SFUSD Course Catalog

2011 – 2012
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SFUSD Overview

Vision
Every student who enrolls in our schools will graduate from high school prepared for the option of enrolling in a four-year college or university, pursuing a successful career, and living a healthy life.

Mission
The mission of the San Francisco Unified School District is to provide each student with an equal opportunity to succeed by promoting intellectual growth, creativity, self-discipline, cultural and linguistic sensitivity, democratic responsibility, economic competence, and physical and mental health so that each student can achieve his or her maximum potential.

Goals
To achieve the District Mission, the Board of Education has adopted the following goals:

- Access & Equity – Make social justice a reality
- Student Achievement – Engage high achieving and joyful learners
- Accountability – Keep our promises to students and families

Our students will have the confidence, competence, and information needed to make positive choices for their future and will have demonstrated strength and competence in all areas needed for full participation in the 21st century economic, political, cultural, and intellectual life of our nation and global society.

These areas include:

- Academic competency
- Multilingual and cross-cultural competency
- Technological literacy
- Communication skills
- Aesthetic sensibility
- Critical and creative thinking, reasoning and solution seeking
- Social, environmental, and civic responsibility
- Strength of character
Introduction
The intent of this guide is to provide information regarding SFUSD high school graduation requirements, University of California entrance requirements, the list of courses offered to high school students in core disciplines, and the description of these courses. The guide has been developed to assist counselors, teachers, and students as they make choices in course selections to meet high school graduation and college entrance requirements.

The courses listed in this guide meet specific San Francisco Unified School District graduation requirements in the following disciplines: English, mathematics, science, history/social science, world languages, visual and performing arts, health education, physical education, driver education and electives. In addition to these courses, District high schools offer specialized courses, project-based activities, and field experiences to meet the special needs of students.

Course Selection
In selecting courses for each school year, students and families should review student transcripts and complete or revise the students’ four-year educational plan. Students must complete all SFUSD graduation requirements. In addition, they should select courses that support their college and career plans. The course descriptions contained in this catalog will help students and their families understand what each course offers and will assist them in making their final selections for registration. Not all courses are offered in every high school. Courses are usually offered at a site when there is enough student interest.

High School Report Cards
There are 18 weeks in a semester. If a particular school is on a 6-week reporting period, a report card will be mailed to the student’s home after the 6th week, the 12th week, and the 18th week (final report). If the school is on 9-week reporting period, the report card will be mailed to the student’s home after the 9th week and the 18th week (final report). The final grades are the ones that are posted on the student’s permanent record, or transcript, and determine the grade point average for the semester.

A student earns 5 credits for every course that he/she completes with a grade of “D” or better provided s/he attended the full semester or transferred to the new school with “grades in progress” from the former school. While “D” grades are valid towards graduation, they are not accepted by the UC system.

SFUSD uses letter grades as follows:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Percentage</th>
<th>Grade Point Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 - 100%</td>
<td>4.00</td>
</tr>
<tr>
<td>B</td>
<td>80 - &lt;90%</td>
<td>3.00</td>
</tr>
<tr>
<td>C</td>
<td>70 - &lt;80%</td>
<td>2.00</td>
</tr>
<tr>
<td>D</td>
<td>60 - &lt;70%</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>0 - &lt;60%</td>
<td>0.00</td>
</tr>
</tbody>
</table>

The letter grade for each class has the grade point equivalent assigned as per the above chart. At the end of the semester, a Grade Point Average (GPA) is automatically calculated for each student by multiplying the grade points by the number of credits attempted for the course, totaling the grade
points, and dividing by the total number of credits attempted.

**High School Graduation Requirements**
High school students must meet the following requirements in order to graduate:

- 230 credits in required subjects (a semester course equal 5 credits, each course equals 10 credits for an academic year)
- passage of the California High School Exit Exam (CAHSEE) in both math and English language arts

Alternatives to a high school diploma are also available.

**Credits and Courses**
In June 2010, the Board of Education adopted a new graduation policy to include the A-G course sequence in the graduation requirements, beginning with the graduating Class of 2014.

Students graduating prior to 2014, please see page 6 for complete graduation requirements. Students graduating in 2014 and beyond, please see page 7 for complete graduation requirements.

**California High School Exit Exam (CAHSEE)**
Students must successfully pass CAHSEE to receive a high school diploma. Students must earn a scale score of 350 or higher on each part of the CAHSEE (English/Language Arts and Mathematics) in order to pass the exam. The CAHSEE will be administered at the school site during regular school hours. As required by state law, Grade 10 students may take the CAHSEE only during the Spring administration. Grade 10 students who do not pass the exam will have several opportunities in Grades 11 and 12 to retake the part(s) not passed.

**Alternatives to High School Diploma**

**Certificate of Completion:** Students who have passed all of the District’s course and credit requirements by the end of their senior year but are unable to pass the CAHSEE may receive a Certificate of Completion from the District, if they have taken advantage of the supplemental interventions offered at their school site to pass the CAHSEE, and have taken the February CAHSEE. This certificate will acknowledge the student’s completion of SFUSD credit and course requirements, but is not the equivalent of a high school diploma.

In order to receive such a certificate, the student and parent/guardian must sign an acknowledgment that the Certificate of Completion is not a high school diploma, and is not the equivalent of a high school diploma. The acknowledgment shall also inform students and parents of the options available to obtain a diploma or a diploma equivalent.

**Document of Educational Achievement:**
Instead of a diploma, a student with disabilities may be awarded a document of educational achievement if the student has met one of the following requirements:

- satisfactorily completed a prescribed alternative course of study approved by the governing board of the District in which the student attended school or the District with jurisdiction over the student as identified in his/her IEP,
- satisfactorily met his/her goals and objectives during high school as identified in his/her IEP,
• satisfactorily attended high school,
• participated in the instruction as prescribed in his/her IEP, and met the objectives of the statement of transition services.

High School Graduation Requirements – Credits and Courses
(for Classes Graduating Before 2014)

In order to obtain a high school diploma, a student must complete the credits and courses required by the San Francisco Unified School District, and must pass the California High School Exit Exam (CAHSEE).

Credits and Courses
Graduation from the San Francisco Unified School District will require the successful completion of at least 230 credits, regardless of when a student first entered ninth grade or where a student began ninth grade study. The 230 credits are usually accumulated at the rate of 30 per semester; 60 per school year in grades 9, 10, 11 and 12. These credits may be earned in the classroom or through other supervised activity, as outlined in District Administrative Regulations.

The following are required courses that must be completed successfully (earning a passing grade of “D” or higher) to graduate:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>40</td>
</tr>
<tr>
<td>History/Social Science</td>
<td>30</td>
</tr>
<tr>
<td>Mathematics (College Prep.)</td>
<td>20</td>
</tr>
<tr>
<td>Science (College Prep. – 1 year each of life science and physical science)</td>
<td>20</td>
</tr>
<tr>
<td>Mathematics or Science (College Prep. – 1 additional year of either)</td>
<td>10</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>10</td>
</tr>
<tr>
<td>World/Foreign Language*</td>
<td>10</td>
</tr>
<tr>
<td>Physical Education*</td>
<td>20</td>
</tr>
<tr>
<td>Health Education (incl. CPR/First Aid)</td>
<td>5</td>
</tr>
<tr>
<td>College and Career Planning</td>
<td>2.5</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>62.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>230</strong></td>
</tr>
</tbody>
</table>

*Notes:
1. World/Foreign Language Requirement for LEP students: It is the Board’s intent that the units will be accumulated for the same foreign language. Using the California State Model Curriculum Standard for Foreign Language as the criteria, the Board of Education policy on the foreign language graduation requirement exempts limited-English proficient students who can demonstrate proficiency in their primary language equal to or exceeding what is expected of students after two years of classroom foreign language study. The purpose of this exemption is to provide secondary LEP students the opportunity to take additional English courses and to give recognition to the primary language skills that they have already acquired. In no way is the intent of the exemption to discourage LEP students from taking foreign language courses. All students planning to attend college should investigate the foreign language requirement.

2. High School Credit for Private School Foreign Language Instruction: Students studying a foreign language in a private school at the same time they are enrolled in a district high school may qualify to receive high school course credit for their foreign language instruction. Up to 20 credits, at a maximum of 10 credits per year, will be granted to students who meet the criteria listed in the district policy. See your high school counselor for more information within 30 days after the start of the semester.

3. Physical Education: Students must pass the swimming proficiency test as part of the PE requirement.

4. Concurrent credit for community college courses taken by high school students: High school students may receive high school credit for community college classes unless the same college class is offered at the high school. In this particular situation, the student will only receive community college credits. Consult your high school counselor for details.
New High School Graduation Requirements – Credits and Courses  
(for the Class of 2014 and Beyond)

The Board of Education adopted policy to include the A-G course sequence in the graduation requirements for all students, beginning with the graduating Class of 2014.

The Board of Education remains committed to the promotion of a college-going culture by providing access to a rigorous curriculum for all students in SFUSD.

Commencing with Fall 2010’s incoming 9th grade class, the graduating Class of 2014, the prescribed course of study shall include the credit and course requirements described below. There are three credit and course plans. These are: Plan A (All Students); Plan E (Foreign Born Students Age 15 Or Older Without Accessible Records); and Plan F (Foster Students Transferring to District in Grades 11 or 12). In order to obtain a high school diploma, a student must complete the credits and courses required by SFUSD, and must pass the California High School Exit Exam (CAHSEE).

Students must complete the minimum number of courses in the subjects specified, each course having duration of one year, unless otherwise specified. These credits may be achieved through traditional classes or alternative means such as dual enrollment in a community college, approved on line courses, summer school, adult education, approved work experience, proficiency tests, and other SFUSD or accredited institutions. The requirements to obtain credit through these alternative means shall be outlined in an Administrative Regulation approved by the Superintendent.

**Plan A: All Students**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Semesters</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. History/Social Science</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>b. College Preparatory English</td>
<td>8</td>
<td>40</td>
</tr>
<tr>
<td>c. Mathematics (Including Algebra, Geometry, and Intermediate Algebra.)</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>d. Laboratory Science (One year each from biological and physical sciences. A third year of science is recommended by UC.)</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>e. World Languages (Two years of the same language other than English required.)</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>*See Additional Notes at the end of this Section.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Visual and Performing Arts (Dance, Drama/Theater, Music or Visual Art.)</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>Physical Education *See Additional Notes at the end of this Section.</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>Health Education</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>College &amp; Career Course</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>g. Electives (At least 2 semesters or 10 credits of electives must be a-g approved courses as required by the University of California and California State University System.)</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total Credits Required</strong></td>
<td></td>
<td><strong>230</strong></td>
</tr>
</tbody>
</table>

**Students with disabilities** intending to earn a regular high school diploma must complete the District’s credit and course requirements. Students with disabilities may receive accommodations and/or modifications in these required courses, as specified in the IEP or 504 Plan.
Plan E: Foreign Born Students 15 or Older With No Accessible Records

Foreign born students who enter the District without accessible records and who are at least 15 years of age by December 2\textsuperscript{nd} of their entering year will be placed in the 10\textsuperscript{th} grade. Students in this category may obtain a diploma by meeting the following course and credit requirements:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Semesters</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. English (3 years)</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>c. Mathematics (Including Algebra, Geometry, and Advance Algebra)</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>d. Laboratory Science (One year each from biological and physical sciences. A third year of science is recommended by UC.)</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>e. World Languages (Two years of the same language other than English required.) *See Additional Notes at the end of this Section.</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>f. Visual and Performing Arts (Dance, Drama/Theater, Music or Visual Art.)</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>Physical Education *See Additional Notes at the end of this Section.</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>Health Education</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>College &amp; Career Course</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>g. Electives (At least 2 semesters or 10 credits must be a-g approved courses as required by the University of California and California State University System.)</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>180</strong></td>
</tr>
</tbody>
</table>

Requirement to Sign a Waiver: In order to utilize Plan E, the eligible student and the parent/guardian must sign a written waiver to acknowledge that Plan E does not satisfy A-G requirements, and may affect the pupil’s ability to gain admission to a post-secondary institution. The student shall also receive information about transfer opportunities available through the California Community Colleges. The counseling and waiver process for utilizing Plan E shall be further outlined in an Administrative Regulation approved by the Superintendent. Students who are 14 by December 2\textsuperscript{nd} of their entering year will be placed in 9\textsuperscript{th} grade, and will be required to meet Plan A graduation requirements. Students with less than 8 years of schooling will be placed in the 9\textsuperscript{th} grade.
Plan F: Foster Care Students Transferring into District in Grades 11 or 12

Foster Care students that transfer into the district in Grades 11 or 12 from another school district or between high schools within the district, are not required to complete courses beyond state requirements, unless the district makes a finding that the pupil is reasonably able to complete the additional requirements in time to graduate from high school while he or she remains eligible for foster care benefits pursuant to state law.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Semesters</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. History/Social Studies (3 years)</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>b. English (3 years)</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>c. Mathematics (2 years including Algebra 1)</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>d. Science (2 years including biological and physical sciences)</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>e. Visual and Performing Arts or World Language (1 year) *</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>f. Physical Education (2 years) **</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total Credits Required</strong></td>
<td></td>
<td>130</td>
</tr>
</tbody>
</table>

Requirement to Sign a Waiver: In order to utilize Plan F, an eligible student (and, as appropriate, the person holding the right to make educational decisions for the pupil) must sign a written waiver to acknowledge that Plan F does not satisfy A-G requirements, and may affect the pupil’s ability to gain admission to a post-secondary institution. The student shall also receive information about transfer opportunities available through the California Community Colleges. The counseling and waiver process for utilizing Plan F shall be further outlined in an Administrative Regulation approved by the Superintendent.

*World Language

- An approved course in American Sign Language shall be deemed as meeting this requirement.
- Students studying a World Language in a private school at the same time they are enrolled in a district high school may qualify to receive high school course credit for their instruction. Up to 20 credits, at a maximum of 10 credits per year, will be granted to students who meet the criteria listed in the Administrative Regulation regarding alternative means for meeting credit and course requirements.
- English Learner (EL) students who can demonstrate proficiency in their primary language that is equal to or exceeding what is expected of students after two years of classroom World Language study may be exempted from the World Language requirement. The purpose of this exemption is to provide secondary EL students the opportunity to take additional ELD courses and to give recognition to the primary language skills that they have already acquired. In no way is the intent of the exemption to discourage English Learner students from taking World Language courses. All students planning to attend college should investigate the foreign language requirement.

**Physical Education

- Students must pass 5 of 6 sections of the Fitnessgram by the end of 10th grade to be eligible for a 2 year waiver in Physical Education. Students who fail to pass the Fitnessgram by the end of 10th grade will be required to re-enroll in PE until s/he passes the Fitnessgram. Failure to pass the Fitnessgram is not grounds for withholding a diploma.
- Swimming proficiency test: It is recommended that each student pass the SFUSD Swimming Proficiency test.
California State University and
University of California Admission Requirements

Students applying for admission to a California State University (CSU) or University of California (UC) campus must complete the 15 units of high school coursework listed below (one unit equals two semesters or one academic year of study). Students who complete the NEW High School Graduation Requirements (for Class of 2014 and beyond) AND receive a C in these classes will be UC/CSU eligible.

Be advised that as of September 2010, all high school courses should satisfy this requirement. Every SFUSD high school has a list of eligible CSU and UC courses; students should consult the school counselor for verification or www.ucop.edu/doorways/.

A-G Subject Requirements

a. **History/Social Science**: 2 years required
   Two years of history/social science, including one year of world history, cultures and geography; and one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government.

b. **English**: 4 years required
   Four years of college preparatory English that include frequent and regular writing, and reading of classic and modern literature. Not more than two semesters of ninth-grade English can be used to meet this requirement.

c. **Mathematics**: 3 years required (4 years recommended for UC)
   Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades that your high school accepts.

d. **Laboratory Science**: 2 years required (3 years recommended for UC)
   Two years of lab science providing fundamental knowledge in two of these three core disciplines: biology (which includes anatomy, physiology, marine biology, aquatic biology, etc.), chemistry and physics. The final two years of an approved three-year integrated science program may be used to fulfill this requirement. Not more than one year of ninth-grade laboratory science can be used to meet this requirement.

e. **Language Other Than English**: 2 years required (3 years recommended for UC)
   Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition, and culture. Courses in a language other than English taken in the seventh and eighth grade may be used to fulfill this requirement if your high school accepts them as equivalent to its own courses.
f. **Visual and Performing Arts (VAPA):** 1 year required

One year of visual and performing arts chosen from the following: dance, drama/theater, music or visual art.

g. **College Preparatory Electives:** 1 year required

Two additional semesters from: visual and performing arts (non-introductory level courses), history, social science, English, advanced mathematics, laboratory science, and language other than English (a third year in the language used for the e requirement or two years of another language).

**Honors Courses**

Honors courses provide an in-depth program with focus on critical thinking skills at the highest levels. More outside work is required as compared to the regular high school course. These courses are designed to prepare the student for more rigorous Advanced Placement courses; because of the high caliber of curriculum, these courses are awarded additional weight in the Academic GPA. Only UC/CSU approved 11th and 12th grade curricula is eligible for additional weight.

**Advanced Placement (AP)**

Advanced Placement courses expose high school students to college-level material. Students may study challenging subjects of interest in a variety of areas depending on school site offerings. Students may enroll in an AP course if they meet the prerequisite courses and choose to participate in this advanced course of study. Students who attain acceptable scores on the exams (score of 3, 4, or 5) may qualify for college credits, Advanced Placement, or exemption from certain courses. Because of the high caliber of curriculum, these courses are awarded additional academic weight in the Academic GPA. State funds are available to cover the costs of AP examination fees. See page 103 for a listing of current AP offerings at SFUSD school sites.
**SFUSD High School Six Year Plan – Total Credits Required to Graduate: 230**

**Student Name ________________________________**

<table>
<thead>
<tr>
<th>SUBJECTS (a-g)</th>
<th>History/ Soc. Sci. (a)</th>
<th>English (b)</th>
<th>Math (c)</th>
<th>Lab Science (d)</th>
<th>World Lang. (e)</th>
<th>Vis. &amp; Perf. Art (f)</th>
<th>Physical Ed.</th>
<th>Health Ed.</th>
<th>College &amp; Career Course</th>
<th>Electives (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30 credits</td>
<td>40 credits</td>
<td>30 credits</td>
<td>20 credits</td>
<td>20 credits</td>
<td>10 credits</td>
<td>20 credits</td>
<td>5 credits</td>
<td>5 credits</td>
<td>50 credits</td>
</tr>
<tr>
<td>CSU/UC Req. +</td>
<td>2 years</td>
<td>4 years</td>
<td>3 years; 3 preferred</td>
<td>2 years; 3 preferred</td>
<td>1 year</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>1 year</td>
</tr>
</tbody>
</table>

+ To be eligible, students must earn a C grade or more in all approved classes and take college entrance tests.

- Biology and Chemistry or Physics
- Same language

<table>
<thead>
<tr>
<th>Freshman</th>
<th>9th Eng</th>
<th>Algebra</th>
<th>Physics</th>
<th>PE 1</th>
<th>Health</th>
<th>C&amp;C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sophomore</td>
<td>World Hist</td>
<td>10th Eng</td>
<td>Geometry</td>
<td>LOTE 1</td>
<td>VAPA 1</td>
<td>PE 2</td>
</tr>
<tr>
<td>Junior</td>
<td>US Hist</td>
<td>Amer Lit</td>
<td>Adv Alg</td>
<td>Biology</td>
<td>LOTE 2</td>
<td></td>
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<tr>
<td>Senior</td>
<td>Econ/AmtDent</td>
<td>Euro Lit</td>
<td>Pre-Calc</td>
<td>Chemistry</td>
<td></td>
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<tr>
<td>First Year Post Grad</td>
<td></td>
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<tr>
<td>Second Year Post Grad</td>
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</tbody>
</table>

**Comments:** ____________________________________________________________________________________________

**Dates Reviewed:** _________________________________________________________________________________________
### Social Studies “A”

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>American Democracy</td>
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<tr>
<td>American Democracy Honors</td>
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*To receive an additional point for UC/CSU consideration, Honors course curriculum must be designed for 11th or 12th grade. This course does not meet the criteria; it is taught as an Honors course but does not receive additional points.
**Course: AMERICAN DEMOCRACY**

Description: American Democracy is a one-semester course that develops an understanding of the institutions of American government, including the founding principles established in the Constitution; the relationship between citizens and the government; the nature of civil society in a democracy; the three branches of government and the checks and balances between them; the relationships between federal, state, and local governments; landmark Supreme Court decisions that have shaped these principles and institutions; the nature of electoral contests; and the role of communications media in civic life.

Grade Level: 12

Pre-Requisites: None

A-G status: A

Course Code: 1590, 1594, 1599, 1600, 1601, 1602, 8716, 8766, 8816, 8916

**Course: AMERICAN DEMOCRACY HONORS**

Description: American Democracy is a one-semester course that develops an understanding of the institutions of American government, including the founding principles established in the Constitution; the relationship between citizens and the government; the nature of civil society in a democracy; the three branches of government and the checks and balances between them; the relationships between federal, state, and local governments; landmark Supreme Court decisions that have shaped these principles and institutions; the nature of electoral contests; and the role of communications media in civic life. Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors students will meet the academic standards while learning to think in deeper and more complex ways.

Grade Level: 12

Pre-Requisites: None

A-G status: A

Course Code: 1591, 1592, 1593, 1604, 1605

**Course: ADVANCED PLACEMENT EUROPEAN HISTORY**

Description: The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. This course prepares students to take the AP exam.

