes of communication on the ACTFL Proficiency Guidelines. Students analyze the historical, political, and social issues of the Spanish-speaking world using authentic literary texts, films, music, art, and mass media. Students also have the opportunity to explore the wide range of cultures in the world where Spanish is spoken (Spain, Africa, Caribbean islands, Central and South America, etc.) Language skills are developed through oral presentations, research projects, and reflections on literary and non-literary texts. Students are encouraged to explore and research in more depth topics of interest to them.

- Prerequisites: Spanish 3 or department approval; grades 9-12
- Homework Expectation: 2.5 hours per week
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7

JAPANESE 4 H (4289) (UC Approved “e”) Year

Level 4H Japanese curriculum prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate low to intermediate mid range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of the target culture(s) and other cultures. In addition, students develop insight into their own language and culture. Themes may include job applications, holiday traditions, planning a trip, educational systems, and speech styles.

- Prerequisites: Japanese 3 or department approval; grades 9-12
- Homework Expectation: 2 hours per week
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7

AP FRENCH LANGUAGE (4149)  
AP GERMAN LANGUAGE (4249)  
AP JAPANESE LANGUAGE (4290)  
AP MANDARIN CHINESE LANGUAGE (4029)  
AP SPANISH LANGUAGE (4449)

The AP Language and Culture courses provide students with opportunities to demonstrate their proficiency at the intermediate to pre-advanced range in each of the 3 modes of communication on the ACTFL Proficiency Guidelines. Students are expected to: engage in spoken and written interpersonal communication; synthesize information from a variety of authentic audio or audiovisual resources; synthesize information from a variety of authentic written and print resources; plan, produce and present spoken and written presentations. The 6 broad themes of study include beauty and aesthetics, contemporary life, families and communities, global challenges, personal and public identities, science and technology.

- Prerequisites: Level 3 or department approval; grades 11-12
- Homework Expectation: 2.5 hours per week
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7

FRENCH CIVILIZATION & CULTURE H BLC (4154) (UC Approved “e”) Year  
Blended Learning Course

This course provides students with the opportunity to continue to demonstrate their proficiency in French at the Intermediate High to Pre-Advanced range in each of the 3 modes of communication on the ACTFL Proficiency Guidelines. Students analyze the historical, political, and social issues of the French-speaking world using authentic literary texts, films, music, art, and mass media. Students also have the opportunity to explore the wide range of cultures in the world where French is spoken (Europe, Africa, Caribbean islands, Southeast Asia, etc.) Language skills are developed through oral presentations, research projects, and reflections on literary and non-literary texts. Students are encouraged to explore and research in more depth topics of interest to them.

- Prerequisites: French AP Language or department approval; grades 11-12
- Homework Expectation: 2.5 hours per week
- District SLOs Addressed in this Course: 1, 2, 3, 4, 5, 6, 7
The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g. art, film, literary criticism).

- **Prerequisites:** Spanish AP or department approval; grades 11-12
- **Homework Expectation:** 2.5 hours per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7
GENERAL CREDIT COURSES

LIVING SKILLS (8458) (NOT UC Approved) Semester
This course provides students with the skills and knowledge that will help them to make informed and responsible decisions about issues that affect personal health and well-being. Subjects of study include identity, influences, individuality, communication, health, drug and sex education.
This fulfills the high school graduation requirement. 15 hours of community service required.

- **Prerequisites:** None; grades 9-10
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

BLENDED LIVING SKILLS (8439) (NOT UC Approved) Semester
Blended Learning Courses feature instruction delivered in a non traditional schedule as the classes meet one to three times a week and require independent learning by students using Web-based tools, along with check in times with teachers. Classes will meet 2/week.
This course provides students with the skills and knowledge that will help them to make informed and responsible decisions about issues that affect personal health and well-being. Subjects of study include identity, influences, individuality, communication, health, drug and sex education.
This fulfills the high school graduation requirement. 15 hours of community service required.

- **Prerequisites:** None; grades 11-12
- **Homework Expectation:** 1 hour per week
- **District SLOs Addressed in this Course:** 1, 2, 3, 4, 5, 6, 7

BEGINNING JOURNALISM (1457) (NOT UC Approved) Semester 1
Through reading and analyzing professional models of non-fiction writing including news, features, editorials, and reviews, students will learn to plan, write, and revise news stories, profiles, personal experience, observational, and persuasive writing. Students will acquire the skills of fact gathering and note taking through interviews with primary sources and research of secondary sources. This elective course is a prerequisite for Advanced Journalism.

- **Prerequisites:** None; grades 9-12
- **Homework Expectation:** Minimal—most work happens in class
- **District SLOs Addressed in this Course:** 1, 2, 3, 5, 6, 7

SCHOOL SERVICE (8385) (NOT UC Approved) Semester 1
SCHOOL SERVICE (8386) Semester 2
Offers the student an opportunity to give valuable service to the school and gain valuable experience in the process. While students who have some clerical skills are needed, those students who may be thinking of teaching as a career should be most interested. In this program they will be given the opportunity to work with teachers in the classroom and school offices in their particular fields of interest, thus gaining a better understanding of teaching as a career. They will also work with experienced office personnel, helping in the preparation and handling of educational materials. This course may be taken for a semester or a year and is open to students of all grade levels.

- **Prerequisites:** None; open to all grades
- **Homework Expectation:** None
- **District SLOs Addressed in this Course:** 1, 2, 4, 5, 7
FOCUS ON SUCCESS (6688)  (NOT UC Approved)  Year

Focus on Success is an award winning study and life skills elective, designed to support students in their core academic classes through lessons in organization, time management, study skills, goal setting, and healthy lifestyles and by providing homework time and support from tutors.

For more information, talk to your counselor or visit our Web page: https://sites.google.com/a/pausd.org/gunn-fos/

- **Prerequisites:** None; open to all grades
- **Homework Expectation:** None
- **District SLOs Addressed in this Course:** 1, 2, 4, 5, 7

SMALL LEARNING COMMUNITY  (Classes are UC Approved)  Year

- **Biology 1A SLC (3215)**
- **World History SLC (9343)**
- **Contemporary Heritage SLC (9409)**
- **Lit Style SLC (9410)**

Our small learning community is designed for 28 freshmen and will provide a tightly knit community, integrated curriculum, outdoor adventure, and opportunities to grow as leaders.

All students will share some common classes and teachers. The content and standards will be the same as our traditional courses; however, in the small learning community program, the teachers and students will work together to explore common themes and demonstrate their knowledge in some cross-curricular projects.

Students in the Small Learning Community will be enrolled together in the same English, Biology 1A, and history courses which, in addition to the traditional content, will focus on leadership, character, and team building games.

In addition, we will offer our students outdoor adventure trips and leadership training as they do a day field trip to YMCA Ropes Course, Jasper Ridge, Angel Island, and a five-day trip to Yosemite and take part in the Yosemite Institute.

Our theme is “A Sense of Place,” and in our integrated curriculum, students will explore their place in history and in the local and global community. Our small learning community will provide ninth graders with a sense of place at Gunn, as they transition from the middle to the high school.

For more information about this program, please contact a school counselor.

- **Prerequisites:** None; open to 9th grade
- **Homework Expectation:** See individual courses in English, Math, Social Studies and Science
- **District SLOs Addressed in this Course:** See individual courses in English, Math Social Studies and Science.
- **Courses need to be selected as follows:** Biology 1A SLC (3215); World History SLC (9343); Cont. Heritage SLC (9409) and Lit Style SLC (9410)

BLENDED LEARNING COURSES  (See Individual Courses)  Semester/Year

Gunn High School is offering a variety of Blended Learning Courses for juniors and seniors. Blended Learning Courses feature instruction delivered in a non traditional schedule as the classes meet fewer times a week and require independent learning by students using Web-based tools, along with check in times with teachers. Homework expectations do not include independent work time given during the blended release periods.