Grade Level: 11-12
Pre-Requisites: Teacher Approval
A-G status: A
Course Code: 1728, 1729, 1731, 1732

**Course: ADVANCED PLACEMENT GOVERNMENT & POLITICS - COMPARATIVE**
Description: The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. Careful comparison of political systems produces useful knowledge about the policies countries have effectively initiated to address problems, or, indeed, what they have done to make things worse. We can compare the effectiveness of policy approaches to poverty or overpopulation by examining how different countries solve similar problems. Furthermore, by comparing the political institutions and practices of wealthy and poor countries, we can begin to understand the political consequences of economic wellbeing. Finally, comparison assists explanation. In addition to covering the major concepts that are used to organize and interpret what we know about political phenomena and relationships, the course should cover specific countries and their governments. Six countries form the core of the AP Comparative Government and Politics course. China, Great Britain, Mexico, Nigeria, and Russia are all regularly covered in college-level introductory comparative politics courses. The inclusion of Iran adds a political system from a very important region of the world and one that is subject to distinctive political and cultural dynamics. This course prepares students to take the AP exam.
Grade Level: 11-12
Pre-Requisites: Teacher Approval
A-G status: A
Course Code: 1587, 1588

**Course: ADVANCED PLACEMENT GOVERNMENT & POLITICS - U.S.**
Description: The AP Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. The course focuses on six topics in political science: the fundamental concepts of government expressed in the United States Constitution; political beliefs and behaviors; political parties, interest groups, and the mass media; institutions of national government, including the Presidency, Congress, federal courts and the federal bureaucracy; public policy; and civil rights and civil liberties. Analytical and writing skills are emphasized. This course prepares students to take the AP exam.
Grade Level: 11-12
Pre-Requisites: Teacher Approval
A-G status: A
Course Code: 1585, 1586, 1596, 1586, 1596
Course: ADVANCED PLACEMENT HUMAN GEOGRAPHY 1/2
Description: The Advanced Placement course in Human Geography introduces students to the study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its effects on the environment. They also learn about the methods and tools geographers use to study the interactions between people and the environment. This course prepares students to take the AP exam.
Grade Level: 11-12
Pre-Requisites: None
A-G status: A
Course Code: 1683, 1684

Course: ADVANCED PLACEMENT UNITED STATES HISTORY 1/2
Description: An in-depth study of American history from the beginning of European exploration to the present. Political institutions and social change are major topics, but international relations, economic history and intellectual history are also included. The Advanced Placement exam includes written analysis of primary source documents. The Advanced Placement United States History course provides students the knowledge and analytical skills necessary to critically assess events and issues in United States history. Students learn to analyze historical documents including their relevance to a particular issue, their reliability, and their importance then weigh the evidence and interpretations presented by historians in secondary sources. Students develop the skills necessary to arrive at their own conclusions based on informed judgment and to present their reasoning and evidence clearly and persuasively in an essay format. This course prepares students to take the AP exam.
Grade Level: 11-12
Pre-Requisites: Teacher Approval
A-G status: None
Course Code: 1552, 1572, 1576, 1577

Course: ADVANCED PLACEMENT WORLD HISTORY 1/2
Description: The Advanced Placement World History course develops greater understanding of the evolution of and interactions among different human societies, with a focus on the last 1,000 years. This understanding is advanced through development of factual knowledge and appropriate interpretive skills, including analysis of evidence found in various types of historical documents. The develops an understanding of how political, economic, social, and technological factors combined to create changes in the relationships between peoples and nations.
Grade Level: 11-12
Pre-Requisites: Teacher Approval
A-G status: A
Course Code: 1720, 1721, 1722, 1723
Course: GEOGRAPHY 1/2
Description: The course fosters the development of a geographically informed student who sees meaning in the arrangement of things in space and applies a spatial perspective to life situations. A geographically informed student knows and understands places and regions, physical systems, human systems, and the interactions of the environment and society.
Grade Level: 9-12
Pre-Requisites: None
A-G status: A
Course Code: 1403, 1502, 1507, 1513, 1515, 1516, 8725, 8751

Course: GEOGRAPHY HONORS 1/2
Description: Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors students will meet the academic standards while learning to think in deeper and more complex ways. This is the first semester of a year-long course. Geography provides an overview of the major regions of the world, with an emphasis on the connectedness of people and the natural environment. Students study the physical and political features of the world, the distribution of people and resources, and the influence of the environment on culture as well as the impact of humans on the environment. Students also learn how to use maps to acquire and report spatial information.
Grade Level: 10
Pre-Requisites: None
A-G status: (wasn’t submitted as an “G”)
Course Code: 8770, 8771

Course: MODERN WORLD 1
Description: Modern World History is an examination of the ideas and events that have shaped the modern world since the 18th century. Students begin by studying the political ideas of the Enlightenment and both the positive and negative effects of the economic transformation brought about by the Industrial Revolution. They then study imperialism during the 19th and early 20th centuries, World War I, World War II, and the Cold War to understand the historical, geographical, political, economic, and social context of current issues in Europe, North America, South America, Africa, and Asia.
Grade Level: 10
Pre-Requisites: None
A-G status: A
Course Code: 1510, 1514, 1518, 1519, 1520, 1521, 1530, 1534, 1538, 1539, 1541, 8712, 8713, 8762, 8763, 8812, 8813, 8912, 8913
**Course: MODERN WORLD HONORS 1/2**
Description: Modern World History is an examination of the ideas and events that have shaped the modern world since the 18th century. Students begin by studying the political ideas of the Enlightenment and both the positive and negative effects of the economic transformation brought about by the Industrial Revolution. They then study imperialism during the 19th and early 20th centuries, World War I, World War II, and the Cold War to understand the historical, geographical, political, economic, and social context of current issues in Europe, North America, South America, Africa, and Asia. This course covers the same content as Modern World courses but in greater depth and complexity. This course is taught at an Honors pace, but does not receive an additional point for UC/CSU consideration.
Grade Level: 10
Pre-Requisites: None
A-G status: A
Course Code: 1511, 1524, 1525, 1526, 1527, 1528, 1529, 1531, 1544, 1545, 1546, 1547

**Course: UNITED STATES HISTORY**
Description: A review of the history of the United States from the 17th to 19th centuries and a thorough study of the political, economic, and social history of the nation in the 20th century. Themes include economic expansion, movements for social change and reactions against such movements, and foreign relations.
Grade Level: 11
Pre-Requisites: None
A-G status: A
Course Code: 1550, 1555, 1559, 1561, 1562, 1560, 1570, 1579, 1581, 1582, 8714, 8715, 8814, 8815, 8764, 8765, 8914, 8915

**Course: UNITED STATES HISTORY HONORS**
Description: This course covers the same content as the regular United States History courses but in greater depth and complexity. The skill components of the courses are accelerated and students are encouraged to develop novelty in curriculum projects.
Grade Level: 11
Pre-Requisites: Approval of GATE Coordinator and department chair
A-G status: A
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Course: 9TH GRADE ENGLISH 1/2
Description: 9th grade English focuses on works by world authors representing a diversity of cultures. The emphasis in this course is on the major literary genre (mythology, short stories, poetry, drama, biography and the novel) with particular attention to drama. Students learn to comprehend literal meaning in these works and terminology appropriate to the discussion of plot and figurative language. The writing component of this course consists of formal and informal assignments including expository essays analyzing the literature selections read. Attention to grammar is given as students follow the writing process. Emphasis in the ninth grade is placed on Autobiographical Incident, Evaluation and Observational writing. Students practice oral skills in formal and informal classroom activities.
Grade Level: 9
Pre-Requisites: None
A-G status: B
Course Code: 1022, 1030, 1036, 1040, 1046, 8702, 8703, 8752, 8753, 8802, 8902, 8803, 8903

Course: 9TH GRADE ENGLISH 1/2 HONORS
Description: This course is designed to develop student abilities as a reader, writer, thinker, listener and speaker. Students focus on six different forms of literature: short stories, expository and narrative nonfiction text, poetry, drama, the novel and functional documents. Students develop the necessary social and academic language skills to prepare for challenging high school curriculum. Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors courses encourage students to think in deeper and more complex ways. Ninth grade courses cannot receive UC/CSU Honors points.
Grade Level: 9
Pre-Requisites: Teacher Recommendation
A-G status: B
Course Code: 1031, 1032, 1041, 1173

Course: 10TH GRADE ENGLISH 1/2
Description: Students read novels, short stories, plays, and poems about adolescent experiences including loss of innocence, initiation into adulthood, and self discovery. These selections reflect the cultural mosaic that constitutes America's diverse population. Students consider the cultural context of a literary work and pay close attention to its language, diction and figurative expressions. Students continue the process of mastering the literary terms taught in 9th Grade English, and learn additional terminology including irony, symbol, motif, foil, archetype, and foreshadowing. Students write papers based on their reading and their personal experiences. Students use the writing process as they produce a variety of essays structured around a clearly presented, soundly supported thesis. Emphasis in the tenth grade is placed on Controversial Issue, Report of Information and Interpretation writing.
Grade Level: 10
Pre-Requisites: None
A-G status: B
Course Code: 1026, 1054, 1056, 1069, 8704, 8754, 8804, 8904, 8705, 8755, 8805, 8905

Course: 10TH GRADE ENGLISH 1/2 HONORS
Description: Students read novels, short stories, plays, and poems about adolescent experiences including loss of innocence, initiation into adulthood, and self discovery. These selections reflect the cultural mosaic that constitutes America's diverse population. Students consider the cultural context of a literary work and pay close attention to its language, diction and figurative expressions. Students continue the process of mastering the literary terms taught in 9th Grade English, and learn additional terminology including irony, symbol, motif, foil, archetype, and foreshadowing. Students write papers based on their reading and their personal experiences. Students use the writing process as they produce a variety of essays structured around a clearly presented, soundly supported thesis. Emphasis in the tenth grade is placed on Controversial Issue, Report of Information and Interpretation writing. Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors students will meet academic standards while learning to think in deeper and more complex ways. 10th grade Honors courses do not receive Honors points for UC applications.
Grade Level: 10
Pre-Requisites: Teacher Recommendation
A-G status: B
Course Code: 1042, 1043, 1050, 1051

Course: ADVANCED COMPOSITION
Description: In Advanced Composition, students learn the techniques of developing and writing a variety of effective essays using the writing process. Students write in response to the arguments of others, addressing assumptions, conclusions, reasons, and evidence. They write persuasive essays which state debatable theses, make concessions to the opposition, advance strong evidence, and use appropriate rhetorical modes. Students find a topic appropriate for analysis; divide the topic into parts; explore; make a judgment, apply clear criteria which is either stated or implied; and then support this judgment with evidence from literature or other sources. Students write essays in which they control purpose and tone through careful word choice. In choosing, they consider the effects of connotations, figures of speech, cliches, euphemisms, allusions and jargon.
Grade Level: 11-12
Pre-Requisites: Expository Writing
A-G status: B
Course Code: 1142, 1149
Course: ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION
Description: The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. This course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the ability to write in any context. In addition, it teaches students to read primary and secondary sources carefully, to synthesize materials from these texts in their own compositions, and to cite sources using professional conventions.
Grade Level: 12th
Pre-Requisites: B or better in an English honors course the previous year.
A-G status: B
Course Code: 1102, 1103, 1104, 1105, 1106, 1107, 1179, 1129, 1130, 1131, 1132, 1133, 1134, 1179, 1180, 1181, 1182, 1132, 1133, 1134, 1135, 1183

Course: ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION 1/2
Description: The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Reading in an AP course should be both wide and deep, drawing from multiple genres, periods, and cultures, from the sixteenth to the twenty-first century. Students read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Writing is an integral part of the AP English Literature and Composition course, for the AP Examination is weighted toward student writing about literature. Writing assignments focus on the critical analysis of literature and should include expository, analytical, and argumentative essays. Students are expected to have advanced development of basic oral and written communication skills so that they can focus on extended reading assignments, research, and group presentations.
Grade Level: 11-12
Pre-Requisites: Teacher Approval
A-G status: B
Course Code: 1102, 1104, 1105, 1005, 1064, 1105, 1161, 1162, 1163, 1164, 1165
Course: AMERICAN LITERATURE 1/2
Description: Students focus on the diverse American experience presented in literature. The course includes representative works from early America to the present that reflect important themes in American culture. The works read are taken from all genres with emphasis on student interpretation of the novel and the essay. Students use the writing process as they produce a variety of essays structured around a clearly presented, soundly supported thesis. Attention to grammar will be given as students follow the writing process. Emphasis is placed on Speculation about Causes and Effects and Reflective Essay writing. Class discussions, small group work and oral presentations are part of the course work.
Grade Level: 11th
Pre-Requisites: 10th Grade English
A-G status: B
Course Code: 1070, 1075, 1080, 1082, 1083, 8706, 8707, 8756, 8757, 8806, 8807, 8906, 8907

Course: AMERICAN LITERATURE HONORS 1/2
Description: This course follows the curriculum for American Literature in greater depth, complexity, novelty and acceleration. Students focus on the diverse American experience presented in literature. The course includes representative works from early America to the present that reflect important themes in American culture. The works read are taken from all genres with emphasis on student interpretation of the novel and the essay. Honors students are also expected to read a minimum of four out-of-class books from an approved list complementing the course. Critical and analytical responses to the content of literature is the basis for discussion and written work. Students use the writing process as they produce a variety of essays structured around a clearly presented, soundly supported thesis. Attention to grammar is given as students follow the writing process. Emphasis is placed on Speculation about Causes and Effects and Reflective Essay writing. Class discussions, small group work and oral presentations are part of the course work. The course emphasizes critical thinking. Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Grade Level: 11th
Pre-Requisites: Placement Test and 10th Grade English
A-G status: B
Course Code: 1071, 1081, 1084, 1085, 1092, 1093

Course: COMEDY AND SATIRE
Description: This course is a comprehensive survey of comic and satiric material from its origins in classical drama to modern expressions in novels, poems, and plays. Course material is drawn from all periods and all cultures. Students examine definitions of comedy and satire, study theories of comedy, and read representative literature. In addition to literary examples of comedy and satire, frequent reference is made to cinematic comedy and other graphic modes of humor. Critical skills and standards are applied to this material. Students analyze these works by writing essays. Class and small group discussions are a part of the course.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1124

Course: CSU Expository Reading and Writing
Description: A task force of high school and CSU faculty developed the Expository Reading and Writing Course (ERWC), a full-year college preparatory English course for high school juniors or seniors. The ERWC aligns with the California English-Language Arts Content Standards, addresses critical reading and writing problems identified by the CSU English Placement Test Committee, and prepares students to meet the expectations of college and university faculty. Course assignments, organized into 14 modules and based mainly on non-fiction texts, emphasize the in-depth study of expository, analytical, and argumentative reading and writing.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1389, 1390

ELD Reading 5/6
Description:
Grade Level:
Pre-Requisites: None
A-G status: B
Course Code: 1389, 1390

ELD Reading 7/8
Description:
Grade Level:
Pre-Requisites: None
A-G status: B
Course Code: 1391, 1392

Course: English Language Development 5/6
Description: This course increases the English listening, speaking, reading and writing skills of the second language learners. They are able to comprehend and interpret not only the language of their teacher, neighbors, and peers, but also variants of English spoken by others in the community with whom they come in contact. Students demonstrate their understanding of idiomatic expressions and colloquialisms in different registers and in new and unfamiliar settings. The lexical items taught are determined by the vocabulary needs of native English speaking students of the same age and the vocabulary demands of the texts used. Students read across genres and identify the features of text: theme, plot, characters, genre etc. Students read at a level that will enable them to participate effectively in all subject areas of the school’s instructional program. Students learn to write well-organized paragraphs using appropriate conventions of print.
Grade Level:
Pre-Requisites: None
Course: English Language Development 7/8
Description: This course increases the English listening, speaking, reading and writing skills of the second language learners. They are able to comprehend and interpret not only the language of their teacher, neighbors, and peers, but also variants of English spoken by others in the community with whom they come in contact. Students demonstrate their understanding of idiomatic expressions and colloquialisms in different registers and in new and unfamiliar settings. The lexical items taught are determined by the vocabulary needs of native English speaking students of the same age and the vocabulary demands of the texts used. Students read across genres and identify the features of text: theme, plot, characters, genre etc. Students read at a level that will enable them to participate effectively in all subject areas of the school's instructional program. Students learn to write well-organized paragraphs using appropriate conventions of print.
Grade Level: 7/8
Pre-Requisites: None
A-G status: B
Course Code: 1380, 1381

Course: ENGLISH AND EUROPEAN LITERATURE 1/2
Description: Students focus primarily on English and European literature though literature from other parts of the world will also be read. Students will discuss the human values implicit in the literature. The genre that receives most emphasis at this level is poetry. Students write for a variety of purposes and audiences, using the eight high school writing types (Autobiographical Incident, Evaluation, Observational, Controversial Issue, Report of Information, Interpretation, Speculation about Causes and Effects and Reflective Essay writing). Students learn to state a meaningful thesis and provide support both from the literary text and personal insight. Class discussions, small group work and oral presentations are part of the course work.
Grade Level: 12th
Pre-Requisites: American Literature 1/2
A-G status: B
Course Code: 1090, 1098, 1099, 1100, 8708, 8758, 8808, 8908, 8709, 8759, 8809, 8909

Course: ENGLISH AND EUROPEAN LITERATURE HONORS 1/2
Description: Students study the core curriculum of English, European, and World Literature in greater depth, complexity, novelty and acceleration. Works that expand the core literature being read in class are those likely to be encountered in a college class. Attention to the eight high school writing types (Autobiographical Incident, Evaluation, Observational, Controversial Issue, Report of Information, Interpretation, Speculation about Causes and Effects and Reflective Essay writing) is a component of the course. Class discussions, small group work and oral presentations are part of the course work. Honors courses cover more breadth and depth and are conducted at a faster pace.
Grade Level: 12th
Pre-Requisites: Placement Test and American Literature
Course: EPIC AND MYTH
Description: Students read literature reflecting mythological themes and allusions that have permeated Western thought and literature. They learn that mythology represents people's attempts to understand their place in the universe. They explore the hero or heroine in the epic as the embodiment of diverse cultural values and ideals. They learn the vocabulary and ideas of modem studies, including psychology, anthropology, and history. The course should stimulate discussion and writing on mythological themes and allusions that have permeated Western thought and literature.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1002, 1003, 1091, 1101, 1192, 1191, 1197, 1198

Course: EXPOSITORY WRITING
Description: Students write expository essays that develop a thesis statement using approaches and diction appropriate to particular audiences. Students write essays appropriate to particular audiences. In each essay, students develop an expository thesis, as well as two or more sub-points in support of that thesis. Students use rhetorical modes such as compare/contrast, cause-effect, analogy, and classification in their writing. In their essays, students present different forms of evidence from personal experience and reading. Students learn to write appropriate introductions and conclusions. They use transitional devices to relate paragraphs. Students revise their sentences for improvement. They revise their essays to produce well written, coherent pieces.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1118

Course: FILM AS LITERATURE
Description: Students study film both as an art form and as a form of communication. They are taught how to “read” a film, just as students who study literature are taught to “see” how different literary forms and conventions are used by writers to achieve specific effects. Students also study the history of the cinema and become familiar with the techniques of filmmaking. In addition, students examine how films often reflect the times and conditions in which they are made, and conversely, how motion pictures sometimes help shape social attitudes and values. The prime objectives of the course are to help each student understand and use the specialized vocabulary used by filmmakers, film reviewers; to recognize the conventions of specific film genres; to recognize a film’s purpose; the recognize and understand the subtext of a film; to recognize the technical and artistic factors that contribute to the overall merit of a film; to understand the roles of those who collaborate on the making of a film, and to write and speak knowingly about film whether reviewing a single film or comparing and contrasting two films.
Grade Level: 11-12
Course: **LITERATURE AND PHILOSOPHY**
Description: The goals of this course are to introduce students to the specific skills of reading, analyzing and writing about philosophy texts and philosophical stories, poems, and novels. In addition, students develop critical thinking skills by exploring such questions as: What is philosophy? How and why did it develop? What is its relevance today? Classroom discussion and written work focus on understanding philosophical positions. Students analyze the arguments advanced in support of these positions and write essays comparing and criticizing various philosophical issues.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1121, 1122

Course: **LITERATURE AND PHILOSOPHY HONORS**
Description: The goals of this course are to introduce students to the specific skills of reading, analyzing and writing about philosophy texts and philosophical stories, poems, and novels. In addition, students develop critical thinking skills by exploring such questions as: What is philosophy? How and why did it develop? What is its relevance today? Classroom discussion and written work focus on understanding philosophical positions. Students analyze the arguments advanced in support of these positions and write essays comparing and criticizing various philosophical issues. Honors courses are taught at a faster pace and cover more breadth and depth.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1108, 1109, 1114

***note we were not asked to submit this as Honors and it is not on list***

Course: **LITERATURE AND PSYCHOLOGY**
Description: Students study basic analytic theory and terminology used in psychology to have a common conceptual basis and language for the examination of character development and motivation in literature. Dramas and novels are selected to present psychological issues in a clear manner for students who are beginners in such analysis. For example, *A Streetcar Named Desire* shows Blanche using nearly all of the defense mechanisms described by Freud. *Ordinary People* shows the hazard of an overly powerful superego and the need for communication and understanding within a family. Students analyze these works by writing essays following the writing process. Class and small group discussions are a part of the course.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1125
Course: NOVEL
Description: Students read a variety of novels from representative periods in history and from a variety of cultures. They trace the structure and development of a novel by a close reading of the works and guided discussions. Although the primary focus of the course is the study of the novel, students also learn techniques of critical essay writing and they develop their writing skills in formal papers.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1126