For 2016-2017, Gunn High School will be offering the following courses as Blended Learning options:
• Advanced Broadcast Video 2 BLC (1044)
• AP Computer Science BLC (2491)
• AP Economics BLC (1821)
• Blended Basic College Skills (1512)
• French Civilization and Culture H BLC (4151)
• Living Skills BLC (8447)
• Philosophy through Literature BLC (1514)
• Programming for Mobile Devices (2492)
• Reading Between the Lines BLC (1521)
• Sports Nutrition (5622)

To learn more about Blended Learning Courses, please see the district’s Web site:
https://www.pausd.org/high-school-education-9-12/blended-learning

• Prerequisites: See individual courses
• Homework Expectation: See individual courses
• District SLOs Addressed in this Course: See individual courses
Special Education classes are offered to students who have an Individualized Education Program (IEP) and who qualify for these classes based on their area of disability, skill level, and demonstrated need. Students with IEP’s are enrolled in special education courses to support their individual needs in accessing the general education curriculum. Special education classes are intended to provide focused, direction instruction for students, to continue addressing their area(s) of need, in order to build necessary skills to access their coursework, gain independence and prepare for life after high school as aligned with their Individual Transition Plans. All modified content courses receive non-college prep (NCP) credit, as noted in each course description.

SKILLS BASED & SUPPORT CLASSES

**ACADEMIC READING (7039)  (NOT UC Approved) Semester**

Academic Reading is a course designed to provide reading intervention that aligns with California State Standards designed to accelerate the reading levels and test scores of struggling readers by directly addressing individual student needs. The course provides differentiated instruction, high-interest fiction and nonfiction reading materials, and direct instruction in reading skills, vocabulary, writing, and grammar.

- **Prerequisites:** None
- **Homework Expectation:** None
- **District SLOs Addressed in this Course:** 1, 3, 4, 6

*Placement in Academic Reading is recommended based on reading scores/level. This course is a Specialized Academic Instruction course and requires a signed IEP delineating it as a direct service. Upon successful completion, students receive 10 units of elective credit.*

**ACADEMIC PLANNING (8308)  (NOT UC Approved) Semester**

This course is designed to provide students with instruction on organizational skills and academic study skills. Students are introduced to the concepts and methods needed to increase study efficiency and improve critical thinking. The course acquaints students with better study habits and the processes and practices of critical thinking. Specific areas that may be covered are listening, textbook reading, time scheduling, prioritizing, note-taking, test-preparation and test-taking strategies, project and paper development, library skills, basic study systems improvement, memory processes and strategies, and models of critical thinking. The course is designed to improve students’ knowledge and application of effective study and cognitive/thinking strategies so they can succeed in college and in any other environment.

- **Prerequisites:** None
- **Homework Expectation:** None
- **District SLOs Addressed in this Course:** 1, 3, 4, 6

*Placement in Academic Planning is recommended based on student need for specialized support. This course is a Specialized Academic Instruction course and requires a signed IEP delineating it as a direct service. Upon successful completion, students receive 10 units of elective credit.*

**ACADEMIC WRITING (7069)  (NOT UC Approved) Semester**

This course gives students the opportunity to develop their academic writing skills. Students receive instruction in generating and developing effectively written sentences, paragraphs, and essays. They review basic grammar principles to develop sentence correctness and practice skills in expanding and clarifying sentence and paragraph content. A strong emphasis on planning, writing, and revising of assignments will be a key component of instruction. A combination of individualized and group instruction in a classroom or workshop setting will be used.
Students receive additional help writing for required English courses and more time to develop the skills they need to perform well in high school and prepare for college.

- Prerequisites: None
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 3, 4, 6

Placement in Academic Writing is recommended based on student need for specialized support in the academic area of writing. This course is a Specialized Academic Instruction course and requires a signed IEP delineating it as a direct service. Upon successful completion, students receive 10 units of elective credit. This course must be taken concurrently with a general education English course.

ACADEMIC MATH (7069) (NOT UC Approved) Semester

This course will help students prepare for introductory algebra by strengthening their understanding of essential algebra pre-requisites. The course will cover: arithmetic operations using fractions, decimals and integers; proportional reasoning using ratios and percents; solutions of linear equations; equivalent expressions; the distributive property; and graphs of linear functions. Students will investigate problems using tables, graphs, and equations in order to make connections between the three representations.

- Prerequisites: None
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 3, 4, 6

Placement in Academic Math is recommended based on student need for specialized support in the academic area of math. This course is a Specialized Academic Instruction course and requires a signed IEP delineating it as a direct service. Upon successful completion, students receive 10 units of elective credit. This course should be taken concurrently with a general education math course.