Course: SCIENCE FICTION & FANTASY
Description: This course includes works that explore the non-existent, unreal world of characters who encounter physical and scientific experiences not yet discovered or contrary to present reality. Students will read works which project problems of contemporary society into a possible future. The course should stimulate discussion and writing on the unreal world in these works and the problems of contemporary society projected into a possible future.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1120

Course: SHAKESPEARE
Description: Students study a representative sampling of comedies, tragedies, and histories as well as selected poetry. Students read intensively rather than extensively, studying a selection of Shakespeare's plays and poems, developing their ability to read literature of complexity. They practice specific skills such as the use of footnotes and context clues and the recognition of figurative language and imagery. Students analyze these works by writing essays following the writing process. Class and small group discussions are a part of the course.
Grade Level: 11-12
Pre-Requisites: None
A-G status: B
Course Code: 1123
### Mathematics

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*Not approved for UC Honors (curriculum is below 11th grade level)*
**Course: ACCELERATED MATH 1/2 HONORS**
Description:  Students review operations with rational numbers, inequalities, exponents, scientific notation, problem solving, introductory probability, polynomials, factoring, quadratics, functions, equations of lines, systems of equations and inequalities, determinants and radical expressions. Students study matrices, right triangle trigonometry, additional techniques of factoring quadratic polynomial, synthetic substitution, rational root theorem, formal logic, sequences and series, the Binomial Theorem, applications in probability, combinations and permutations, and strategies for SAT type questions.
Grade Level:  9
Pre-Requisites: None
A-G status: C
Course Code: 2198, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2199

**Course: ADVANCED ALGEBRA 1/2**
Description:  Students continue the study of functions and their graphs: linear, quadratic, exponential, logarithmic, rational and irrational. This includes transformations of graphs, representing functions in multiple ways and understanding the connections among the representations and using functions to model real-world situations. They also study systems of linear functions, systems of linear inequality, solving polynomial and rational equations, sequences and series, and probability and statistics.
Grade Level:  11
Pre-Requisites: None
A-G status: C
Course Code: 2130, 2140, 2143, 2144, 2145, 2147, 2148, 2149, 2152, 2154

**Course: ADVANCED ALGEBRA HONORS 1/2**
Description: This course covers the topics of Advanced Algebra 1/2 in more depth with some additional topics in pre-calculus such as trigonometry. Students deal with more challenging problems, including complex word problems. New topics are approached more rapidly and are studied in greater detail. Students are expected to review on their own.
Grade Level:  11
Pre-Requisites: GPA of a "B" or better in their previous college preparatory mathematics course or achieving the stated score in the Placement Test
A-G status: C
Course Code: 2094, 2104, 2121, 2131, 2141
Course: ADVANCED PLACEMENT CALCULUS AB 1/2
Description: This is a year long college level course in introductory calculus. The content of Advanced Placement Calculus AB follows the topics outlined by the College Board. In general, students in the AB course study topics in functions, graphs, limits, continuity, and techniques and applications of differential and integral calculus. Students will study limits of sequences and functions, elements of differential and integral calculus, techniques of integration (including substitution by parts, partial fractions, and trigonometric identities), hyperbolic functions and their graphs.
Grade Level: 11-12
Pre-Requisites: Grade of “B” or better in Pre-Calculus, or appropriate score on placement test
A-G status: C
Course Code: 2174, 2175, 2184, 2185

Course: ADVANCED PLACEMENT CALCULUS BC 1/2
Description: Students will study topics in functions, graphs, limits, continuity, and techniques, and applications of differential and integral calculus. Students in the BC course study calculus more extensively and theoretically, including functions defined in polar and parametric forms, sequences, and series. Students in the Calculus BC course study all topics in the AB course in addition to functions defined in polar and parametric forms, sequences, series, more applications of derivatives, more techniques and application of antiderivatives as outlined by the College Board.
Grade Level: 11-12
Pre-Requisites: GPA of a "B" or better in their previous precalculus college preparatory mathematics course or achieving the stated score in the Placement Test
A-G status: C
Course Code: 2176, 2181, 2181, 2186

Course: ADVANCED PLACEMENT STATISTICS 1/2
Description: The students in this college level course will study four major areas: exploratory analysis of data (use of graphical and numerical techniques to study patterns, and departures from patterns) planning a study (data must be collected according to a well-developed plan if valid information on a conjecture is to be obtained), probability (used for anticipating what distribution of data should look like under a given model), and statistical inferences (the selection of appropriate models).
Grade Level: 11-12
Pre-Requisites: Completion of third year course in college preparatory mathematics with a "B" of higher
A-G status: C
Course: ALGEBRA 1
Description: Students cover the state algebra standards. Topics include symbol manipulation, solving linear equations, understanding linear functions (including slope as rate of change, representing a linear function as a set of points, an equation, a graph, and understanding connections among the representations), understanding and solving systems of linear equations and inequalities, basic polynomial operations, understanding quadratic functions, and solving quadratic equations.
Grade Level: 9
Pre-Requisites: None
A-G status: C
Course Code: 2090, 2093, 2095, 2097, 2098, 2100, 2103, 2105, 2107, 2108, 8723, 8724, 8798, 9773, 8823, 8774, 8799, 8923, 8924

Course: ALGEBRA HONORS 1/2
Description: This course covers the Algebra 1/2 topics in more depth with some additional topics in Advanced Algebra or Geometry. Students will deal with more challenging problems, including complex word problems. New topics are approached more rapidly and are studied in greater detail. Students are expected to review on their own.
Grade Level: 9
Pre-Requisites: None
A-G status: C
Course Code: 2091, 2092, 2101, 2102, 2112, 2122, 2133, 2134, 2135, 2136

Course: ALGEBRA II/FINITE MATH 1/2
Description: Students in this course will study many of the topics in Advanced Algebra 1/2. This includes the study these functions and their graphs: linear, quadratic, exponential, and logarithmic. They will also study systems of linear functions, basic trigonometric relationships, law of sines and cosines. There is extensive use of the scientific calculators throughout the course.
Grade Level: 10-12
Pre-Requisites: None
A-G status: C
Course Code: 2015, 2016, 2017, 2018

Course: CALCULUS 1/2
Description: Calculus is a branch of mathematics that deals with rates of change. Students are introduced to the elements of calculus including functions, graphs, limits, continuity, and techniques and applications of differential and integral calculus. Students study limits of sequences and functions, elements of differential and integral calculus, techniques of integration (including substitution by parts, partial fractions, and trigonometric identities), hyperbolic functions and their graphs.
Grade Level: 11-12
Pre-Requisites: Pre-calculus
A-G status: C
Course Code: 2170, 2180

Course: GEOMETRY 1/2
Description: Students study the use of definitions, conjectures, postulates, and theorems in the study of angles, triangles, congruency, perpendicular and parallel lines, symbolic logic, direct and indirect proofs, geometric inequalities, elementary coordinate geometry, constructions, polygonal regions and their areas, similarity, circles and spheres, volumes of solid and elementary trigonometry.
Grade Level: 9 to 11
Pre-Requisites: None
A-G status: C
Course Code: 2113, 2115, 2117, 2118, 2110, 2123, 2125, 2127, 2128, 2120, 8642, 8656, 8670, 8684, 8643, 8657, 8671, 8685

Course: GEOMETRY HONORS 1/2
Description: This course covers the topics of Geometry 1/2 in more depth with some additional topics in Advanced Algebra or Pre-calculus. Students deal with more challenging problems, including complex word problems and more emphasis on geometric proof. New topics are approached rapidly and are studied in greater detail. Students are expected to review on their own.
Grade Level: 10
Pre-Requisites: Teacher approval
A-G status: C
Course Code: 2111, 2121, 2137, 2138, 2139, 2155, 2156, 2171, 2172, 2173

Course: INTEGRATED MATHEMATICS 1/2
Description: This is the first year of a three year sequence that teaches the same mathematical topics as found in the algebra, geometry, advanced algebra sequence. In addition topics from logic, probability and statistics, discrete mathematics and functions are included. Students in this course will study the following topics: linear equations and inequalities, multiplying binomials, factoring, angles, polygons, circles, perimeter, circumference, area, surface area, volume, trigonometric ratios, analyzing and applying data, experimental and theoretical probability, geometric probability, conjectures, counterexamples, discrete quantities, and matrices.
Grade Level: 9 to 10
Pre-Requisites: None
A-G status: None
Course Code: 2189, 2190

Course: INTEGRATED MATHEMATICS 3 & 4
Description: This course covers from the algebra, geometry, and advanced algebra sequence. In addition topics from logic, probability and statistics, discrete mathematics and functions are included. Students study the following topics: quadratic equations, linear systems, rational equations, complex numbers, similar and congruent figures, geometric proofs, coordinate and transformational geometry, special right triangles, sampling, simulation, and binomial distributions, inductive and
deductive reasoning, postulates, proof, operations with matrices and counting techniques.
Grade Level: 9 to 11
Pre-Requisites: Successful completion of the first year of college preparatory mathematics
A-G status: C
Course Code: 2191, 2192

Course: INTEGRATED MATHEMATICS  5 & 6
Description: This course covers topics from algebra, geometry, advanced algebra sequence. Students study the following topics: polynomial functions, exponential functions, logarithmic functions, parametric equations, inscribed figures, transforming graphs, vectors, triangle and circle trigonometry, variability, standard deviation, zscores, sequences and series, recursion and limits.
Grade Level: 10-12
Pre-Requisites: Completion of Integrated Mathematics 3/4
A-G status: C
Course Code: 2193, 2194

Course: PRE-CALCULUS 1/2
Description: Students in this year long course will further their study of functions and their graphs: rational functions, piecewise functions and trigonometric functions. Students will be able to find inverse of functions as well as learn how to compose functions. In addition, students will study trigonometric identities, laws of sines and cosines, conic sections, polar equations and their graphs, conic sections, vectors, sequences and limits of sequences, and introduction to limits.
Grade Level: 10-12
Pre-Requisites: Advanced Algebra
A-G status: C
Course Code: 2202, 2203, 2206, 2207

Course: PRE-CALCULUS HONORS 1/2
Description: Students in this year long course will further their study of functions and their graphs: rational functions, piecewise functions and trigonometric functions. Students will be able to find inverse of functions as well as learn how to compose functions. In addition, students will study trigonometric identities, laws of sines and cosines, conic sections, polar equations and their graphs, conic sections, vectors, sequences and limits of sequences, and introduction to limits. This course is taught at a faster pace and covers material in more breadth and depth.
Grade Level: 10-12
Pre-Requisites: None
A-G status: C
Course Code: 2204, 2205, 2208, 2209
**Course: PROBABILITY AND STATISTICS 1/2**  
Description: The students in this course will study descriptive statistics, organization of data, probability theory, sampling, and other related topics.  
Grade Level: 10-12  
Pre-Requisites: GPA of a "B" or better in Advanced Algebra 1/2 Honors, or Geometry Honors or score on Placement Test  
Grade Level: 10-12  
A-G status: C  
Course Code: 2024, 2025, 2167, 2168, 3022

**Course: TRIGONOMETRY**  
Description: Students in this course will study periodic functions, trigonometric functions and their graphs, trigonometric identities, inverse trigonometric functions and their graphs, laws of sines and cosines, and conic sections. Using trigonometric functions to solve real world problems will be emphasized.  
Grade Level: 11-12  
Pre-Requisites: Successful completion of Advanced Algebra.  
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Students must complete two different lab sciences from the “D” category; one should be a biology course (D1) and the other may be from the Physics (D2), Chemistry (D3), or Interdisciplinary (D4). A science classified as a “G” elective only may not be used as a “D” science. Because of the lab requirement, online courses do not satisfy the “D” course requirement.

Course: ADVANCED PLACEMENT BIOLOGY 1/2
Description: This is a college level comprehensive study of Biology equivalent to the college introductory biology course usually taken by biology majors during their first year. The course covers information from the following general areas: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. The course is designed to prepare students for the Advanced Placement examination and may provide college credit.
Grade Level: 10-12
Pre-Requisites: Completion of Biology and teacher approval.
A-G status: D1
Course Code: 3012, 3027, 3188, 3189

Course: ADVANCED PLACEMENT CHEMISTRY 1
Description: This college level chemistry course includes the topics of the Chemistry class (observation and quantitative laboratory measurements. The topics include: classification of matter, atomic theory, chemical formulas and equations, the periodic table, atomic structure, bonding, rates of reaction, chemical equilibrium, acids and bases, oxidation-reduction, organic, nuclear and environmental chemistry) but in greater depth. College level laboratory activities are performed when they can be adapted to the high school schedule. The course is designed to prepare students for the Advanced Placement examination and may provide college credit.
Grade Level: 10-12
Pre-Requisites: Completion of chemistry and teacher approval.
A-G status: D3
Course Code: 3058, 3063, 3072, 3342, 3343

Course: ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE 1/2
Description: The goal of this course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.
Grade Level: 11-12
Pre-Requisites: Completion of biology and algebra; teacher approval.
A-G status: D4
Course Code: 3182, 3183, 3095, 3101, 3712
Course: ADVANCED PLACEMENT PHYSICS B 1
Description: This course includes topics in both classical and modern physics. A knowledge of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in connection with physical concepts, such as acceleration and work. Students should be able to understand and apply these principles in the solution of problems as a major goal of the course. Consequently, the course should utilize guided inquiry and student-centered learning to foster the development of critical thinking skills. Physics B provides instruction in each of the following areas: Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. The course is designed to prepare students for the Advanced Placement examination and may provide college credit.
Grade Level: 11-12
Pre-Requisites: Completion of physics; teacher approval.
A-G status: D2
Course Code: 3330, 3331

Course: ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND MAGNETISM 1/2
Description: This course includes topics in both classical and modern physics. A knowledge of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in connection with physical concepts. Students should be able to understand and apply these principles in the solution of problems as a major goal of the course. The course utilizes guided inquiry and student-centered learning to foster the development of critical thinking skills. This course should provide instruction in each of the following five content areas: electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. The prepares students for the Advanced Placement examination and may provide college credit.
Grade Level: 11-12
Pre-Requisites: Advanced Placement Calculus 1-2 (Taken concurrently)
A-G status: D2
Course Code: 3332, 3333

Course: ADVANCED PLACEMENT PHYSICS C: MECHANICAL 1/2
Description: This course includes topics in both classical and modern physics. A knowledge of introductory differential and integral calculus is required for the course. Students should be able to understand and apply these principles in the solution of problems as a major goal of the course. Consequently, the course should utilize guided inquiry and student-centered learning to foster the development of critical thinking skills. Physics C Mechanics provides instruction the following areas: kinematics; Newton s laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. The course is prepares students for the Advanced Placement examination and may provide college credit.
Grade Level: 11-12
Pre-Requisites: Advanced Placement Calculus 1-2 (Taken concurrently)
A-G status: D2
Course Code: 3272, 3282
Course: **ASTRONOMY 1/2**
Description: This course will provide an overview of the major topics in astronomy such as the origin and evolution of the universe, galaxies, stars, telescopes, the solar system, and the Earth and its moon.
Grade Level: 9-12
Pre-Requisites: None
A-G status: D2
Course Code: 3086, 3087, 3344

Course: **BIOLOGY 1**
Description: This course is a study of the major topics in the life sciences that include: the cell and molecular biology, biochemistry, bioenergetics, genetics, biosystematics, evolution, and the role of human beings in their natural environment. Laboratory work is incorporated throughout the course.
Grade Level: 9-12
Pre-Requisites: None
A-G status: D1
Course Code: 3010, 3015, 3016, 3018, 3019, 3025, 3030, 3031, 3033, 3034, 8726, 8727, 8776, 8777, 8826, 8926, 8827, 8927

Course: **BIOLOGY HONORS 1/2**
Description: This course is a study of the major topics in the life sciences that include: the cell and molecular biology, biochemistry, bioenergetics, genetics, biosystematics, evolution, and the role of human beings in their natural environment. Laboratory work is incorporated throughout the course. Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors students will meet the academic standards while learning to think in deeper and more complex ways.
Grade Level: 9-12
Pre-Requisites: Teacher approval
A-G status: D1
Course Code: 3011, 3026, 3036, 3037, 3038, 3039, 3044, 3049, 3053, 3054

Course: **CHEMISTRY 1/2**
Description: This course covers the basic principles of general chemistry with an emphasis on observation and quantitative laboratory measurements. The topics include: classification of matter, atomic theory, chemical formulas and equations, the periodic table, atomic structure, bonding, rates of reaction, chemical equilibrium, acids and bases, oxidation-reduction, organic, nuclear and environmental chemistry.
Grade Level: 10-12
Pre-Requisites: Algebra 1/2 and Geometry 1/2 (Geometry may be concurrent)
A-G status: D3
Course Code: 3064, 3066, 3056, 3068, 3061, 3481, 3480, 3060, 3071, 3077, 3079
**Course: CHEMISTRY HONORS 1/2**
Description: Chemistry I Honors is taught at a faster pace, includes additional topics, and topics are treated in greater depth and with more application of mathematics. Honors courses use a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors students meet the academic standards while learning to think in deeper and more complex ways. This course covers the basic principles of general chemistry with an emphasis on observation and quantitative laboratory measurements. Topics include: classification of matter, atomic theory, chemical formulas and equations, the periodic table, atomic structure, bonding, rates of reaction, chemical equilibrium, acids and bases, oxidation-reduction, organic, nuclear and environmental chemistry.
Grade Level: 10-12
Pre-Requisites: Algebra 1/2, Geometry 1/2 (Geometry may be concurrent) and teacher approval
A-G status: D3
Course Code: 3157, 3062, 3129, 3131, 3121, 3089, 3127, 3055, 3065, 3067

**Course: CONCEPTUAL CHEMISTRY 1/2**
Description: This course is designed to help students understand the role of chemistry in their lives and to use chemistry knowledge in decision-making on issues involving science and technology. Topics covered include the chemistry of water, conserving chemical resources, petroleum usage, food nutrition, nuclear chemistry, chemistry, air and climate, and personal health.
Grade Level: 10-12
Pre-Requisites: Algebra
A-G status: D3
Course Code: 3073, 3074, 3126, 3128

**Course: CONCEPTUAL PHYSICS 1/2**
Description: This course emphasizes the concepts underlying the physics found in traditional physics courses. The approach emphasizes comprehension rather than computation in its approach, but does incorporate mathematics as guides to thinking rather than as recipes for computation. Topics covered include mechanics, properties of matter, heat, sound, electricity and magnetism, light, atomic and nuclear physics, and relativity.
Grade Level: 9-12
Pre-Requisites: None
A-G status: D2
Course Code: 3268, 3337, 3266, 3267, 3269, 3338

**Course: ENVIRONMENTAL SCIENCE 1/2**
Description: This physical science course examines environmental issues and problems. It includes the study of populations, forestry, soil chemistry, wildlife and soil conservation, air and water pollution, hazardous materials, and energy sources. Laboratories and field trips are incorporated throughout the course.
Grade Level: 10-12
Pre-Requisites: Biology 1/2
A-G status: D4
Course Code: 3075, 3076, 3711, 3135, 3710, 3085, 3075, 8638, 8652, 8666, 8680, 8639, 8653, 8667, 8681

**Course: INTRODUCTION TO MEDICAL SCIENCE**

The Introduction to Health Science course will provide an overview of each of the human body systems. In addition, for each body system students will be studying a wide range of health care aspects that include the following: human body system, pathologies, health care careers, public health, medical terminology, and mental health. This is the first course in the Health Science Academy.

Grade Level: 10-12
Pre-Requisites: None
A-G status: D1
Course Code: 3197

**Course: HEALTH CAREERS**

Description: A survey of careers in the health sciences for the vocationally oriented student is the focus of this course. Lectures, field trips and guest speakers, will highlight careers in medicine, nursing, infant and geriatric care, emergency care and other similar services. The course culminates in CPR certification for participating students. This is the second course in the Health Science Academy.

Grade Level: 10-12
Pre-Requisites: Introduction to Medical Science
A-G status: D1
Course Code: 3197

**Course: MEDICAL HOSPITAL 1/2**

Description: Students continue to advance their knowledge of the health field. This is the third course in the Health Science Academy.

Grade Level: 10-12
Pre-Requisites: Health Careers
A-G status: D1
Course Code: 3240, 3250

**Course: MARINE BIOLOGY 1/2**

Description: Students take an in-depth look at the chemical, geological, and physical characteristics of the world's oceans. Students investigate the structure, functions, behaviors, adaptations, and classification of a variety of plants and animals that live in the marine environment. Students learn how energy flows and matter cycles through the Earth's ocean system and investigate the impact of humans on that system. Laboratory activities include dissection, experimentation, data collection, and data analysis that develop scientific investigation and scientific thinking skills. The course is recommended as a science elective, particularly for students interested in marine and/or environmental studies.

Grade Level: 9-12
Pre-Requisites: None
A-G status: D1
Course Code: 3224, 3225
Course: MARINE SCIENCE 1/2
Description: The world's oceans and basins provide the unifying framework for this laboratory program which explores concepts in astronomy, hydrology, geology, meteorology, physics, chemistry, and ecology. Emphasis is placed on the inter-relatedness of the physical and the biological components in Earth's largest ecosystem.
Grade Level: 10-12
Pre-Requisites: Biology 1/2
A-G status: D4
Course Code: 3226, 3228, 8640, 8654, 8668, 8682, 8641, 8655, 8669, 8683

Course: PHYSICS 1/2
Description: This course is a study of the major topics of physics that includes the study of mechanics, heat and temperature, waves, electricity and magnetism, and topics in modern physics. Laboratory experiments are incorporated throughout the course and help to illustrate all topics covered.
Grade Level: 9-12
Pre-Requisites: Advanced Algebra 1/2
A-G status: D2
Course Code: 3273, 3274, 3275, 3270, 3276, 3278, 3279, 3280, 3281, 3285

Course: PHYSICS HONORS 1/2
Description: Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors students will meet the academic standards while learning to think in deeper and more complex ways. This course is a study of the major topics of physics that includes the study of mechanics, heat and temperature, waves, electricity and magnetism, and topics in modern physics. Laboratory experiments are incorporated throughout the course and help to illustrate all topics covered.
Grade Level: 9-12
Pre-Requisites: None
A-G status: D2
Course Code: 3295, 3301, 3300, 3302, 3303, 3304, 3306, 3307, 3308, 3309, 3296

Course: PHYSIOLOGY 1/2
Description: This introductory course emphasizes the structure and function of the human body. It includes basic biochemistry, cell and tissue biology, foods and nutrition and disease. Laboratory work and demonstrations are included.
Grade Level: 10-12
Pre-Requisites: Biology 1/2
A-G status: D1
Course Code: 3210, 3220, 3714
Course: PRINCIPLES OF BIOTECHNOLOGY 1/2

Description: A one-year course in the principles of biotechnology which will study the history, present impact, and future potentials of this relatively new branch of science. The first part of the course focuses on the inheritance and physiology of genetic diseases and a review of Mendelian inheritance. The second part of the course focuses on key experiments in the history of DNA science as a model for studying the application of the scientific method. The third part of the course is on DNA chemistry and the structure and regulation of genes. The fourth section deals with the human genome and social, legal, and ethical issues engendered by the new technologies. The fifth section is an in depth analysis of the immune system, AIDS, and impact and future potentials of biotechnology.

Grade Level: 11-12

Pre-Requisites: Two years of high school science, including biology and two years of high school math, including algebra

A-G status: D

Course Code: 3021, 3022, 3708, 3709, 3022
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Students learn to communicate in the target language by using the four basic skills – listening, speaking, reading, and writing. Teachers employ a variety of teaching methods as well as classroom organization models to attain this goal. Students will communicate in diverse ways in the target language, rather than merely showing knowledge about the language. Students learn and practice receiving, formulating, and sharing oral messages in the target language. The purpose of world language study is to prepare students as to make them both linguistically competent and culturally aware, and to enable them to experience personal fulfillment that comes through developing these skills. Students are provided with an understanding of the structure of the world language as well as an acquaintance with the grammatical and stylistic specificity of the language. Students learn an increasingly sophisticated vocabulary.

World Language (also known as LOTE – Languages Other Than English) build on each year’s previous skills. Language 1/2 are beginning courses that emphasize the development of communication skills and awareness of the language and culture. The second year of language 3/4 continues to expand skills mastered in the first year, with continued emphasis on listening and speaking skills. Students are encouraged to speak and write on everyday routines, common events.

E COURSES
These courses permit students who already speak a language other than English to enhance their reading

Course: ADVANCED PLACEMENT CHINESE LANGUAGE AND CULTURE 1/2
Description: The AP Chinese Exam assesses students’ interpersonal communication skills, their abilities to present and interpret language in spoken and written forms, and their functional familiarity with Chinese culture. The AP Chinese Language and Culture course is roughly equivalent to a 4th semester college course. The course and exam incorporate Chinese cultural information within the teaching of reading, writing, speaking, and listening to the language. The AP Chinese Language and Culture course and examination is based on Mandarin/Putonghua Chinese. The exam provides its questions using both traditional and simplified characters, enabling students with knowledge of either type of characters to take the exam. Similarly, student responses using either set of characters are accepted. The AP Chinese Reader’s scores on the essays and problem-solving questions are combined with the computer-scored multiple-choice questions, and the total raw scores are converted to a composite score based on AP's 5-point scale: 5 (Extremely well qualified), 4 (Well qualified), 3 (Qualified), 2 (Possibly qualified), and 1 (No recommendation).

Grade Level: 12
Pre-Requisites:
A-G status: F
Course Code: 4021, 4028

Course: ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE 1/2
Description: The AP French Language and Culture course is designed to promote proficiency in French and to enable you to explore culture in contemporary and historical contexts. The course focuses on communication. Students demonstrate skills and abilities in the Interpersonal, Interpretive, and Presentational modes of...
communication. The course encourages cultural awareness, developing an understanding and appreciation of various aspects of the cultures of the French speaking world including media, music and laws. Cultural practices and cultural perspectives are also included. Instructional content will reflect interests shared by you and your teacher (the arts, current events, literature, sports, global challenges, science and technology, and so forth). In addition to textbooks, materials might include websites, podcasts, films, newspapers, magazines, and literature. The course helps you develop language skills that can be applied beyond the French course in further French study and everyday life.

Grade Level: 12
Pre-Requisites: Instructor approval
A-G status: E
Course Code: 4061, 4068, 4069

Course: ADVANCED PLACEMENT ITALIAN LANGUAGE AND CULTURE 1/2
Description: The three modes of communication (Interpersonal, Interpretive, and Presentational) defined in the Standards for Foreign Language Learning in the 21st Century are foundational to the AP Italian Language and Culture course. The AP course provides students with opportunities to demonstrate their proficiency in each of the three modes in the Intermediate to Pre-Advanced range as described in the ACTFL Performance Guidelines for K–12 Learners. The AP Italian Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. In standards-based world language classrooms, the instructional focus is on function and not on the examination of irregularity and complex grammatical paradigms about the target language. Language structures should be addressed inasmuch as they serve the communicative task and not as an end goal unto themselves. The AP Italian Language and Culture course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. The AP Italian Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students’ awareness and appreciation of cultural products, both tangible (e.g., tools, books, music) and intangible (e.g., laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products.

Grade Level: 12
Pre-Requisites: None
A-G status: E
Course Code: 4101, 4124, 4102, 4125

Course: ADVANCED PLACEMENT GERMAN LANGUAGE 1/2
Description: The AP German Language course is designed to promote proficiency in German
and to enable you to explore culture in contemporary and historical contexts. The course focuses on communication. Students demonstrate skills and abilities in the Interpersonal, Interpretive and Presentational modes of communication. The course encourages cultural awareness, developing an understanding and appreciation of various aspects of the cultures of the German speaking world including media, music and laws. Cultural practices and cultural perspectives are also included. Instructional content will reflect interests shared by you and your teacher (the arts, current events, literature, sports, global challenges, science and technology, and so forth). In addition to textbooks, materials might include websites, podcasts, films, newspapers, magazines, and literature. The course helps you develop language skills that can be applied beyond the German course in further German study and everyday life.

Grade Level: 12
Pre-Requisites: Teacher Approval
A-G status: E
Course Code: 4081, 4082

**Course: ADVANCED PLACEMENT JAPANESE LANGUAGE AND CULTURE 1/2**

Description: The AP Japanese Exam assesses students' interpersonal communication skills, their abilities to present and interpret language in spoken and written forms, and their functional familiarity with Japanese culture. The AP Japanese exam is grounded in the "Standards for Japanese Language Learning" found in the Standards for Foreign Language Learning in the 21st Century. The AP Japanese Language and Culture examination is appropriate for students who have completed approximately 300 hours of instruction at the college level. The course and exam incorporate Japanese cultural information within the teaching of reading, writing, speaking, and listening to the language.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4121, 4119

**Course: ADVANCED PLACEMENT LATIN VIRGIL 1/2**

Description: The AP Latin Exam will test some or all of the following abilities, writing a literal English translation of a Latin passage on the syllabus; explicating specific words or phrases in context; identifying the context and significance of short excerpts from texts listed in the chosen syllabus; identifying and analyzing characteristic or noteworthy features of the authors' modes of expression, including their use of imagery, figures of speech, sound effects, and metrical effects (in poetry only), as seen in specific passages; discussing particular motifs or general themes not only suggested by passages but also relevant to other selections; analyzing and discussing structure and to demonstrate an awareness of the features used in the construction of a poem or an argument; examining the meters specified in the syllabus.

Grade Level:
Pre-Requisites: Teacher recommendation
A-G status: E
Course Code: 4141, 4142

Course: ADVANCED PLACEMENT SPANISH LANGUAGE 1/2
Description: An AP Spanish Language course is comparable to an advanced level (5th- and 6th-semester or the equivalent) college Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition.

The course objectives are to help you understand Spanish spoken by native speakers at a natural pace, develop an active vocabulary sufficient for reading newspaper and magazine articles, contemporary literature, and other non-technical writings (websites, letters and emails, advertisements, signs and instructions) in Spanish without dependence on a dictionary; express yourself by describing, narrating, inquiring, and developing arguments in Spanish, both orally and in writing, with reasonable fluency, using different strategies for different audiences and communicative contexts. In this course, special emphasis is placed on the use of authentic source materials and the integration of language skills. Therefore, you should receive extensive training in combining listening, reading, and speaking (or listening, reading, and writing) skills in order to demonstrate understanding of authentic Spanish-language source materials.

Grade Level:
Pre-Requisites: Chinese 7 or equivalent or recommendation by department head
A-G status: E
Course Code: 4161, 4170

Course: ADVANCED PLACEMENT SPANISH LITERATURE 1/2
Description: An AP Spanish Literature course is comparable to a third-year college introduction to Spanish literature course. It is based on a required reading list. The works on the list are of literary significance and represent various historical periods, literary movements, genres, geographic areas, and population groups within the Spanish-speaking world. The objective of the course is to help you interpret and analyze literature in Spanish.

Grade Level:

Pre-Requisites: Chinese 5 or equivalent or recommendation from department head
A-G status: E
Course Code: 4168, 4169

Course: CANTONESE 1/2
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the
language skills. This course includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies, transportations, weather. These grammatical structures will be covered: functional words, measure words, pronunciation (pinyin/4 tones) and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, and demonstratives.

Grade Level:
Pre-Requisites:
A-G status: E
Course Code: 4029, 4030

Course: CANTONESE 3/4
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, hobbies, zodiac animals. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: German 2 or equivalent or recommendation from department head
A-G status: E
Course Code: 4236, 4237

Course: CANTONESE 5/6
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions and the 把 and 被 structures.

Grade Level:
Pre-Requisites: Cantonese 6 or equivalent or recommendation from department head
A-G status: E
Course Code: 4238, 4239

**Course: CANTONESE 7/8**
Description Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions; family; vacation and travel; geography, demography and technology; men and women in today's world; the world of business; beliefs and ideologies; television and news; Asians in the United States; modern life; law and individual liberty; work and rest; and art and literature. Grammar structures include: Review of indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive/impersonal constructions; prepositions; articles/nouns/pronouns; adjectives/adverbs/prepositions; and some idiomatic expressions.

Grade Level:
Pre-Requisites: Cantonese 5/6 or equivalent or recommendation from department head
A-G status: E
Course Code: 4240, 4241

**Course: CHINESE 1-2**
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. This course includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies, transportations, weather. These grammatical structures will be covered: functional words, measure words, pronunciation (pinyin/4 tones) and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, and demonstratives.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4011, 4012, 4484, 4485
Course: CHINESE HONORS 1/2
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. This course includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies, transportations, weather. These grammatical structures will be covered: functional words, measure words, pronunciation (pinyin/4 tones) and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, and demonstratives. This course is taught at an Honors pace, but does not receive the additional point.

Grade Level:
Pre-Requisites: recommendation from department head
A-G status: E
Course Code: 4043, 4044

Course: CHINESE 3-4
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, hobbies, zodiac animals. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Chinese 1/2 or equivalent or recommendation from department head
A-G status: E
Course Code: 4013, 4014

Course: CHINESE 5-6
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject
pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions and the 把 and 被 structures.

Grade Level:
Pre-Requisites: Chinese 3/4 or equivalent or recommendation from department head
A-G status: E
Course Code: 4015, 4016

**Course: CHINESE 7/8**
Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions; family; vacation and travel; geography, demography and technology; men and women in today's world; the world of business; beliefs and ideologies; television and news; Asians in the United States; modern life; law and individual liberty; work and rest; and art and literature. Grammar structures include: Review of indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions; prepositions; articles/nouns/pronouns; adjectives/adverbs/ prepositions; and some idiomatic expressions.

Grade Level:
Pre-Requisites: Italian 5 or equivalent or recommendation from department head
A-G status: E
Course Code: 4017, 4018

**Course: CHINESE FOR NATIVE SPEAKERS 1/2E**
Description:
Grade Level:
Pre-Requisites: recommendation from department head
A-G status: E
Course Code: 4022, 4023

**Course: CHINESE FOR NATIVE SPEAKERS 3/4E**
Description:
Grade Level:
Pre-Requisites: recommendation from department head
A-G status: E
Course Code: 4024, 4025
Course: CHINESE FOR NATIVE SPEAKERS 5/6E
Description: 
Grade Level: 
Pre-Requisites: recommendation from department head 
A-G status: E 
Course Code: 4026, 4027

Course: CHINESE HONORS 3/4
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, hobbies, zodiac animals. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.
Grade Level: 
Pre-Requisites: A-G status: E 
Course Code: 4045, 4046

Course: CHINESE HONORS 5/6
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions and the 把 and 被 structures.
Grade Level: 
Pre-Requisites: A-G status: E 
Course Code: 4047, 4048

Course: FILIPINO 1/2
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. This course...
includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies,
transportations, weather. These grammatical structures will be covered: functional words, measure words,
pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to
express tense, verbs, possessive pronouns, and demonstratives.

Grade Level:
Pre-Requisites: Korean 2 or equivalent or recommendation from department head
A-G status: E (pending)
Course Code: 4031, 4032

Course: FRENCH 1/2
Description: A beginning course emphasizing the development of communication skills and the awareness of
target-language cultures through the activities and materials used to develop the language skills. This course
includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies,
transportations, weather. These grammatical structures will be covered: functional words, measure words,
pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to
express tense, verbs, possessive pronouns, and demonstratives.

Grade Level:
Pre-Requisites: Cantonese 3 or equivalent or recommendation from department head
A-G status: E
Course Code: 4051, 4052, 4463, 4464

Course: FRENCH 3/4
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening
and speaking skills. Students are encouraged to begin to create with the language, first orally and then in
writing, expanding on the high frequency situations of first year, including everyday routines, common
events, and narrations of past and future actions. This course includes likes and dislikes, feelings and
emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family,
occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered:
functional words, measure words, pronunciation and intonation, question sentence structures, adjectives,
subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative
sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Cantonese 5 or equivalent or recommendation from department head
A-G status: E
Course Code: 4053, 4054

Course: FRENCH 5/6
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review
previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Chinese 1E or equivalent or recommendation from Department Head
A-G status: E
Course Code: 4055, 4056

Course: FRENCH 3/4H
Description Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Cantonese 6 or equivalent or recommendation from department head
A-G status: E
Course Code: 4064, 4065

Course: FRENCH 5/6H
Description Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.
Grade Level:
Pre-Requisites: Chinese 2E or equivalent or recommendation from Department Head
A-G status: E
Course Code: 4066, 4067

**Course: HEBREW 1/2**
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. This course includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies, transportation, weather. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, and demonstratives.

Grade Level:
Pre-Requisites: Italian 4H or recommendation from department head
A-G status: E
Course Code: 4221, 4222

**Course: HEBREW 3/4**
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Japanese 2H or recommendation from department head
A-G status: E
Course Code: 4223, 4224

**Course: HEBREW 5/6**
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and
intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions. Grade Level:
Pre-Requisites: Japanese 6H or recommendation from department head
A-G status: E
Course Code: 4225, 4226

Course: HEBREW 7/8
Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions; family; vacation and travel; geography, demography and technology; men and women in today's world; the world of business; beliefs and ideologies; television and news; modern life; law and individual liberty; work and rest; and art and literature. Grammar structures include: Review of indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions; prepositions; articles/nouns/pronouns; adjectives/adverbs/ prepositions; and some idiomatic expressions.
Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4227, 4228

Course: ITALIAN 1/2
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. This course includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies, transportations, weather. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, and demonstratives.
Grade Level:
Pre-Requisites: Latin 4 or equivalent or recommendation from Department Head
A-G status: E
Course Code: 4091, 4092

Course: ITALIAN 3/4
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common
events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Pre-Requisites: Latin 4 or equivalent or recommendation from Department Head
A-G status: E
Course Code: 4093, 4094

**Course: ITALIAN 5/6**
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Pre-Requisites: Latin 4 or equivalent or recommendation from Department Head
A-G status: E
Course Code: 4095, 4096

**Course: ITALIAN 7/8**
Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions; family; vacation and travel; geography, demography and technology; men and women in today's world; the world of business; beliefs and ideologies; television and news; Asians in the United States; modern life; law and individual liberty; work and rest; and art and literature. Grammar structures include: Review of indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions; prepositions; articles/nouns/pronouns; adjectives/adverbs/ prepositions; and some idiomatic expressions.

Pre-Requisites: Latin 4 or equivalent or recommendation from Department Head
A-G status: E
Course Code: 4097, 4098
Course: ITALIAN 5/6H
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.
Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4089, 4090

Course: ITALIAN 7/8H
Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions; family; vacation and travel; geography, demography and technology; men and women in today's world; the world of business; beliefs and ideologies; television and news; Asians in the United States; modern life; law and individual liberty; work and rest; and art and literature. Grammar structures include: Review of indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions; prepositions; articles/nouns/pronouns; adjectives/adverbs/ prepositions; and some idiomatic expressions.
Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4103, 4104

Course: JAPANESE 1/2
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. This course includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies, transportations, weather. These grammatical structures will be covered: functional words, measure words,
pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, and demonstratives.

Grade Level:
Pre-Requisites: none
A-G status: E
Course Code: 4111, 4112

**Course: JAPANESE 3/4**
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Japanese ½ or recommendation from department head
A-G status: E
Course Code: 4113, 4114

**Course: JAPANESE 5/6**
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Japanese 3/4 or recommendation from department head
A-G status: E
Course Code: 4115, 4116

**Course: JAPANESE 7/8**
Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs
and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions; family; vacation and travel; geography, demography and technology; men and women in today’s world; the world of business; beliefs and ideologies; television and news; Asians in the United States; modern life; law and individual liberty; work and rest; and art and literature. Grammar structures include: Review of indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions; prepositions; articles/nouns/pronouns; adjectives/adverbs/prepositions; and some idiomatic expressions.

Grade Level:
Pre-Requisites: Japanese 5/6 or recommendation from department head
A-G status: E
Course Code: 4117, 4118

**Course: JAPANESE 5/6H**

Description: Grade Level: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Pre-Requisites: Japanese 3/4 or equivalent or recommendation from Department Head
A-G status: E
Course Code: 4122, 4123

**Course: JAPANESE 7/8H**

Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions. Grade Level:

Pre-Requisites: Japanese 5/6 or equivalent or recommendation from Department Head
Course: KOREAN 3/4
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.
Grade Level:
Pre-Requisites: Korean 1/2 or recommendation from Department Head
A-G status: E
Course Code: 4109, 4110

Course: KOREAN 5/6
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.
Grade Level:
Pre-Requisites: Korean 3/4 or recommendation from Department Head
A-G status: E
Course Code: 4213, 4214

Course: KOREAN 7/8
Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions;
family; vacation and travel; geography, demography and technology; men and women in today's world; the
world of business; beliefs and ideologies; television and news; Asians in the United States; modern life; law
and individual liberty; work and rest; and art and literature. Grammar structures include: Review of
indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of),
tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions;
prepositions; articles/nouns/pronouns; adjectives/adverbs/ prepositions; and some idiomatic expressions.

Grade Level:
Pre-Requisites: Korean 5/6 or recommendation from Department Head
A-G status: E
Course Code: 4206, 4207

Course: LATIN 1/2

Description: A beginning course emphasizing the development of communication skills and the awareness of
target-language cultures through the activities and materials used to develop the language skills. This course
includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies,
transportations, weather. These grammatical structures will be covered: functional words, measure words,
pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to
express tense, verbs, possessive pronouns, and demonstratives.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4131, 4132

Course: LATIN 3/4

Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening
and speaking skills. Students are encouraged to begin to create with the language, first orally and then in
writing, expanding on the high frequency situations of first year, including everyday routines, common
events, and narrations of past and future actions. This course includes likes and dislikes, feelings and
emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family,
occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered:
functional words, measure words, pronunciation and intonation, question sentence structures, adjectives,
subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative
sentences, comparative sentences, cohesive words & conjunctions.

Grade Level:
Pre-Requisites: Latin 1/2
A-G status: E
Course Code: 4133, 4134
**Course: LATIN 5/6**

Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.

Grade Level: Latin 3/4
Pre-Requisites: Chinese Language 7 or by recommendation from Department Head
A-G status: E
Course Code: 4135, 4136

**Course: LATIN 7/8**

Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs and literary selections. Students enhance their cultural awareness and appreciation for historical and contemporary society while further refining skills in the target language. The class is conducted exclusively in the target language. Topics include types and stereotypes; the human community; customs and traditions; family; vacation and travel; geography, demography and technology; men and women in today's world; the world of business; beliefs and ideologies; television and news; Asians in the United States; modern life; law and individual liberty; work and rest; and art and literature. Grammar structures include: Review of indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses; future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions; prepositions; articles/nouns/pronouns; adjectives/adverbs/ prepositions; and some idiomatic expressions.