SPECIALIZED PROGRAMS

ACADEMIC COMMUNICATION (7070) (NOT UC Approved) Year

Academic Communication is a course that addresses social learning needs. The main goals of the courses in Academic Communication include: development of personal problem solving, communication skills, perspective taking, a solid understanding of social thinking, flexibility and independence.

Academic Communication 1: This course addresses the social learning needs of students with deficits in the area of social cognition. Students receive direct instruction in the area of effective social communication strategies such as perspective taking, problem solving, and communication skills. Students explore how emotions affect them in everyday situations. The Mental Health Therapist and Speech and Language Therapist deliver lessons weekly in this class and provide additional support to students as needed.

Academic Communication 2/3: This course provides direct instruction on career and college related skills as well as financial skills including budgeting. The course focuses on addressing social cognitive deficits that are directly related to getting and maintaining employment and daily living skills. Vocational opportunities are provided for exploration. The Mental Health Therapist and Speech and Language Therapist deliver lessons weekly in this class and provide additional support to students as needed.

- Prerequisites: None
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 3, 4, 6

This course is a Specialized Academic Instruction course and requires a signed IEP delineating it as a direct service. Upon successful completion, students receive 10 units of elective credit. This course should be taken concurrently with a general education math course.
THERAPEUTIC ELECTIVE CLASS (7078)

The Therapeutic Elective Class (TEC) serves students who require regular therapeutic interventions in order to access their educational programs. The class includes academic instruction and therapeutic support. This class is co-taught by a special education teacher and a mental health therapist. Group therapy services are embedded into the class with individual therapy services available for students who qualify. This class is designed to teach students how to effectively and safely regulate their emotions with a goal of being able to successfully transition out of the class after one year.

Referral process, assessments, and IEP documentation required: In order for a student to be eligible for the TEC class, the case manager must submit a TEC referral form. The therapist may conduct an assessment and an IEP meeting will be held to discuss assessment results and recommendations.

- Prerequisites: None
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 3, 4, 6

This course is a Specialized Academic Instruction course and requires a signed IEP delineating it as a direct service. Upon successful completion, students receive 10 units of elective credit. This course should be taken concurrently with a general education math course.

CAREERS CLASS (7082)

This course is designed to assist students with identifying their strengths, weaknesses, and interest while learning about a wide variety of careers. Students will complete several different career interest inventories and self-assessments in order to identify where their individual strengths and interest intersect. Students will explore different career options and conduct research on those that interest them most. Through this research, students will investigate what educational prerequisites and/or vocational experience is required to enter their field of choice. Students will also work toward job placement/internship experiences.

- Prerequisites: None
- Homework Expectation: None
- District SLOs Addressed in this Course: 1, 3, 4, 6

This course is open to 10th, 11th, and 12th grade students. Students receive elective credit for this course with a letter grade. This course is a Specialized Academic Instruction course and requires a signed IEP delineating it as a direct service.
ENGLISH LANGUAGE LEARNERS (ELL)

The English Language Learners (ELL) program (formerly called English as a Second Language, or ESL) offers individual and group instruction to meet the needs of international students with limited English proficiency. We prepare students for College Prep classes by providing an extensive program of English instruction on three levels (beginning, intermediate, and advanced). For the students with beginning English proficiency we offer individual tutoring in a student’s primary language to ensure access to the core curriculum.

In addition, we offer ELL Social Studies courses which are taught by teachers in the Social Studies Department and are open to international students. The University of California grants admission credit for all of the ELL social studies courses and for one year of advanced ELL (English LL28).

Because our international students contribute a welcome diversity to our campus, we encourage them to participate in school activities and clubs, so they can experience the social life of an American high school. This not only promotes cross-cultural understanding, but also helps young people maintain a positive self-concept.

If international students are at the beginning or intermediate levels in English proficiency (that is, if they do not speak, read, and write in fluent English), and if they plan to earn a diploma of graduation, we urge them to enroll in the ELL program at Gunn High School.