Grade Level:
Pre-Requisites: Latin 5/6
A-G status: E
Course Code: 4137, 4138

**Course: RUSSIAN 1/2**

Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. This course includes greetings, introductions, family (numbers, ages), date and time, school life, body parts, food, hobbies, transportations, weather. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, and demonstratives.
Course: RUSSIAN 3/4
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. This course includes likes and dislikes, feelings and emotions, bigger number, shopping, locations, school life, clothes, colors, body parts, food, extended family, occupations, telecommunications, weather, and hobbies. These grammatical structures will be covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.
Grade Level:
Pre-Requisites: Russian 1/2 or equivalent or recommendation from department head
A-G status: E
Course Code: 4193, 4194

Course: RUSSIAN 5/6
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Topics covered include travel and vacations, eating, shopping, asking for directions, seeing a doctor, birthday celebration, job interviews, holidays, sports, personality. These grammatical structures are covered: functional words, measure words, pronunciation and intonation, question sentence structures, adjectives, subject pronouns, adverbial phrases to express tense, verbs, possessive pronouns, demonstratives, imperative sentences, comparative sentences, cohesive words & conjunctions.
Grade Level:
Pre-Requisites: Russian 3/4 or equivalent or recommendation from department head
A-G status: E
Course Code: 4195, 4196

Course: SPANISH 1/2
Description: A beginning course emphasizing the development of communication skills and the awareness of target-language cultures through the activities and materials used to develop the language skills. Students will listen to/read authentic texts and will identify learned words and phrases dealing with discrete elements of life. Students will produce learned words and phrases orally and in writing dealing with content contained in
highly predictable common daily settings. Topics include greetings, introductions, classroom, directions, numbers, time, alphabet, calendar, weather, seasons, preferences, personality, school, food, health, exercise, community, places, activities, sports, family, parties, celebrations, restaurants, home/rooms, household items, electronics, chores, clothes, colors, sizes, shopping, stores, prices, gifts, vacations, travel, work, careers, entertainment, television, music, technology, computers. Grammatical structures covered include: spelling, pronunciation; questions; stress and written accents; noun-adjective agreement; present tense of regular, and common irregular verbs; informal commands; progressive, possessives, demonstratives, object pronouns, intro. to the preterit

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4151, 4152

**Course: SPANISH 3/4**
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. Students will listen to/read transactional and some informal texts. They will identify the overall meaning, key ideas, and some supporting details. Students will produce sentences orally and strings of sentences in writing dealing with topics related to self and the immediate environment in transactional settings and in some informal situations. Topics include review and expansion of topics from Spanish 1-2: school/extracurricular activities, rules, special events, daily routine, places in city/town, shopping, driving/transportation, play, toys, holiday celebrations, disasters, emergencies, rescues, television programs, sporting events, movies, cooking, appliances, recipes, camping, travel, tourist behavior, safety, airports, hotels, future plans, earning a living, professions, future problems/solutions, and the environment. Grammatical structures covered include: review and expansion of structures from Spanish 1-2: stem changing verbs, comparisons, negation, reflexive construction, preterit and imperfect, future, present perfect, regular and irregular commands, intro. to the subjunctive.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4153, 4154

**Course: SPANISH 5/6**
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Students will listen to/read uncomplicated concrete and
factual texts related to the external environment. They will identify the main ideas and most supporting
details. Students will produce strings of sentences orally and paragraphs in writing dealing with
uncomplicated concrete and factual topics related to the external environment in most informal and some
formal settings. Topics include: review and expansion of topics from Spanish 3-4: outdoor activities, athletic
events, competitions, goals and prizes, art, music, drama, dance, performances and reviews, nutrition, physical
fitness, health, symptoms, remedies, friendship, relationships, conflicts, abilities, skills, job interviews,
volunteer work, professions, technology, archeology, myths, legends, cultures in contact, conserving the
environment, rights and responsibilities, and the role of government. Grammatical structures covered include:
review and expansion of structures from Spanish 3-4: subjunctive of regular, irregular and stem changing
verbs, with volition, emotion, doubt, in adjectival clauses, with conjunctions; sequence of tenses, imperfect
subjunctive, conditional, and passive.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4155, 4156

Course: SPANISH 7/8
Description: Emphasis is placed on advanced work in all modes. Students read comment on, criticize and
present from authentic language newspaper and magazine articles, broadcasts, videos, films, web pages, blogs
and literary selections. Students enhance their cultural awareness and appreciation for historical and
contemporary society while further refining skills in the target language. The class is conducted exclusively in
the target language. Topics include types and stereotypes; the human community; customs and traditions;
family; vacation and travel; geography, demography and technology; men and women in today's world; the
world of business; beliefs and ideologies; television and news; Latinos in the United States; modern life; law
and individual liberty; work and rest; and art and literature. Grammar structures include: Review of
indicative/subjunctive/commands; preterit/imperfect; participles; progressive/compound/sequence (of), tenses;
future/conditional; present perfect and past perfect tenses; reflexive/passive /impersonal constructions;
prepositions; articles/nouns/pronouns; adjectives/adverbs/ prepositions; and some idiomatic expressions.
Grade Level: 12
Pre-Requisites: None
A-G status: E
Course Code: 4157, 4158

Course: SPANISH FOR NATIVE SPEAKERS 1/2E
Description: A beginning course emphasizing the development of communication skills and the awareness of
target-language cultures through the activities and materials used to develop the language skills. Students will
listen to/read authentic texts and will identify learned words and phrases dealing with discrete elements of life.
Students will produce learned words and phrases orally and in writing dealing with content contained in
highly predictable common daily settings. Topics include greetings, introductions, classroom, directions,
numbers, time, alphabet, calendar, weather, seasons, preferences, personality, school, food, health, exercise, community, places, activities, sports, family, parties, celebrations, restaurants, home/rooms, household items, electronics, chores, clothes, colors, sizes, shopping, stores, prices, gifts, vacations, travel, work, careers, entertainment, television, music, technology, computers. Grammatical structures covered include: spelling, pronunciation; questions; stress and written accents; noun-adjective agreement; present tense of regular, and common irregular verbs; informal commands; progressive, possessives, demonstratives, object pronouns, intro. to the preterit

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4147, 4148

**Course: SPANISH FOR NATIVE SPEAKERS 3/4 E**

Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. Students will listen to/read transactional and some informal texts. They will identify the overall meaning, key ideas, and some supporting details. Students will produce sentences orally and strings of sentences in writing dealing with topics related to self and the immediate environment in transactional settings and in some informal situations. Topics include review and expansion of topics from Spanish 1-2: school/extracurricular activities, rules, special events, daily routine, places in city/town, shopping, driving/transportation, play, toys, holiday celebrations, disasters, emergencies, rescues, television programs, sporting events, movies, cooking, recipes, camping, travel, tourist behavior, safety, airports, hotels, future plans, earning a living, professions, future problems/solutions, and the environment. Grammatical structures covered include: review and expansion of structures from Spanish 1-2: stem changing verbs, comparisons, negation, reflexive construction, preterit and imperfect, future, present perfect, regular and irregular commands, intro. to the subjunctive.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4149, 4150

**Course: SPANISH FOR NATIVE SPEAKERS 5/6E**

Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Students will listen to/read uncomplicated concrete and factual texts related to the external environment. They will identify the main ideas and most supporting
details. Students will produce strings of sentences orally and paragraphs in writing dealing with uncomplicated concrete and factual topics related to the external environment in most informal and some formal settings. Topics include: review and expansion of topics from Spanish 3-4: outdoor activities, athletic events, competitions, goals and prizes, art, music, drama, dance, performances and reviews, nutrition, physical fitness, health, symptoms, remedies, friendship, relationships, conflicts, abilities, skills, job interviews, volunteer work, professions, technology, archeology, myths, legends, cultures in contact, conserving the environment, rights and responsibilities, and the role of government. Grammatical structures covered include: review and expansion of structures from Spanish 3-4: subjunctive of regular, irregular and stem changing verbs, with volition, emotion, doubt, in adjectival clauses, with conjunctions; sequence of tenses, imperfect subjunctive, conditional, and passive.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4145, 4146

**Course: SPANISH HONORS 3/4**
Description: Continuation and expansion of skills mastered in the first year, with emphasis on the listening and speaking skills. Students are encouraged to begin to create with the language, first orally and then in writing, expanding on the high frequency situations of first year, including everyday routines, common events, and narrations of past and future actions. Students will listen to/read transactional and some informal texts. They will identify the overall meaning, key ideas, and some supporting details. Students will produce sentences orally and strings of sentences in writing dealing with topics related to self and the immediate environment in transactional settings and in some informal situations. Topics include review and expansion of topics from Spanish 1-2: school/extracurricular activities, rules, special events, daily routine, places in city/town, shopping, driving/transportation, play, toys, holiday celebrations, disasters, emergencies, rescues, television programs, sporting events, movies, cooking, appliances, recipes, camping, travel, tourist behavior, safety, airports, hotels, future plans, earning a living, professions, future problems/solutions, and the environment. Grammatical structures covered include: review and expansion of structures from Spanish 1-2: stem changing verbs, comparisons, negation, reflexive construction, preterit and imperfect, future, present perfect, regular and irregular commands, intro. to the subjunctive.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4164, 4165

**Course: SPANISH HONORS 5/6**
Description: Students continue to develop linguistic skills and to expand on vocabulary as well as to review previous material. The class is taught in the target language. Students are expected to be able to understand
and sustain conversation, to formulate question answer patterns and to begin writing in the target language with coherence and correct grammatical application. Students will listen to/read uncomplicated concrete and factual texts related to the external environment. They will identify the main ideas and most supporting details. Students will produce strings of sentences orally and paragraphs in writing dealing with uncomplicated concrete and factual topics related to the external environment in most informal and some formal settings. Topics include: review and expansion of topics from Spanish 3-4: outdoor activities, athletic events, competitions, goals and prizes, art, music, drama, dance, performances and reviews, nutrition, physical fitness, health, symptoms, remedies, friendship, relationships, conflicts, abilities, skills, job interviews, volunteer work, professions, technology, archeology, myths, legends, cultures in contact, conserving the environment, rights and responsibilities, and the role of government. Grammatical structures covered include: review and expansion of structures from Spanish 3-4: subjunctive of regular, irregular and stem changing verbs, with volition, emotion, doubt, in adjectival clauses, with conjunctions; sequence of tenses, imperfect subjunctive, conditional, and passive.

Grade Level:
Pre-Requisites: None
A-G status: E
Course Code: 4166, 4146
## Visual and Performing Arts

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<th>Galileo</th>
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<th>ISA</th>
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Course: ADVANCED ART IN ARCHITECTURE 1/2
Description: This course is designed to consider the social, aesthetic and physical factors (people, forms, light, climate and available materials) involved in the design of structures for human needs. The course stresses the use of the classroom as an area in which the instructor and the students collaborate in the process of design and criticism. This is the second semester course of Art in Architecture (Advanced).
Grade Level:
Pre-Requisites: Art in Architecture
A-G status: F
Course Code: 6012, 6013

Course: ADVANCED ART
Description: This is an advanced course for students who have serious interest in art. The content continues the development of competence in drawing skills and in appropriate techniques and approaches to painting.
Grade Level: 10-12
Pre-Requisites: Art 1/2
A-G status: F
Course Code: 6025

Course: ADVANCED PLACEMENT ART 2-DIMENSIONAL 1/2
Description: This course meets College Board Advanced Placement requirements. It enables students to develop proficiency in two-dimensional design using a variety of art forms. These could include, but are not limited to, graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, or printmaking. Students acquire depth and breadth of understanding of the principles and elements of art as they develop quality artwork, focus on an area of concentration, and work in a variety of two-dimensional art forms and techniques. Students develop a portfolio to be submitted for advanced placement credit.
Grade Level: 11-12
Pre-Requisites: Drawing 1-2 or consent of instructor
A-G status: F
Course Code: 6037, 6038

Course: ADVANCED PLACEMENT ART 3-DIMENSIONAL 1/2
Description: The Advanced Placement Program in Studio Art: 3-D Design is a performance-based visual exam. Each student develops and submits a portfolio that serves as a direct demonstration of achievement. The term "3-D Design" is used very broadly; a wide range of work can fit into this portfolio. Logically, work that is submitted for this portfolio will explore depth and space -- that is, the issues of working in three dimensions. Content, style, and process are completely open. Whatever direction the student chooses, the work should address such issues as mass, volume, form. Any three-dimensional medium may be used for this portfolio.
Grade Level: 11-12
Pre-Requisites: Consent of instructor
A-G status: F
Course Code: 6041, 6042
Course: ADVANCED PLACEMENT STUDIO ART DRAWING 1/2
Description: The Advanced Placement Program in Studio Art: Drawing is a performance-based visual exam. Each student develops and submits a portfolio that serves as a direct demonstration of achievement. The term "drawing" is used very broadly; all sorts of art that involves directly making marks on a surface can fit into this portfolio. This includes not only work in traditional drawing media -- such as pencils, ink, and pastels -- but also many kinds of painting, printmaking, and other forms of expression. In the Drawing portfolio, mastery of drawing can be demonstrated through a wide range of approaches and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and the illusion of depth are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational, and inventive works may be submitted. The range of marks used to make drawings, the arrangement of the marks, and the materials used to make the marks are endless.
Grade Level: 11-12
Pre-Requisites: None
A-G status: F
Course Code: 6037, 6038, 6043, 6044

Course: ADVANCED PLACEMENT ART HISTORY 1/2
Description: The student prepares for the Advanced Placement examination in this subject. Through a chronological survey of western art, the course will cover architecture, painting, sculpture, arts and crafts. AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history. In the course, students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. They learn to look and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. A meaningful way to experience works of art is learning to frame an understanding that relates how and why works of art communicate visual meaning. An introductory college art history course content generally covers the various art forms in the following proportions: 40-50% painting and drawing, 25% architecture, 25% sculpture, and 5-10% other media (printmaking, photography, ceramics, fiber arts, etc.). The AP Art History course content and AP Examination reflect these distributions.
Grade Level: 11-12
Pre-Requisites: None
A-G status: F
Course Code: 6030, 6033, 6034

Course: ADVANCED PLACEMENT MUSIC THEORY
Description: This Advanced Placement course is an in-depth study of the structure of music with respect to musical notation, melody, harmony, rhythm, meter, and texture. Students must be prepared to study all major/minor scales and modes including all key signatures. In addition, students will apply themselves to analysis of musical scores identifying harmonic intervals, chord structure, chord inversions and chord progressions. Students will learn sight singing, dictation and other ear training skills. The scope of this course will be to seek mastery of the elements and properties of music including an in-depth study of intervals, scales, chords, metric/rhythmic patterns, aural, analytical, compositional and orchestration skills. Students will become familiar with the many forms and styles of music. In addition, students will create melodies, write for four or more parts in styles of the past through the present. Students will be encouraged to listen to musical works attentively and analytically, developing their "musical memory" and their responsiveness to the forma, stylistic, and other aesthetic qualities of all types of music of this country and countries around the world. Students will be prepared to take the Advanced Placement Exam for "Music Theory".
Grade Level: 11-12
Pre-Requisites: Placement Test
A-G status: F
Course Code: 7105
Course: ANIMATIONS 1-4
Description: Students learn animation skills in a hands-on studio environment that emphasizes a strong foundation in basic artistic theory and drawing technique. Students will explore and create their own work in diverse cartoon medium using a variety of techniques.
Grade Level: 10-12
Pre-Requisites: None
A-G status: F
Course Code: 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009

Course: ART 1/2
Description: This basic course in the fundamentals of art expression includes experiences in drawing, painting, two and three dimensional design and art appreciation. Projects include drawing, painting, clay, lettering, printing and much more. A basic art class that introduces the beginning artist to a variety of art techniques, methods, and concepts that will promote creative expression. Students will learn to appreciate the efforts and work ethics of others. Students will be instructed in the art forms of several cultures including historical impacts and contributions.
Grade Level: 9 to 10
Pre-Requisites: None
A-G status: F
Course Code: 6010, 6015, 6020, 6024

Course: ART ADVANCED
Description: This is an advanced course for students who have serious interest in art. The content continues the development of competence in drawing skills and in appropriate techniques and approaches to painting.
Grade Level: 10-12
Pre-Requisites: Art 1/2
A-G status: F
Course Code: 6025

Course: ART HISTORY
Description: This is a study of the history and appreciation of art including architecture, painting and related arts. The course stresses the relationship of art to social, political and historical development.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 6028

Course: ART IN ARCHITECTURE 1/2
Description: This course considers the social, aesthetic and physical factors (people, form, light, climate, color, and available materials) involved in designing structures for human needs. The course stresses the use of the classroom as an area in which the instructor and the students collaborate in the process design and criticism.
Grade Level: 10-12
Pre-Requisites: One year of Architectural Design, Freehand Drawing or Painting
A-G status: F
Course Code: 6011, 6021
**Course: ARCHITECTURAL DESIGN 1/2**
Description: This is the introductory course in Architectural Design. It is designed to develop some fundamental skills in drawing, mechanical and freehand, visualization, orientation and rotation of objects along with some standard visual communication techniques. Students learn the basics of architectural design, drafting, auto-CAD, rendering and planning. Students acquire an understanding of the progressions of architecture, engineer, designer, draftsperson, and the roles each pla in the design, planning and building process as it relates to the construction industry. They will learn to express their ideas through freehand drawing, mechanical drawing, rendering, and computer graphics.
Grade Level: 10-12
Pre-Requisites: None
A-G status: F
Course Code: 5145, 5146

**Course: BAND - ADVANCED**
Description: Continuing music students will master technical skills on their respective instruments as well as reading and writing music notation. Emphasis will be placed on interpretation and phrasing, historical and multicultural contributions. Through the performance of a variety of music literature, styles and forms of music will be discussed and evaluated. Continuing instruction will be given in music theory and in listening to music. Students are expected to attend all scheduled performances.
Grade Level: 9-12
Pre-Requisites: Intermediate Band
A-G status: F
Course Code: 7030

**Course: BAND - BEGINNING**
Description: Instruction will be given to students interested in becoming acquainted with Wind and Percussion instruments. Space is available for two students interested in Electric Guitar and Electric Bass. Students will be assisted in learning all aspects of producing a sound on a musical instrument along with music reading, music theory, selected historical and cultural contributions.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 7010

**Course: BAND - INTERMEDIATE**
Description: Continuing music students will perfect all music skills learned in the lower grades. Continuing instruction will be given in music reading, music theory, and selected historical and cultural contributions. Students will perform more advanced music and are expected to attend all scheduled performances.
Grade Level: 9-12
Pre-Requisites: Beginning Band
A-G status: F
Course Code: 7020

**Course: BASIC THEATRE 1/2**
Description: This course provides an opportunity for students to study drama as a performing art, an academic discipline, an aesthetic experience and a craft. Through exercises in emotional response, body movement, and oral interpretation, the students experience basic acting techniques, as well as acquire the technical knowledge of stage movement, basic makeup, and basic costuming.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F (as Drama)
Course Code: 6356, 6357, 7304
Course: CERAMICS 1/2
Description: This course offers exploratory work in ceramic design and provides experience with techniques for the construction and surface decoration of clay. Experiences include direct clay modeling, slab building, and coil construction after developing some skills. Students are encouraged to develop their own projects.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 6040, 6048, 6049, 6050

Course: CERAMICS ADVANCED 1/2
Description: This course extends the skills developed in first-year ceramics with increasing emphasis in the areas of wheel throwing (pots, closed-forms, sectionals, repeated forms, mound throwing, lid-forms, sculptured pottery, amphorae, vases and bowls), firing techniques (raku, kiln loading and unloading for bisque and glaze firing), glazing techniques, and sculpture forms from clay.
Grade Level: Pre-Requisites: Ceramics 1
A-G status: F
Course Code: 6055, 6056

Course: COMPUTER ART 1/2
Description: The student is introduced to the computer as a technological medium for original creative expression. The course helps prepare students for the technological job market through a practical, hands-on understanding of the role of artists and technicians in the development of computer art.
Grade Level: 11-12
Pre-Requisites: Placement Test
A-G status: F
Course Code: 6035, 6036, 6053, 6054

Course: COMPUTER ART 3/4
Description: Students learn communication skills with web-based technologies. Students will become proficient with various computer applications, will develop a higher-level understanding of color and design for digital media. In creating web-based finished products, students will gain skills in inquiry-based learning, project management, teamwork and problem solving. Students are also exposed to aesthetic valuing and creative communication.
Grade Level: 11-12
Pre-Requisites: None
A-G status: F
Course Code: 6051, 6052

Course: DANCE - BEGINNING
Description: Basic techniques of ballet, modern and jazz dance is taught. Students develop poise, strength, flexibility, coordination, rhythm and creativity.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 7040

Course: DANCE - INTERMEDIATE
Description: Further techniques of ballet, modern and jazz dance are taught with emphasis on creating and performing for school assemblies, special performances, and other school activities.
Grade Level: 9-12
Pre-Requisites: Beginning Dance, audition
Course: DANCE - ADVANCED
Description: Students become highly skilled in any or all of the techniques to the maximum of their abilities with emphasis on creating and performing.
Grade Level: 
Pre-Requisites: Beginning, intermediate dance or audition
A-G status: F
Course Code: 6341, 6342, 7060

Course: DRAMA 1/2
Description: Students study drama as a performing art, an academic discipline, an aesthetic experience and a craft. Through exercises in emotional response, body movement, and oral interpretation, students experience basic acting techniques as well as acquire technical knowledge of stage movement, basic makeup, and basic costuming. This course is designed to introduce students to the fundamentals of acting. Students will gain experience as performers through mime, stage movement, improvisation, building a character and acting in scenes from selected plays. Students will study the origins of Theater Art, from Pre-History to Post Modern.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 6356, 6357, 7301, 7303

Course: THEATRE INTERMEDIATE 1
Description: 
Grade Level: 
Pre-Requisites: None
A-G status: F
Course Code: 6358, 6359, 6355, 6362

Course: DRAWING 1/2
Description: Students express themselves realistically through subjects such as figure drawing, portraits, animals, and perspective. Techniques include pencil rendering, pen and ink, charcoal, crayon and pastel. The student will be acquainted with the possibilities inherent in the use of graphic media utilizing a variety of drawing skills and equipment. Students will learn to appreciate the efforts and work ethics of others. Students will be instructed in art forms of several cultures including historical impacts and contributions.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 6130, 6140