**EL 1 – (2 periods) (8761)**  
(NOT UC Approved)  
Year

This course satisfies the state and district requirements for graduation. It offers individual and group instruction to prepare students for the intermediate and advanced levels of ELL. The course content includes beginning grammar, reading skills and basic vocabulary. Emphasis is placed on speaking, reading, listening, and writing in both formal and informal English. Methods and materials suitable for beginning language learners are used.

- **Prerequisites:** None; open to all grade levels
- **Homework Expectation:** 2-2 ½ hours weekly
- **District SLOs Addressed in this Course:** 2, 5, 6
- **This course is two periods**

**EL 2 – (2 periods) (8762)**  
(NOT UC Approved)  
Year

This course satisfies the state and district requirements for graduation. It offers individual and group instruction to prepare students for the advanced level of ELL. It intensifies and expands the course content of English LL 1 by focusing on the fundamentals of grammar, spelling and punctuation, listening and reading comprehension, vocabulary development, and writing sentences using American idioms. Descriptive and academic paragraph writing is emphasized in the second semester. Methods and materials suitable for intermediate language learners are used. The course includes an individual reading program with weekly discussions in small groups.

- **Prerequisites:** None; open to all grade levels
- **Homework Expectation:** 2-2 ½ hours weekly
- **District SLOs Addressed in this Course:** 2, 5, 6
- **This course is two periods**

**EL 28 (8768)**  
(UC Approved “b”)  
Year

This course satisfies the state and district requirements for graduation. The course focuses on developing spoken, written, and interpretive communication based on a variety of texts organized by themes, and essential questions. The course includes an individual reading program with weekly meetings in small discussion groups. Grammar concepts, development of academic vocabulary, and essay writing techniques are also covered. In addition, the course participants can work individually on a structured vocabulary mastery program overseen by the instructor.

- **Prerequisites:** None; open to all grade levels
- **Homework Expectation:** 3 hours weekly
- **District SLOs Addressed in this Course:** 2, 5, 6
INTERMEDIATE COMPOSITION (1328)  
(UC Approved “b”)  
Year

This is a required one-year transition class for English Learners wanting to move from EL English classes to mainstream English classes, and satisfies state and district graduation requirements. The course integrates reading, writing, listening, and speaking skills around short readings in fiction and non-fiction. Students learn key vocabulary and write responses to reading that connect the reading to the theme and essential question of each unit. Advanced grammar and college-prep essay writing techniques are also covered.

- Prerequisites: None; open to all grade levels
- Homework Expectation: 3 hours weekly
- District SLOs Addressed in this Course: 2, 5, 6

CONTEMPORARY WORLD HISTORY ELL (8778)  
(UC Approved “a”)  
Semester

This course satisfies the state and district requirements for graduation. It continues the World History sequence with a study of the history and cultures of Asia, the Middle East, Africa, Latin America, and Eastern Europe, with emphasis on the inter-relationships among these nations and cultures.

- Prerequisites: None; open to all grade levels
- Homework Expectation: 3 hours weekly
- District SLOs Addressed in this Course: 1, 2, 3, 5, 6
- This course is required

US GOVERNMENT ELL (8781)  
(UC Approved “a”)  
Semester

This course satisfies the state and district requirement for graduation. It includes information on the U.S. Constitution and on the structure and operation of the American government at the local, state, and national levels. It also provides insights into American politics and political values. Discussion skills are emphasized, as well as reading newspapers and expressing opinions on legislative matters. Active participation in local community service is encouraged.

- Prerequisites: None; open to all grade levels
- Homework Expectation: 3 hours weekly
- District SLOs Addressed in this Course: 1, 2, 3, 5
- This course is required

WORLD HISTORY ELL (8781)  
(UC Approved “a”)  
Year

This course satisfies the state and district requirements for graduation. It includes the major historical eras of world history, from the Age of Enlightenment to an introduction to the Cold War. Emphasis is placed on the interrelationships among nations and cultures, as well as the major themes in history.

- Prerequisites: None; open to all grade levels
- Homework Expectation: 2 hours weekly
- District SLOs Addressed in this Course: 1, 2, 3, 5
- This course is required
TIME MANAGEMENT

The number of hours you spend on certain tasks can be surprising, especially when you begin to compare the totals. Do you spend almost as much time doing extracurricular activities as you do academics? Do you sleep—at all? Are most of your meals eaten on the run? Do you wish you had more free time? As you begin to evaluate your current time expenditures, consider some of the points below.