Course: GUITAR-BEGINNING
Description: Students will be instructed in learning all aspects of producing a sound on the Acoustical Guitar along with music reading, music theory, and selected historical and cultural contributions.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 7070
Course: GUITAR-INTERMEDIATE
Description: Continuing music students will perfect all music skills learned in the lower grades. Continuing instruction will be given in music reading, music theory and selected historical and cultural contributions. A variety of music will be performed.
Grade Level: 9-12
Pre-Requisites: Beginning Guitar
A-G status: F
Course Code: 7080

Course: GUITAR - ADVANCED
Description: Continuing Guitar students will master technical skills learned in the lower level Guitar classes. Emphasis will be placed on rhythmic and lead guitar playing, interpretation and phrasing as well as historical and multicultural contributions. Through the performance of a variety of music literature, styles and forms of music will be discussed and evaluated. Continuing instruction will be given in music theory and listening to music.
Grade Level: 9-12
Pre-Requisites: Intermediate Guitar
A-G status: F
Course Code: 7090

Course: INTERMEDIATE DRAMA
Description: Students continue developing their acting and improvisational skills, scene analysis, directing skills, and preparation for auditions at the professional level. Projects include, but are not limited to, a student directed one-act play festival, contemporary and classical monologue and scene preparation or reviewing for professional theater productions.
Grade Level: 9-12
Pre-Requisites: Teacher consent
A-G status: F
Course Code: 7302
Course: INTERMEDIATE MEDIA ARTS PRODUCTION
Description: Students create and develop media projects, from initial story concept, storyboarding, scriptwriting, script editing, filming, editing and post-production. Emphasis is on effective communication and aesthetics.
Grade Level: 10-12
Pre-Requisites: Teacher consent
A-G status: F
Course Code: 7302

Course: JAZZ BAND
Description: This performance course teaches techniques and skills characteristic to jazz. The student plays many different styles of jazz from big band to modern progressive swing.
Grade Level: 9-12
Pre-Requisites: audition
A-G status: F
Course Code: 7100

Course: MEDIA ARTS 1-4
Description: Students learn communication skills with video and other multimedia technologies. Students will become proficient in camera, audio, and video editing technologies. Students will gain skills in inquiry-based learning, project management, teamwork, client service, and problem solving. Students are also exposed to aesthetic valuing and creative challenges. Students will leave this class with a portfolio of work demonstrating skills that could be applied to areas as broad as print media or architecture.
Grade Level: 10-12
Pre-Requisites: None
A-G status: F
Course Code: 6312, 6313, 6314, 6315

Course: MEDIA ARTS 5/6
Description: Students already are proficient with web-based technologies, as well as camera, audio, and video editing technologies. Students will now apply those skills to producing two polished media products which communicate ideas/opinions/information. Students are encouraged to work on teams to produce short videos (3-5 minutes). They may also opt to use this year to develop a polished portfolio which demonstrates sophisticated understanding of design principles and current technologies.
Grade Level: 10-12
Pre-Requisites: Media Arts 3&4
A-G status: F
Course Code: 6316, 6317

Course: MULTIMEDIA 1/2
Description: This course provides a hands-on introduction to multi-media creation and digital video production. It guides students through all phases of multi-media/digital video production, from planning, executing/filming, to editing digital footage using various software products. Students explore several methods of sharing and broadcasting multi-media/digital videos, including platform versions, CDs/DVDs, and web streaming. Students will also learn about publicizing their digital media for the most visibility. Career opportunities in multi-media and digital video production will also be explored throughout the year. This course is part of the Academy of Information Technology course sequence.
Grade Level: 10-12
Pre-Requisites: Mixing and managing digital audio in multi-media/video projects
A-G status: F
Course Code: 2453, 2454
Course: MUSIC APPRECIATION
Description: This course covers the elements that make up music, from Bach to Rock. The student is involved in an in-depth study of what to listen for and how to listen to music. Students are required to attend and review a number of concerts each semester in addition to daily listening.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 7110

Course: ORCHESTRA-ADVANCED
Description: Continuing music students will master technical skills on their respective instruments as well as reading and writing music notation. Emphasis will be placed on interpretation, phrasing, historical and multicultural contributions, and through the performance of a variety of music literature, styles and forms of music will be discussed and evaluated. Continuing instruction will be given in music theory and in listening to music. Students are expected to attend all scheduled performances.
Grade Level: 10-12
Pre-Requisites: Intermediate Orchestra
A-G status: F
Course Code: 7160

Course: ORCHESTRA-INTERMEDIATE
Description: Continuing music students will perfect all music skills learned in the lower grades. Continuing instruction will be given in music reading, music theory, and selected historical and cultural contributions. Students will perform more advanced music and are expected to attend all scheduled performances.
Grade Level: 9-12
Pre-Requisites: String instruction in the lower grades or recommendation of the instructor
A-G status: F
Course Code: 7150

Course: PAINTING 1/2
Description: Students have the opportunity to experiment with watercolor, oils and acrylics, plus other more advanced media. There is an introduction to the basic principles of design (line, color, value, texture, shape and space) and composition and use of tools to produce a finished product.
Grade Level: 10-12
Pre-Requisites: Art 1/2
A-G status: F
Course Code: 6190, 6200

Course: PAINTING ADVANCED 1/2
Description: Continuing students will master the techniques learned in Painting 1-2 along with advanced media and technical applications. Further study is required into art history and multicultural influences as it relates to art, mankind and society with more emphasis on critical thinking, personal observations and research. Students are expected to enter contests and volunteer to do art projects for the school and community when the need arises.
Grade Level: 10-12
Pre-Requisites: Painting 1-2
A-G status: F
Course Code: 6210, 6211
Course: PHOTOGRAPHY 1/2
Description: Students learn the science of photography, including the study of lenses, optics, camera building and darkroom techniques. Students will photograph, develop and enlarge pictures.
Grade Level: 10-12
Pre-Requisites: Art 1/2
A-G status: F
Course Code: 6220, 6230

Course: PHOTOGRAPHY 1/2
Description: This introductory course explores photography as a form of communication. Students develop an understanding of art principles and the technical skills necessary to communicate effectively in the medium of photography. This course teaches basic technical skills including using 35mm cameras, expose, processing, enlarging and printing film. Students learn the relationship of photography to other art forms and receive an overview of careers in photography and related fields.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 6395, 6396, 6220, 5350, 5360, 6230

Course: PHOTOGRAPHY ADVANCED
Description: This advanced course provides students with the opportunity to expand and enhance the skills developed in Photography 1/2. Emphasis is placed on a review of the principles of black and photography, color and the transition to digital photography.
Grade Level: 10-12
Pre-Requisites: Consent of instructor
A-G status: F
Course Code: 5370, 6397

Course: PIANO BEGINNING 1
Description: Students will be instructed in the basics of playing the Piano along with fundamental Piano Pedagogy, music reading and theory and selected historical and multicultural contributions.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 6363, 6364

Course: PIANO INTERMEDIATE 1
Description: Continuing music students will expand upon all music skills learned in Beginning Piano 1-2. Emphasis will be placed on interpretation, performance techniques and learning a well rounded music repertoire. Continuing instruction will be given in music reading and theory, and selected historical and cultural contributions.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F
Course Code: 6365, 6366

Course: PIANO ADVANCED 1/2
Description: Continuing Piano students will master technical skills learned at the lower levels of Piano classes. Emphasis will be placed on more advanced performance skills along with music theory and terminology, interpretation, research, writing, reading, and aural dissemination, music history and multicultural experiences and the ability to make aesthetic judgments.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F

SFUSD 2011-2012 Course Catalog
Course Code: 6367, 6368  
**Course: PIANO LAB 1 - 8**  
Description: The piano class or laboratory provides for the development of musical skills through the study and performance of keyboard literature suited to various levels of instruction. The course provides also for the sequential development of skills and understanding in piano performance.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: F  
Course Code: 7170, 7180, 7190, 7200, 7210, 7220, 7221, 7222

**Course: SYMPHONIC BAND 1/2**  
Description: Symphonic Band is an advanced instrumental music class. Students must be able to play their instrument with a high degree of skill. The band gives a number of performances for the general public and at music festivals.  
Grade Level: 9-12  
Pre-Requisites: Band 1/2 and consent of instructor  
A-G status: F  
Course Code: 7032, 7033

**Course: SYMPHONY ORCHESTRA 1/2**  
Description: This course provides for skill and aesthetic development at all levels. Performance skills are developed to the highest level for the individual student.  
Grade Level: 10-12  
Pre-Requisites: Orchestra 1/2  
A-G status: F  
Course Code: 7162, 7163

**Course: THEATRE TECH BEGINNING 1-4**  
Description: Continuing students will receive additional instruction in all aspects of operating and maintaining the stage, auditorium, off stage areas, lighting equipment and the sound system. This will be a training ground for students wishing to become Stage Manager or Assistant Stage Managers. Students will be required to be available for all selected activities.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: F  
Course Code: 6369, 6370, 7305, 7306, 7307

**Course: THEATRE TECH INTERMEDIATE 1-4**  
Description: Continuing students will receive additional instruction in all aspects of operating and maintaining the stage, auditorium, off stage areas, lighting equipment and the sound system. This will be a training ground for students wishing to become Stage Manager or Assistant Stage Managers. Students will be required to be available for all selected activities.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: F  
Course Code: 6374, 6375, 6376, 6371, 7300

**Course: THEATER TECHNOLOGY ADVANCED 1-4**  
Description: This course provides challenging technical theater opportunities for the advanced technician, including leadership roles such as crew chief or house manager, mainstage production team, design assignments, dramaturgy, research or box office management. Students learn advanced skills in technical theater, including set design, costume design and creation, makeup design and application, special effects, lighting and sound and stage management.  
Grade Level:  
Pre-Requisites: None
A-G status: F  
Course Code: 6372, 6373, 7307  
**Course: VOCAL LAB ADVANCED 1-4**  
Description: Advanced vocal students explore concepts of blend, intonation, tone quality, critical listening, arranging, and rehearsing. Individual instruction in the continuing development of the singer’s vocal ability with emphasis on building a technique appropriate to the repertoire suitable to the singer’s voice classification.  
Grade Level: 9-12  
Pre-Requisites: Teacher consent  
A-G status: F  
Course Code: 6443, 6444, 6428, 6429

**Course: VOCAL MUSIC-ADVANCED**  
Description: Students will receive advanced instruction in aspects of singing. Instruction will include music writing, theory and terminology, music history, appreciation and multicultural influences, ear training and sight reading. Emphasis will be placed on interpretation and research along with the student's ability to make aesthetic judgements. A more sophisticated understanding of the nature, structure, and meaning of music will be accomplished through the study and performance of more advanced choral literature. Students will be expected to attend all scheduled performances.  
Grade Level: 9-12  
Pre-Requisites: Teacher consent  
A-G status: F  
Course Code: 7250

**Course: VOCAL MUSIC-BEGINNING**  
Description: Students will receive instruction in the basics of voice production and development, proper breathing and diction, music reading, listening and terminology, various rhythms and patterns, music theory and history, along with multicultural contributions. A variety of music will be performed.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: F  
Course Code: 7230

**Course: VOCAL MUSIC-INTERMEDIATE**  
Description: Students will receive continuing instruction in voice development and singing a variety of choral music, music theory and history along with multicultural contributions. Students will be further exposed to more difficult choral literature and learn to sing more complex parts. The skills of reading music, along with the application of music fundamentals and terminology and ear training will be stressed and listening skills addressed. Students will learn how to apply the necessary skills and techniques in performing as soloists and in larger ensembles. Students are expected to attend all scheduled performances.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: F  
Course Code: 7240

**Course: WORLD ARTS 1**  
Description: Students learn the fundamental concepts of the history of world art. Students analyze and critique works of world art, explaining specific cultural styles. Students learn aesthetic values, as well as the cultural and historical issues related to artistic expression, including power relationship and diversity issues as they relate to world art.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: F  
Course Code: 6310, 6311
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Course: ADVANCED CREATIVE WRITING
Description: Students write on a daily basis in and out of class. Teacher facilitates student discussions on basic literary elements, such as symbolism, figurative language and other tropes. Students write, read, and critique each other's work. Teacher assumes role of facilitator, remaining sensitive to students' individual creative capacities.
Grade Level: 12th
Pre-Requisites: B or better in an English honors course the previous year.
A-G status: G
Course Code: 1147

Course: ADVANCED PLACEMENT COMPUTER SCIENCE A 1/2
Description: Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 2450, 2452

Course: ADVANCED PLACEMENT MACROECONOMICS
Description: A study of both macroeconomic forces in a capitalist economy. Topics include basic concepts, measurements of economic performance in the national economy, determination of prices and national income, and international economic activities.
Grade Level: 12
Pre-Requisites: Teacher Approval
A-G status: G
Course Code: 1612

Course: ADVANCED PLACEMENT MICROECONOMICS
Description: A study of microeconomic forces in a capitalist economy. Topics include basic concepts; nature and functions of product, land, labor, and capital markets; and efficiency, equity, and the role of government in the economic system. The macroeconomics portion of the course gives students a thorough understanding of the principles of economics that apply to an economic system as a whole, including national income and price determination, economic performance measures, economic growth, and international economics. The microeconomics portion of the course provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It emphasizes the nature of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.
Grade Level: 12
Pre-Requisites: Teacher Approval
A-G status: G
Course Code: 1613
Course: ADVANCED PLACEMENT PSYCHOLOGY 1/2
Description: An introduction to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students learn psychological facts, principles and phenomena associated with each of the major subfields within psychology, and they learn about the methods psychologists use in their science and practice. This is the second semester of a year-long course. The Advanced Placement course in psychology introduces the scientific study of the behavior and mental processes of human beings and other animals. Students learn the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their work.
Grade Level: 12
Pre-Requisites: Teacher Approval
A-G status: G
Course Code: 1662, 1663

Course: ARGUMENTATION
Description: Students study the arguments of great speakers and writers to perfect their argumentative speaking and writing. They are required to present their arguments orally as well as in writing and refine their use of voice in writing. There is analysis of, and intensive practice in, writing, revising, and evaluating of various forms of argument and persuasion. Students write essays following the writing process. Class and small group discussions are a part of the course.
Grade Level: 11-12
Pre-Requisites: Expository Writing
A-G status: G
Course Code: 1143

Course: AVID SENIOR SEMINAR
Description: The AVID Senior Seminar is the culmination of a student’s years in the AVID program, and the course involves substantial critical reading and writing preparation for exams and college level course work, and weekly Socratic seminars. Students are required to complete weekly timed writings, make presentations to the class on topics related to college entrance, contemporary issues and social concerns. Seniors are required to present a portfolio showcasing a collection of their completed work.
Grade Level: 12
Pre-Requisites: None
A-G status: G
Course Code: 9807

Course: C PROGRAMMING 1/2
Description: This course introduces the basic concepts of computer science including the ethical and social impacts of computing. Emphasis is given to problem-solving, problem analysis, and algorithm design. This course offers programming concepts using C programming languages. Students will learn about and use variable, data types and operators. Students will be introduced to arrays, flow-control, exception handling and differing data structures, and apply this knowledge in hands-on experiences. In this course, students will learn the fundamentals of computer programming from a practical perspective. The thematic focus will be video games, and the structure of projects in class will mirror the professional norms of the game industry. In addition to the programming and design work, some reading (both mainstream media articles and technical information) and writing (both expository and reflective) will be required.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 2459, 2460, 2461, 2462, 2463, 2466, 2467, 2468, 2469, 2472, 3706
**Course: COMPUTER APPLICATIONS 1-4**
Description: This course provides a thorough understanding and practice with the Microsoft Office Suite of programs, including: MS Word, MS PowerPoint, and MS Excel. Useful and common free office Web-based applications will be included in instruction also. Exposure to methods of using the World Wide Web as a resource tool will be explored as well as development of keyboarding skills. This course is part of the Academy of Information Technology course sequence. For academy students, successful completion of this course will make students eligible to participate in a paid summer internship at a local business between the student’s junior and senior years.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 2446, 2447, 2451, 8796, 8797

**Course: COMPUTER PROGRAMMING 1/2**
Description: This course introduces the basic concepts of computer science including the ethical and social impacts of computing. Emphasis is given to problem-solving, problem analysis, and algorithm design. This course offers programming concepts using java or similar programming languages. Students will learn about and use variable, data types and operators. Students will be introduced to arrays, flow-control, exception handling and differing data structures, and apply this knowledge in hands-on experiences.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G
Course Code: 2401, 2402, 2412, 2416, 2410, 2414, 2495

**Course: CREATIVE WRITING**
Description: Creative Writing is designed to teach writing skills incrementally, using professional models of syntax, exposition, and fiction. Students begin writing short descriptive essays which are critiqued orally in the format of a writing workshop. As the semester progresses, students write longer pieces, dialogue, interior monologue, interviews and narratives. Much of the writing is autobiographical. Students also create a final project, working independently or collectively to produce a play, short story, children's book, video, magazine or other writing-based project which represents four to five weeks of work.
Grade Level: 11-12
Pre-Requisites: Expository Writing
A-G status: G
Course Code: 1146

**Course: DIGITAL ELECTRONICS (PROJECT LEAD THE WAY)**
This course is based on the principles and laws of traditional electronics and electrical theory. Digital Electronics and embedded micro-computers (a direct application of Digital) are in every product that is either plugged into a wall or operated by batteries, and is therefore a technology that all people are exposed to in their daily lives. Students will begin with a study of basic electrical theory then move on to learn the basic principles and theories of digital circuits. The curricula used in this course was created by Project Lead the Way, Inc.® and it embraces the educational tenets of project based learning. Students develop solutions to solve the problems posed by essential and key questions stated in each Unit and Section overview.
Grade Level: 11-12
Pre-Requisites: none
A-G status: G
Course Code: 5150, 5160
Course: EARTH SCIENCE 1/2
Description: This physical science course studies the atmosphere, oceans and the earth. It includes the study of physical and historical geology, oceanography, astronomy, and meteorology. Students will learn about dynamic Earth processes, energy in the Earth system, CA geology, weather, biogeochemical cycles, the structure and composition of the atmosphere, our solar system, galaxy and the universe.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G
Course Code: 3082, 3084, 3102, 3105, 3122, 3108, 3114, 3116, 3123, 3141, 3144, 8632, 8646, 8660, 8674, 8633, 8647, 8661

Course: ECONOMICS
Description: A one-semester course in which students learn microeconomic and macroeconomic concepts of a market economy, the role of labor and unions in a market economy, and the role of government in a market economy. Students explore the role of economics with regard to social issues (such as income distribution, poverty, and the environment) and issues of the global economy (such as international trade and the globalization of corporate ownership). Economics is a one-semester course in which students learn economic reasoning and how to apply it to their daily lives. Students understand the role of the market in the contemporary world economy, the role of government in the economy, the role of labor in the economy, the nature of aggregate economic behavior, how to interpret economic indicators, and the impacts of globalization both within the United States and around the world.
Grade Level: 12
Pre-Requisites: None
A-G status: G
Course Code: 1610, 1621, 1625, 1627, 1628, 8717, 8767, 8817, 8917

Course: ECONOMICS HONORS
Description: Honors courses differentiate the core curriculum within the specific content area by using a variety of methods that provide additional challenge and opportunities for students to perform to their highest potential. Honors students will meet the academic standards while learning to think in deeper and more complex ways. Economics is a one-semester course in which students learn economic reasoning and how to apply it to their daily lives. Students understand the role of the market in the contemporary world economy, the role of government in the economy, the role of labor in the economy, the nature of aggregate economic behavior, how to interpret economic indicators, and the impacts of globalization both within the United States and around the world.
Grade Level: 12
Pre-Requisites: None
A-G status: G
Course Code: 1606, 1607, 1608, 1609, 1611

Course: ETHNIC STUDIES 1/2
Description: This is the first semester of a year-long course. The Ethnic Studies course teaches students to explore their individual identity, their family history, and their community history through the lenses of race, ethnicity, nationality and culture. Students study the history of people of color in California from the early 19th century to the present, with a focus on the social movements that have successfully resisted and overcome oppressive political, economic, and social conditions. Students design and implement learning service projects based on their investigations of their local communities.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 1652, 1653
Course: ETHNIC STUDY HONORS
Description: This is the first semester of a year-long course. The Ethnic Studies course teaches students to explore their individual identity, their family history, and their community history through the lenses of race, ethnicity, nationality and culture. Students study the history of people of color in California from the early 19th century to the present, with a focus on the social movements that have successfully resisted and overcome oppressive political, economic, and social conditions. Students design and implement learning service projects based on their investigations of their local communities.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G (pending)
Course Code: 1656

Course: FINANCIAL PLANNING (BUSINESS ETHICS)
Description: This course introduces the importance of ethics in business. Students focus on the significance of ethics to stakeholders; examine who bears responsibility for monitoring ethics; and explore ethical situations common in organizations. Students examine how ethics affects various business disciplines and consider the impact of organizational culture. Students also explore ethics as social responsibility, the evolution of ethics in international business, and how the free market and ethics can coexist.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 4586

Course: FORENSICS/PERFORMING
Description: Students participate in various performance activities including oral interpretation (dramatic and humorous interpretation, interpretation of prose or poetry, and duo interpretation), platform speaking events: (persuasive and informative speaking, impromptu and extemporaneous speaking, after dinner speaking, and communication analysis) and debating.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 9834

Course: GEOLOGY 1
Description: Introduction to processes within and at the surface of the earth. Students learn description, classification, and origin of minerals and rocks. Students learn about internal earth processes including volcanism, earthquakes, crustal deformation, mountain building, and plate tectonics, as well as external processes such as weathering, mass wasting, streams, glaciers, ground water, deserts, and coasts.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 3080, 3081

Course: HUMANITIES 1/2
Description: The history of art, philosophy, architecture, music, and literature in Europe and the United States from the Renaissance to the present. This is a one semester courses that explores a particular topic through art, literature, and history sources. The topic is usually defined by a particular historical period, a particular region in the world, and/or a particular culture.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G
Course Code: 1635, 8210
Course: INTEGRATED SCIENCE 1/2  
Description: This course covers the basic concepts and process skills needed to study earth and space science, chemistry and physics. Laboratory work is emphasized in order to provide students with a foundation for future course work in science.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: G  
Course Code: 3013, 3014, 3013, 3164, 3153, 361, 3159, 3776, 3181, 3154, 3014, 8634, 8648, 8676, 8635, 8649, 8663, 8677, 8636, 8637, 8651, 8665, 8679, 3013, 3014, 3155, 3185, 3156, 3186

Course: INTRODUCTION TO ENGINEERING DESIGN  
Description: The major focus of the course is learning how to take an idea through a design process that will eventually be manufactured or produced. The course covers the role of an engineer, design process, product design, product analysis and improvement. Students use Inventor, an AutoDesk 3-D design software to design projects. Students work in teams, document process, solve problems and communicate solutions to peers and professional engineers. Introduction to Engineering Design is intended to serve as a foundation course within the Project Lead The Way® course sequence. All of the topics learned in this course will be used in future courses.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: G  
Course Code: 3716

Course: INTERNATIONAL RELATIONS 1/2  
Description: An introduction to international issues, this course focuses on such topics as law and conflict resolution, human rights, immigration, ecology, hunger, world peace, energy, changing family roles, and an aging population.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: G  
Course Code: 1505, 1506

Course: ISSUES IN URBAN SOCIOLOGY  
Description: The study of metropolitan development and social life. Students examine the role of economic, political, and cultural factors at the global, national, and regional levels. Students explore the history of urban sociology and contemporary perspectives, then analyze the process of social change at the metropolitan level  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: G  
Course Code: 1681, 1682

Course: JOURNALISM 1/2 ADVANCED  
Description: The elements of reporting, journalistic writing, editing, layout and production are covered. Students are responsible for production of a school newspaper. The skills of analysis and critique are emphasized, with models selected from local and national sources. These courses must be taken sequentially.  
Grade Level: 11-12  
Pre-Requisites: Teacher Approval.  
A-G status: G  
Course Code: 1200, 1210
Course: NETWORKING & INFORMATION SYSTEMS 1-4
Description: This is a four-semester networking certification program leading to Cisco Certified Networking Associate (CCNA) Certification. Students develop an understanding of the OSI model, networking components, premise wiring, industry standards, topologies, network design, router setup, router configuration, network planning and design.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G (as Computer Science)
Course Code: 2496, 2497, 2498, 2473, 2474, 2475, 2478, 2479, 2480, 2481, 2484

Course: ORAL INTERPRETATION
Description: Students learn Basic techniques of the oral performance of literature with emphasis on content analysis and performance. Through study, practice, coaching, presentation, peer feedback, and increased confidence the student develops the ability to communicate the meanings of literature to others, develops an understanding and explanation of the theoretical considerations of oral interpretation; develops critical listening skills; develops a heightened understanding of all genres of literature and develops acceptance of constructive criticism.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 6160

Course: PHYSICAL SCIENCE 1/2
Description: This introductory survey of the physical sciences includes the study of matter and energy, physical and chemical change, mechanics, electricity-magnetism, nuclear energy, light, sound, geology, meteorology, and astronomy.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G
Course Code: 3090, 3094, 3103, 3107, 8701, 8736, 8786, 8836, 8837, 8936, 8737, 8937

Course: PRE-ENGINEERING 1/2
Description: This course introduce students to the elements of design in engineering fields. Students use a problem-solving model to improve existing products and invent new ones. The student learns.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G
Course Code: 5173, 5174

Course: ENGINEERING
Description: This course provides an overview of engineering and engineering technology. Students develop problem-solving skills by tackling real-world engineering problems. Through theory and practical hands-on experiences, students address the emerging social and political consequences of technological change. Students learn the categories and properties of materials, how materials are shaped and joined, and materials testing. Students will be introduced to dynamics/kinematics.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 5175, 3716

Course: PRE LAW 1/2
Description: Topics covered in Pre-Law include contemporary legal issues, constitutional law, contract law, tort law,
death penalty, debate, and mock trial. Partnerships with the Street Law program, the University of San Francisco School of Law, and the BAR Association of San Francisco provide guest teachers on topics such as family law, consumer law, housing law, and criminal law. Students learn skills such as public speaking, debates, resume writing, and cover letter writing. Students have the opportunity to participate in paid summer internships at public and private law offices in San Francisco.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 1617, 1623

**Course: PSYCHOLOGY**
Description: An introduction to the major concepts, thinkers, and methods of science-based psychology.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G
Course Code: 1660, 1662

**Course: PSYCHOLOGY & LEARNING**
Description: Psychology and Learning includes the study of human behavior, human development, motivation, sensation, personality theory, social psychology, and an in-depth study of the psychology of learning throughout the life span. The course is designed for students interested in pursuing or exploring careers in youth services, psychology, social work, childcare, or education. Students work directly with children at an elementary school to apply what they have learned in class.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 1658, 1659

**Course: PUBLIC SPEAKING 1/2**
Description:
Grade Level:
Pre-Requisites: None
A-G status: G
Course Code: 9831, 9832

**Course: SOCIOLOGY**
Description: In Sociology students learn how people behave in groups and how group interactions shape both individual and group behaviors. Students analyze the rules, organizations, and values systems that enable people to live together.
Grade Level: 10-12
Pre-Requisites: None
A-G status: G
Course Code: 1680
The following courses have been submitted to the UC system and are currently being evaluated for A-G status.

- Asian American History (reinstate) (G)
- California History (reinstate) (G)
- Carpentry 1/2 (G)
- Creative Writing as a Fine Art 1/2 (F)
- Creative Writing as a Fine Art 3/4 (F)
- Design 1/2 (F)
- Drawing and Painting 5/6 (F)
- Ethnic Studies Honors (G)
- Environmental Field Studies 1 / 2 (reinstate F)
- Field Biology (B)
- Filipino 1/2 (E)
- Filipino 1P (E)
- Introduction to Education (G)
- Poetry (G)
- Principles of Biotechnology 3/4 (B)
- Sculpture (F)
- Stationary Engineering 1/2 (G)
- Studio Art Drawing and Painting (F)
- Theatre Fitness 1 (F)
- Theatre Fitness 2 (F)
- Theatre Fitness 3 (F)
- Theatre Fitness 4 (F)
### AP Courses

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<th>Balboa</th>
<th>Burton</th>
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Physical Education Courses

While Physical Education does not hold A-G status, it is a state and SFUSD requirement to earn the high school diploma. Students are required to complete two years of Physical Education and pass FitnessGram. FitnessGram is a fitness assessment designed by the Cooper Institute and selected by the California Department of Education to determine student fitness levels. The main goal of the test is to help students in starting life-long habits of regular physical activity. Students who do not pass 5 of 6 FitnessGram skills must take two additional years of Physical Education. Students with a physical disability which may impede their ability to pass FitnessGram must submit a 504 plan.

Course: ADAPTIVE PHYSICAL EDUCATION
Description: Adaptive physical education provides an individualized physical education for students with physical disabilities.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 8607

Course: ATHLETIC CONDITIONING 1
Description: Athletic Conditioning provides aerobic and/or weight training, usually targeted at specific sports.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 2567

Course: BASKETBALL 1
Description: This course is designed to develop and practice the individual skills and team tactics, rules and regulations for basketball. Students will learn and develop basic individual skills such as; ball handling, dribbling, shooting, passing and defending, and team tactics such as; man to man/zone defenses, a variety of offenses and rules, regulations and terminologies associated with basketball. Theories, rules and regulations, techniques, strategies and tactics, positive social skills and safety are taught and emphasized during this course. Students will be expected to demonstrate knowledge and competency in all basketball related skills, as well as learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grade Level: 9-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2556
Course: COURT SPORTS 1/2
Description: This course is designed to develop, learn and practice the individual skills and team tactics, rules and regulations for volleyball and basketball. For volleyball, students will develop basic individual skills such as; the forearm pass, set, spike, block, dig, and serve and team tactics such as communication skills basic offensive and defensive formations, as well as learn the rules, regulations, and terminologies associated with volleyball. For basketball, students will learn and develop basic individual skills such as; ball handling, dribbling, shooting, passing and defending and team tactics such as; man to man/zone defenses, a variety of offenses and rules, regulations and terminologies associated with basketball. Students will be expected to demonstrate knowledge and competency in Court Sports, as well as learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grade Level: 9-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2565, 2566

Course: FITNESS PERFORMANCE
Description: This course is designed to develop both Health-Related Components and Skill-Related Components of physical fitness through a variety of activities which may typically include; aerobic dance, step aerobics, hip hop, jump rope, kickboxing, walking, jogging, weight training, swimming, cycling and resistance exercise. Students learn to identify and implement the components of fitness and skill and to assess their personal fitness and wellness levels. The students will learn to design personal fitness programs based on their self assessment data. Students will be expected to demonstrate knowledge and competency in all aspects of aerobic fitness, achieve an age appropriate level of health-related physical fitness, demonstrate knowledge of fitness concepts, and learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse and multi-cultural society.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 2576

Course: PHYSICAL EDUCATION 1-8
Description: This course is designed for students to; develop skills, gain knowledge and apply movement patterns in; Aquatics, Rhythms/Dance, and Individual and Dual Activities, as well as the Effects of Physical Activity on Health and Mechanics of Body Movement. Theories, rules and regulations, techniques, strategies and tactics, positive social skills and safety are taught and emphasized during all of the activities. Students will be expected to demonstrate knowledge of and competency in a variety of motor skills, achieve a health related level of physical fitness, demonstrate knowledge of fitness concepts, and learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society. This course may typically include units on; Yoga, Pilates, Health-Related Fitness, Badminton, Golf, Archery, Pickelball, Frisbee Golf, Tennis, Handball, Track & Field, Fitness, weight/resistance training, CPR/First Aid. Also included during this course is the California state mandated physical fitness test. SFUSD designates FITNESSGRAM as the official physical performance test to measure physical fitness. The state mandates that testing occurs during the months of February, March and April. Prerequisite: Course 1&2 is designed to be taken before course 3&4, and is therefore most appropriate for 9th grade students or other students taking their first high school physical education course.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 2520, 2530, 2540, 2549, 2551, 2552, 2553, 2554

Course: RACKET SPORTS 1/2
Description: This course provides students with the opportunity to develop a complete skill-set in all aspects of Tennis, Table-Tennis and Badminton. During this course students will learn and develop skills, and gain knowledge in; the forehand, backhand, serve and volley for each sport. Students will learn to play both singles and doubles in each sport. Theories, rules and regulations, techniques, strategies and tactics, positive social skills and safety are taught and emphasized during this course. Students will be expected to demonstrate knowledge and competency in all Racket Sports, as well as learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grade Level: 9-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2563, 2564

Course: RECREATION SPORTS
Description: In recreational sport students develop a lifelong commitment to their own physical well-being, health and fitness with a clear emphasis on a variety of pleasurable physical activities that promote an active life style. Rules, regulations, advanced strategies and safety are emphasized. The students will learn to evaluate personal performance in a variety of activities. Through this course students are encouraged to support and participate in community organizations that promote health and fitness by providing life-long recreational opportunities. The students will also continue to learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grade Level: 9-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2594, 2595

Course: SOFTBALL
Description: This course is designed to develop, learn and practice the individual skills and team tactics, rules and regulations for softball. The students will develop basic individual skills including; throwing, catching, fielding, batting, base-running, pitching, as well as; team play, offensive and defensive tactics and strategies. Students will be expected to demonstrate knowledge and competency in all aspects of softball, as well as learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grades: 10-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2597
Course: SWIMMING
Description: This course is designed to develop and practice basic swimming skills. Students will be instructed in proper stroke techniques including; the crawl stroke, backstroke, breaststroke and butterfly stroke. Upon completion of this course students will be able to demonstrate basic fundamental skills and stroke techniques associated with swimming. Students will be expected to demonstrate knowledge and competency in water safety and survival skills, as well as learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society. SFUSD graduation requirements include passing a swim proficiency test. The swim proficiency test requires students to; swim 6 widths of the pool in prone position (any stroke including front crawl or breaststroke) and tread water for 1 minute. Prerequisites: PE 1&2
Grade Level: 9-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2560

Course: TENNIS 1
Description: This course provides students with the opportunity to develop a complete skill-set in all aspects of tennis. During this course students will learn and develop skills, and gain knowledge in; the forehand, backhand, serve and volley. Students will learn to play both singles and doubles tennis. Theories, rules and regulations, techniques, strategies and tactics, positive social skills and safety are taught and emphasized during this course. Students will be expected to demonstrate knowledge and competency in all tennis skills, as well as learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grade Level: 9-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2555

Course: VOLLEYBALL 1/2
Description: This course is designed to develop, learn and practice the individual skills and team tactics, rules and regulations for volleyball. The students will develop basic individual skills such as; the forearm pass, bump, set, spike, block, dig, and serve and team tactics such as communication skills basic offensive and defensive formations, as well as learn the rules, regulations, and terminologies associated with volleyball. Students will be expected to demonstrate knowledge and competency in all aspects of Volleyball, as well as learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grade Level: 9-12
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2598, 2599
Course: WEIGHT TRAINING 1/2
Description: This course is designed for students to learn and develop skills, and apply correct and safe movement patterns in Weights and Resistance Training. The students will learn how to increase muscular strength, muscular endurance and muscular power. The students will be expected to demonstrate knowledge and competency in all aspects of resistance training including the skills necessary to design and implement a personalized weight training program. Emphasis is on safety, injury prevention, proper nutrition, anatomy and physiology, proper utilization of weight machines, exercise machines, along with care and use of free weights. The students will also continue to learn the value of positive psychological and sociological strategies that apply to the needs of individuals in a diverse society.
Grade Level:
Pre-Requisites: PE 1&2
A-G status: None
Course Code: 2561, 2562
Additional Courses

These courses do not currently have A-G status. Some courses may have pending status, or may apply in future years. Students may have up to 40 credits of courses that do not hold A-G status and may still meet all graduation requirements.

Course: 11TH GRADE LANGUAGE ARTS CAHSEE PREP 1-6
Description: Students work to improve comprehension skills and develop writing strategies. Emphasis is on California Language Arts standards that are tested on the California High School Exit Exam (CAHSEE).
Grade Level:
Pre-Requisites: 11th and 12th graders who have not passed CAHSEE exam.
A-G status: None
Course Code: 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 8891, 8892, 8971, 8972

Course: 11TH GRADE MATH CAHSEE PREP 1/2
Description: The goal of this course is to help students who have not passed the mathematics portion of the CAHSEE after their first attempt. Students in this course will study the math CAHSEE standards as defined by the state blueprints. In addition they will learn test-taking strategies and be familiar with the nature of the CAHSEE exam.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 2210, 2211, 2212, 2213, 8890, 8893, 8973, 8974

Course: ACADEMIC LITERACY 1/2
Description: This is a course about literacy. Students engage in inquiry into the nature of reading. Some of the questions that they explore are: What is reading? What is the role of reading in personal and public life? What are the characteristics of successful readers and what strategies do they use to make sense of complex text? Students assemble a reading portfolio which includes an individual reading plan, their personal reading profiles, reflections on their reading process, records of the number and variety of texts read and evidence of growth in the use of a variety of reading comprehension strategies. Students use sustained silent reading (SSR) time to increase fluency and keep a reading process log to become more aware of their reading strengths and weaknesses. They are taught cognitive strategies to approach texts with an emphasis on reciprocal teaching, think-aloud, reading-to-learn and writing-to-learn strategies and text modeling. Language skills, vocabulary, critical thinking about texts and research skills are taught and practiced throughout the course. The writing component of the course consists of SSR logs that include written reflections on the reading process, reading interviews of self and others, book reviews, research papers, written reciprocal teaching practices and unit logs that contain written assignments connected to each unit. Emphasis in the ninth grade is placed on Autobiographical Incident, Evaluation and Observational writing. This course is to be offered concurrently with the college preparatory course for ninth grade English.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 1011, 1012, 1013, 1014, 1057, 1058

Course: ADVANCED MATHEMATICS TOPICS
Description: Students in this course will study the following material: polar coordinates and graphs, vectors, matrices, probability and statistics, mathematics induction, symbolic logic, and limits.
Grade Level: 11-12
Pre-Requisites: Successful completion of Pre-Calculus
A-G status: None
Course Code: 2160
Course: **ADVERTISING ART**
Description: An introduction to advertising and art, this course is an in-depth study of advertising media and art jobs in advertising.
Grade Level: 9-12
Pre-Requisites: Art 1/2
A-G status: None
Course Code: 6026, 6027

Course: **AFRICAN AMERICAN ACHIEVEMENT**
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 1619

Course: **AFRICAN AMERICAN HISTORY 1/2**
Description: African American History begins with an overview of African history before 1500 and the role of Africans in the European invasion of the Americas. The course explores the history of free and enslaved Africans during the colonial period, and then focuses on the history of African Americans in the United States since 1776. Themes include African American resistance to slavery, Jim Crow laws, and other forms of oppression and discrimination; the effects of African American resistance on the expansion of political liberties for all Americans; and the economic and cultural contributions of African Americans to American life.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 1632, 1648

Course: **AMERICAN INDIAN HISTORY 1/2**
Description: In American Indian History students study the history of people who lived in what is now the United States and California before the European invasion in the early 15th century and the history of their descendants after the invasion. Topics include the diversity of social, political, and economic systems that American Indians developed based on local environmental conditions, the destruction of many American Indian institutions following the European invasion, and American Indian resistance to oppression and discrimination. Students explore the question Did the treatment of American Indians since 1500 constitute genocide? Students investigate current economic, political, and social conditions of American Indians and learn about efforts for restorative and transformative justice.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 1678, 1679

Course: **ANTHROPOLOGY**
Description: Anthropology's analyzes what defines human life and society. This course looks at how social relations between humans are organized and how these developed. It examines human behaviors and why there are variations between different groups of humans. Emphasis is on critical analysis.
Grade Level:
Pre-Requisites: None
A-G status: G
Course Code: 1650
Course: ART LAB
Description: Art Lab provides advanced students with additional time to pursue independent projects.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 6001

Course: ASIAN AMERICAN HISTORY
Description: Asian American History explores the history of people of Asian descent in the Americas (but not including American Indian history). Beginning with colonial Spanish commerce between the Americas and East Asia but focusing primarily on Asian American experiences in the 19th and 20th centuries, the course explores Asian American contributions to economic development, Asian American challenges to discriminatory laws and practices, and the cultural evolution of various Asia American communities in the United States.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G - pending
Course Code: 1631, 1647

Course: ASIAN AMERICAN STUDIES 1/2
Asian American History explores the history of people of Asian descent in the Americas (but not including American Indian history). Beginning with colonial Spanish commerce between the Americas and East Asia but focusing primarily on Asian American experiences in the 19th and 20th centuries, the course explores Asian American contributions to economic development, Asian American challenges to discriminatory laws and practices, and the cultural evolution of various Asia American communities in the United States. This course is taught in Chinese. This is the first semester of a year-long course. Asian American History explores the history of people of Asian descent in the Americas (but not including American Indian history). Beginning with colonial Spanish commerce between the Americas and East Asia but focusing primarily on Asian American experiences in the 19th and 20th centuries, the course explores Asian American contributions to economic development, Asian American challenges to discriminatory laws and practices, and the cultural evolution of various Asia American communities in the United States.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 1641, 1642

Course: AUTOMOTIVE TECHNOLOGY 1/2
Description: An orientation to the automobile, automotive history, design, construction, operation, and the automotive industry. Technical vocabulary, basic automotive components and systems, safety procedures, use and interpretation of automotive information and specifications. Basic shop practices and maintenance, recognition and use of basic tools used in automotive repair; ethical practices. Workplace skills: personality types teamwork, following technical instructions, image and success, the law and the automotive industry, environmental issues etc. Satisfy NATEF/ASE automotive repair task standards. This class has an environmental "green" focus.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 6550, 6555

Course: AVID 1-3
Description: AVID teaches strategies to prepare students for college success. AVID 1 meets the 9th grade College and Career requirement.
Grade Level: 9-12
Course: BANK & CREDIT
Description: This course is a comprehensive introduction to the theory and practice of finance. It is organized around the services and operations of commercial banks. It begins with a focus on the individual as a consumer of bank services and deals with saving, borrowing, budgeting, financial planning, credit use and scores and interest rates. Students learn the uses of mortgages, leases, personal loans, and savings accounts, including tax-deferred retirement accounts. The course then moves to bank management and objectives, financial reports of banks and public companies, and the financial assessment of banks and other companies. The students leave the course with the experience of producing personal financial plans, financial reports on banks and other public companies, and delivering those reports using current business presentation technology and methods. The students visit the Federal Reserve Bank of San Francisco, trading and investment professionals and a credit union as well as have financial professionals visit them in class. They also have the opportunity to work with adults in the community to assist in the preparation of U.S. Federal Income Tax returns.
Grade Level: 10-12
Pre-Requisites: None
A-G status: None
Course Code: 4582

Course: BIOLOGY 3 & 4
Description: This course covers selected topics in life sciences. The topics are covered in depth, and students are usually required to do individual projects.
Grade Level: 10-12
Pre-Requisites: Biology 1/2
A-G status: None
Course Code: 3041, 3043, 2037, 8630, 8631, 8644, 8645, 8659, 8673, 8672, 8658