Academics

When planning your academic time ask yourself...

- How are you doing academically? Are you happy with your progress or do you feel you need to put more time into your work? Do you need more time for studying, assignments or both?
- Which subjects are more challenging for you and require more of your time? Would it be helpful to seek help in the AC and/or Library?
- Are you able to complete assignments on time? Do you have to stay up very late the night before an assignment is due to finish?
- How often do you find yourself procrastinating on assignments? Do you need to work on using the academic time you have more effectively?
- Do you currently use weekend time to study and do assignments?
- Do you sometimes feel overwhelmed by the amount of work you have to do?
- Do you usually study more than 2 days in advance of an exam? Are you able to prepare adequately for tests?

Extracurricular Activities

Finding the right balance between academics and extracurricular activities can be difficult. A commitment made to an activity at the start of the year might not be easy to continue if classes become consuming.

When planning your extracurricular time ask yourself...

- Which of your extracurricular activities is most important to you? Why?
- Which of these activities help you to relax? Which help you to relieve or work off stress?
- Does your enthusiasm sometimes lead you to overcommitting to activities, clubs, sports, etc.?
- Have your extracurricular commitments ever adversely affected your academics? Are they adversely affecting your academics now?
- Which do you enjoy more: well-structured activities with meeting times and established goals or independent activities that you pursue at your own pace?
- Which of your extracurricular activities could you pursue in other ways? Are there more flexible ways to participate in the same activity?

Sleep

Students love to sleep; yet it is the first thing they give up when pressed for time. Not only is sleep necessary for your physical and mental well-being, you will simply not be about to concentrate well if you are tired, distracted and mentally run down. You will spend more time on assignments, learn appreciably less and be vulnerable to making obvious mistakes on exams and projects. Although it might feel as though you are doing more by sleeping less, the habit isn’t sustainable, so sleep well and often, and consider it an investment.

When planning for sleep time ask yourself...

- How many hours of sleep per night are ideal for you? How many hours of sleep do you need to wake up feeling rested and refreshed, but not groggy?
• Between which hours of the day are you most comfortable sleeping?
• Do you feel that you get enough sleep now?
• When you run short of time on assignments, do you sacrifice sleep to make up the balance?
• Do you often feel tired or lethargic in class, especially in the morning?
• Do you sometimes have difficulty concentrating in class and/or have headaches due to fatigue?
• Do you occasionally fall asleep in class?
• Do you often wish for (or take) a nap during the day?
• Are you able to get out of bed when the alarm clock rings the first time?

**Meals**
Eating is just as important as sleeping for all the same reasons. Always eat something in the morning, even if it is just a breakfast bar on the way to class. Plan to make sit-down time for lunch and dinner—not only because you need the fuel, but because you need physical, mental and emotional breaks in your day. Meals can rejuvenate you on all of these levels. Relax, eat well and *enjoy yourself.*

*When planning for meal time ask yourself...*
• Do you make a point of eating regularly and well? Although you can’t always have a healthy, well-balanced meal, do you usually try to make health-conscious decisions?
• Do you occasionally skip meals? How do you feel when you do?
• Does being hungry sometimes distract you in class?

**Free Time!**
At last! Are you surprised at the amount of free time that you have? Is it too much or too little? Do you prefer your days to be more flexible and spontaneous or packed and busy? The amount of free time that you have at the start of the year might diminish as you find fun things to do and your academics gain momentum. Again a conservative approach is often best: Leave yourself some space to unwind and relax every day, and extra time to handle the unexpected—whether it is a difficult assignment or going out with friends.

*When planning for free time ask yourself...*
• Which of your free time activities are most important to you? Which could you give up if you wanted or needed to spend time on other things?
• Which of these activities help you to relax? Which help you to relieve or work off stress?
• Do you occasionally find yourself procrastinating by overindulging in one of these activities? Do you need to be more disciplined about limiting these activities?
• Is there something that you would really like to do or try, but you never seem to have the time? Could you fit it in by reprioritizing your other tasks?

*Adapted from MIT Learning Module, Time Management and Organization*