Course: BROADCAST MEDIA
Description: Broadcast Media and Production is an integral part of the Communication Arts Academy pathway for video and audio production. As an English department offering, the course focuses on developing students’ ability to communicate using writing as the basis for any message. Students explore the history of broadcast in both audio and video media and examine the roles they play in our society today. They also explore the current state of the radio and television as multi-media becomes a larger part of the broadcast industry. Students combine theory with practice in the multi-media lab by creating a series of small projects in both audio and video media and they will focus on an area of interest to create their culminating project in the media of their choice.
Grade Level: 11-12
Pre-Requisites: None
A-G status: None
Course Code: 8077

Course: BUSINESS LAW 1
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 4960, 4961

Course: BUSINESS SKILL
Description:
Grade Level:
Pre-Requisites: None
Course: CALIFORNIA HISTORY
Description: The social, economic, political, and cultural development of the region now called California from the times of the American Indians to the present. California History includes American Indian history before the European invasion and afterward, Spanish colonial history, Mexican history from the 1820s to the 1840s, the Gold Rush and annexation by the United States, and the subsequent economic, political, and social development of the state. Themes include demographic evolution of the state, struggles over water rights, and the movements of groups excluded from the political structure at the founding of the state to overcome political, social, and economic discrimination.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G - pending
Course Code: 1630

Course: CAREER EDUCATION
Description: This course introduces students to the world beyond the school walls. Activities are focused on self-awareness, future careers, future lifestyles, and interests. Through the introduction to the world of work, students increase their self-awareness by identifying positive work habits and work values. Students also learn that the skills they are developing in school can affect their future success in the job market.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 8731, 8781, 8831, 9880

Course: CARPENTRY 1-4
Description: This class prepares students to be entry-level carpenters; to layout, fabricate, erect, install and repair wooden structures/fixtures, and to use hand/power tools. Instruction includes common systems of framing, construction materials, estimating and blueprint reading.
Grade Level: 9-12
Pre-Requisites: None
A-G status: G - Pending
Course Code: 5507, 5504, 5505, 5506

Course: CATERING & RESTAURANT 1/2
Description: Students learn industry standard technique in the preparation and presentation of foods as part of a Culinary Pathway program.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 5593, 5594

Course: CERAMICS 3/4
Description: This is a course for serious students who have successfully completed one year of ceramics. Emphasis is on critical evaluation and personal expression through sculpture and self-directed projects that involve greater discipline.
Grade Level: 10-12
Pre-Requisites: Ceramics 1/2
A-G status: None
Course Code: 6055, 6056
Course: CHILD DEVELOPMENT AND PARENTING 1/2
Description:
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 5510, 5520

Course: COMPOSITION 1
Description: Students develop writing skills using various techniques including comparison, persuasive or reflective essays. Emphasis is placed on using a traditional writing model including topic, thesis statement, argument, evidence and conclusion.
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 1140, 1141, 1158

Course: COLLEGE/CAREER
Description:
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 8044, 8047, 8055, 8056, 8059, 8510

Course: COMPUTER CAREERS
Description: The Academy of Finance at Burton is a student-centered, small learning community that combines academic rigor - in classes at Burton and through enrollment in business classes at San Francisco City College - structured business internships, and community service in the planning and operation of Burton's award-winning Tax Office. Working in teams, students learn and apply business communication techniques and analytic skills that make them attractive candidates for internships and career positions. The Academy of Finance is open to all Burton students in good standing who are interested in making and keeping money, using it wisely, and becoming effective participants in the global marketplace.
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 4968

Course: COMPUTER DRAFTING 1
Description: Students will create design projects using Autodesk REVIT ARCHITECTURE. This software is a 3D Architecture design application. Students will create complete architectural projects in REVIT, creating building models using complex components and elements that they will be able to define and edit. Students will apply their architectural knowledge to draw Floor Plans, Elevations, Sections, 3D views and show walk-through animations of the spaces they have designed.
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 5142
Course: COMPUTERS - INTRODUCTION 1
Description: This course provides extensive hands-on computer experience developing introductory computer skills including word processing, database, spreadsheets, presentations, graphics and layout. Students may work toward Microsoft Office Specialist Certification (MOS Certification)
Grade Level: 
Pre-Requisites: None 
A-G status: G 
Course Code: 2420

Course: CONSUMER EDUCATION
Description: This course teaches the elements of consumer education including the right to safety, the right to information, the right to choice, the right to be heard, the right to redress and the right to consumer ed.
Grade Level: 
Pre-Requisites: None 
A-G status: None 
Course Code: 5650

Course: CRITICAL WRITING
Description: This course emphasizes the critical analysis of challenging literary and philosophical selections and applying the fundamentals of formal logic, with frequent written assignments of critical analysis in essay form.
Samples of criticism from current journals are included as supplemental reading.
Grade Level: 11-12
Pre-Requisites: None 
A-G status: None 
Course Code: 1144

Course: CURRENT LITERATURE
Description: 
Grade Level: 
Pre-Requisites: None 
A-G status: None 
Course Code: 1116

Course: DEBATE
Description: 
Grade Level: 
Pre-Requisites: None 
A-G status: G - pending 
Course Code: 1008

Course: DESIGN
Description: The students explore the elements of design and learn to appreciate design elements in the world of nature and in man-made objects. They gain a useful knowledge of skills and appreciation for design tools.
Grade Level: 9-12
Pre-Requisites: None 
A-G status: F pending 
Course Code: 6100, 6110, 6111, 6112
Course: DIGITAL MEDIA 1
Description: 
Grade Level: 
Pre-Requisites: None
A-G status: None
Course Code: 8053, 8054

Course: DRAWING ADVANCED
Description: Continuing students will master the techniques learned in Drawing 1-2 along with advanced media and technical applications. Further study is required into art history and multicultural influences as it relates to art, mankind and society with more emphasis on critical thinking, personal observations and research.
Grade Level: 9-12
Pre-Requisites: Drawing 1-2
A-G status: None
Course Code: 6150, 6346

Course: DRAWING AND PAINTING 1/2
Description: This course is an introduction to design and composition; students use a variety of art media such as pencil, charcoal, conte crayon, pen and ink, tempera, watercolor, and acrylic. Introductory material covers theory of line, color, texture, the elements of design, and the principles of composition. Student projects include drawing, painting, printmaking, and design. Various schools of art, styles, and artists, past and present, are discussed. Students are encouraged to exercise self-expression in their art. Students will learn the relationship of drawing and painting to other art forms and receive an overview of careers in art and related fields. Students will develop critical assessment skills by applying what they learn to self and peer evaluation of their art projects.
Grade Level: 9-12
Pre-Requisites: None
A-G status: none
Course Code: 6390, 6391

Course: DRAWING AND PAINTING 3
Description: This course is designed for students who have successfully completed Drawing, Painting 1-2. It builds upon and expands the knowledge and skills acquired in Drawing, Painting 1-2; it also applies the principles of color, design, and composition through drawing and painting assignments.
Grade Level:
Pre-Requisites: Drawing and Painting 1-2
A-G status: None
Course Code: 6392

Course: DRAWING INTERMEDIATE
Description: This course is a deeper study of the areas covered in Drawing 1 & 2. Students study different techniques and approaches for the individual development of techniques and styles. Emphasis is on excellence of performance within the classroom structure and within the individual student's understanding and work.
Grade Level: 9-12
Pre-Requisites: Drawing 1/2
A-G status: None
Course Code: 6345

Course: DRIVER'S EDUCATION
Description: 
Grade Level: 
Pre-Requisites: None
A-G status: None
Course Code: 8030, 8730, 8780, 8830, 8930, 8032, 8036
Course: ELECTRONICS ADVANCED  
Description:  
Grade Level:  
Pre-Requisites: None  
A-G status: None  
Course Code: 5170

Course: ENGLISH LANGUAGE DEVELOPMENT (ELD) LAB 1-6  
Description: This course is designed to reinforce the skills taught in the English Language Development class. Language acquisition competence is achieved through the development of the listening, speaking reading and writing domains.  
Grade Level:  
Pre-Requisites: None  
A-G status: None  
Course Code: 1350, 1351, 1394, 1395, 1396, 1397, 1398, 1399

Course: ENGLISH LANGUAGE DEVELOPMENT (ELD) LANG DEV 1-4  
Description: This course increases the English listening, speaking, reading and writing skills of the second language learners. Initially, students show their understanding by gestures, pointing or drawing. Students learn vocabulary and sentence structures needed to function in most basic survival situations in the classroom and the neighborhood. Students ask and respond to direct questions on familiar subjects. Students develop beginning skills in comprehending, analyzing and evaluating oral communication. They will employ active listening and speaking in a variety of situations, formal and informal. At first, students read simple sentences, instructions and simple materials on subjects related to their immediate needs. Paragraphs, repetitive poems, compositions, letters, and narrative reading passages are subsequently introduced. Students learn to reproduce, in written form, the vocabulary and sentence structures they are learning orally. By the end of the beginning level, students write paragraphs based on oral language experiences.  
Grade Level:  
Pre-Requisites: None  
A-G status: None  
Course Code: 1374, 1375, 1376, 1377

Course: ESSAY WRITING 1/2  
Description: Students use the writing process as they practice the eight types of writing: autobiographical incident, evaluation and observation, report of information, reflective, speculation about causes and effects, interpretation and controversial issue. The extended study and practice of the writing types prepares students for successful writing across the disciplines.  
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: None  
Course Code: 1212, 1213, 1215, 1216, 1217, 1225, 1226, 1227

Course: ENVIRONMENTAL FIELD STUDIES 1/2  
Description: Students work with local architecture firms to apply architectural design, drafting, auto-CAD, rendering and planning. Students deepen their understanding of the progressions of architecture, engineer, designer, draftsperson, and the roles each pla in the design, planning and building process as it relates to the construction industry. Each student completes a project for the firm where they are assigned.  
Grade Level:  
Pre-Requisites: None  
A-G status:  
Course Code: 5430, 5431
Course: **FINANCIAL ACCOUNTING 1**
Description: Principles of Finance/Business This is the first course students take in the Academy of Finance and introduces students to the financial world. Students develop financial literacy as they learn about the function of finance in society. They study income and wealth; examine financial institutions; learn how businesses raise capital; and study key investment-related terms and concepts. They research how innovations have changed the financial services field. Finally, students explore careers that exist in finance today. Accounting provides students with an understanding of the accounting process and how it facilitates decision making by providing data and information to internal and external stakeholders. Students learn that accounting is an integral part of all business activities. They learn how to apply technology to accounting by creating formulas and inputting data into spreadsheets. Students also examine career opportunities and the professional certifications and designations earned by individuals in the accounting profession.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 4584

Course: **FOODS AND NUTRITION 1/2**
Description: This is the first course students enroll in who are pursuing a career in food service and hospitality. Each student will learn about safety, sanitation, and how to use commercial kitchen equipment and tools. Students will be able to read recipes, prepare and cook meals with instructions from various cuisines from different parts of the world. Students will learn the fundamentals of baking, grilling, deep-frying, and different types of cooking techniques. Students will be able to identify various fruits and vegetables and what is seasonal. Students will learn the culinary language that is used in the kitchen.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 5580, 5582, 5590, 5592

Course: **FOODS AND NUTRITION ADVANCED**
Description: This is the second course students enroll in who are pursuing a career in food service and hospitality. Each student will learn about safety, sanitation, and how to use commercial kitchen equipment and tools. Students will be able to read recipes, prepare and cook meals with instructions from various cuisines from different parts of the world. Students will learn the fundamentals of baking, grilling, deep-frying, and different types of cooking techniques. Students will be able to identify various fruits and vegetables and what is seasonal. Students will learn the culinary language that is used in the kitchen. Professional banquet serving will be added to this curriculum with professional dress code as well.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 5600

Course: **GRAPHIC ARTS 1/2**
Description: Students learn a variety of computer design programs as well as the ability to draw freehand illustrations. Students develop understanding of the basic principles of drafting, design, space development, measurement as well as intuitive skills necessary in the design field.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 5180, 5190
Course: GRAPHIC ARTS ADVANCED
Description: The Advanced Graphic Design curriculum combines advanced art techniques and technology. Professional computer graphics and desktop publishing software programs are used to create graphic design elements for print and multimedia connected more complex design projects.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 5200

Course: HEALTH ED
Description: SFUSD Board Policy requires one semester of high school health education with the goal of providing students with knowledge, skills, and attitudes to promote health and wellness. Students in 9th or 10th grade study a personal and social skills based curriculum which focuses on accepting personal responsibility in making decisions that will enhance health literacy. The course includes nutritional and physical fitness awareness. It addresses issues of mental and emotional health, including stress management. Discussions also focus on the use, misuse, and abuse of drugs, including skills to resist negative peer and media pressure. The topics of sexuality and the importance of social relationships, effective communication, diseases and disorders, including sexually transmitted diseases are covered. Concerns of environmental and public health issues, and safety and emergency care, as well as planning for a healthful lifestyle are stressed. Course content and delivery follows District adopted curriculum and guidelines provided by California Challenge Health Education Standards, and the California Health Framework.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8040, 8042, 8043, 8045, 8046, 8732, 8782, 8832, 8932,

Course: HEALTH SCIENCE 1/2
Description: The Introduction to Health Science course will provide an overview of each of the human body systems. In addition, for each body system students will be studying a wide range of health care aspects that include the following: human body system, pathologies, health care careers, public health, medical terminology, and mental health.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 3190, 3196, 3200, 3205, 3713

Course: HUMAN DEVELOPMENT 1/2
Description: Human Development is designed to increase student understanding of the ways in which humans grow, learn, and mature. The course focuses on the mental, social, physical and psychological development of humans from birth to adolescence. Students work directly with children at an elementary school to apply what they have learned in class.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 1556, 1557, 1635

Course: HUMANITIES 3/4
Description: This course introduces students to the history of ideas. It explores the emergence of the individual in different societies and the role of culture in the development of the multicultural world in which we live. Through the arts, philosophy, architecture, music, science, literature, language and history, students develop critical international perspectives on history and culture.
Grade Level:
Pre-Requisites: None
A-G status: G
Course Code: 8221, 8224, 8225, 8227, 8228

Course: INDEPENDENT LIFESKILLS
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8602

Course: INFORMATION SCIENCE 1/2
Description:
Grade Level:
Pre-Requisites: None
A-G status: G
Course Code: 2417, 2419, 2421, 2423, 2425, 2426, 2427, 2428, 2429

Course: INSIDE WORK EXPERIENCE
Description: Inside work experience combines in-school learning with on-the-job training. Students attend weekly seminars held by their IWE supervisors and prepare assignments related to their on-the-job learning.
Grade Level: 9-12
Pre-Requisites: Permission of counselor and IWE supervisor
A-G status: None
Course Code: 8603

Course: INTRODUCTION TO COMPUTERS 1/2
Description: Students will learn various computer applications.
Grade Level:
Pre-Requisites: None
A-G status: G
Course Code: 2405, 2406, 2409,2422, 2424, 2431, 2456, 2420, 8796

Course: INTRODUCTION TO EDUCATION 1/2
Description: Introduction to Education is an introductory course for students interested in careers working with children. Communication, research, organization, problem solving, responsibility, leadership, teamwork and ethics are all skills students will build in this full year course. Opportunities for students to earn additional credit are available for those students interested in working in after school programs applying the skills they have learned in class.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 5565, 5566
Course: INTRODUCTION TO FINANCIAL ACCOUNTING  
Description: This course is a comprehensive introduction to the theory and practice of finance. It is organized around the services and operations of commercial banks. It begins with a focus on the individual as a consumer of bank services and deals with saving, borrowing, budgeting, financial planning, credit use and scores and interest rates. Students learn the uses of mortgages, leases, personal loans, and savings accounts, including tax-deferred retirement accounts. The course then moves to bank management and objectives, financial reports of banks and public companies, and the financial assessment of banks and other companies. The students leave the course with the experience of producing personal financial plans, financial reports on banks and other public companies, and delivering those reports using current business presentation technology and methods. The students visit the Federal Reserve Bank of San Francisco, trading and investment professionals and a credit union as well as have financial professionals visit them in class. They also have the opportunity to work with adults in the community to assist in the preparation of U.S. Federal Income Tax returns.
Grade Level:  
Pre-Requisites: None  
A-G status: None  
Course Code: 4840

Course: INTRODUCTION TO FINANCIAL SERVICES 1/2  
Description: Students will learn key concepts necessary to understand personal money management, the role of banks in the economy, and the operation of financial markets. After teaching students the importance of personal financial management and various saving and investment strategies, the course will take a closer look at the securities industry. The course also looks at the development of the US banking system from colonial times to recent times. The course concludes with an examination of the role of banks in the economy and how banks operate as profit-making entities.
Grade Level: 11-12  
Pre-Requisites: None  
A-G status: None  
Course Code: 8071, 8072

Course: JEWELRY 1/2  
Description: This course gives students an opportunity to experience the art of jewelry making through basic techniques, materials and the processes of jewelry making. Students will create jewelry from assigned projects and from their own designs. The students will learn additional techniques of jewelry making, such as hand-wrought metals and cutting and polishing semiprecious gemstones and mounting them into jewelry.
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: None  
Course Code: 6060, 6062

Course: JROTC 1-8  
Description: Introduction to leadership development is a two-semester course consisting of the history, purpose and objectives of the IROTC program. Leadership theory, management principles, personality needs and group dynamics, oral communication, map reading, drill and ceremonies, first aid, hygiene, physical conditioning, drug and alcohol abuse, rifle marksmanship and safety are the primary topics. Advanced leadership consists of problem solving and management, serving in leadership positions, presenting instruction, preparing job applications and resumes, practical supervision of junior cadets, and physical conditioning.
Grade Level: 9-12  
Pre-Requisites: None  
A-G status: None  
Course Code: 2910, 2920, 2921, 2922, 2923, 2924, 2925, 2926
Course: JROTC DRILLLAB
Description: Students enrolled in this course learn drill and ceremonies and participate in exercises of precision drill with or without rifles. Exercises in Cadence Drill, Manual Drill, Exhibition Drill, Marching Drill, Singing Drill, and Regulation March Drill are a part of this course.
Grade Level: 10-12
Pre-Requisites: None
A-G status: None
Course Code: 2970

Course: JROTC LDRS LAB
Description: The focus is on self-development, leadership, and decision making for future achievement and success.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 2901

Course: JROTC RIFLERY
Description: The content of this course is safety, maintenance, and handling of the .22 caliber rifle or the air pellet rifle. The program develops marksmanship and coaching skills. Students may compete against other schools and Junior National Rifle Association teams. Satisfactory participation in team activities may lead to a Block Letter Award for riflery.
Grade Level:
Pre-Requisites: Complete JROTC or have had comparable riflery experience as demonstrated to the instructor.
A-G status: None
Course Code: 2980

Course: LATIN AMERICAN STUDIES 1/2
Description: A survey of economic, political, and social developments in South and Central America from the earliest human settlements to the present and the history of immigrants from Latin America and their descendants in the United States. Students explore the history, literature, and culture of people living in the United States who are descended from Mexicans who lived here before the 1848 annexation and/or are descended from people who emigrated from Latin America to the United States. Themes include imperialism, immigration, labor, education, languages, and civil rights movements to achieve full political, economic, and social participation in U.S. society.
Grade Level: 11-12
Pre-Requisites: None
A-G status: None
Course Code: 1633, 1639, 1640

Course: LATINO AMERICAN ACHIEVEMENT
Course Code: 1620

Course: LEADERSHIP 1-4
Description: A course which develops the unique characteristics, attitudes, and skills which empower people to make significant changes in themselves and to move others in new and positive directions. Students develop characteristics which enable them to function effectively and efficiently in performing a variety of tasks related to student government. Students develop skills which enable them to effect change or accomplish goals through group processes.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 8080, 8048, 8049, 8050, 8051, 8052

Course: LGBTQ STUDIES 1
Description: In LGBTQ Studies, students explore their individual identity as lesbian, gay, bisexual, transgender, or questioning youth or LGBTQ allies through the study of the history of the local and national LGBTQ movements, the history of LGBTQ people in cultures around the world, and research on contemporary LGBTQ movements around the world. Students design and implement service learning projects based on their research and learning.
Grade Level: 11-12
Pre-Requisites: None
A-G status: None
Course Code: 1654, 1655

Course: LIBRARY TRAINING
Description: Students learn library routines and organization as they develop on the job skills by checking materials in and out; processing, organizing, and shelving materials; and, assisting others using the library. They learn specific library vocabulary, how to use the library to access information in print, on the Internet and in other electronic formats. They learn to follow directions and to work cooperatively with others to accomplish a task.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 8110, 8111, 8112, 8113, 8114, 8115, 8116, 8117, 8118

Course: MARKETING AND ENTREPRENEURSHIP
Description: Students will gain an understanding of key economic concepts with a focus on marketing and entrepreneurship, presentation skills, technological literacy, and their role as informed economic participants in a democratic society. Students will learn the key economic and marketing concepts necessary to start a business, and to develop a formal business plan. In addition, students will conduct field research in which they examine the social, ethical, and environmental impact of business activity in their communities. As a result of this research, each student will understand his or her role in community based economic development.
Grade Level: 11-12
Pre-Requisites: None
A-G status: None
Course Code: 8073

Course: MATH SUPPORT 1/2
Description: Students enrolled in this course must also be concurrently enrolled in an Algebra course. The purpose of this course is to accelerate students learning and provide enough support so that students can succeed in their algebra course. This is done by building on the foundation blocks of mathematics (numerical and geometric reasoning, number sense, proportional reasoning, and algebraic thinking), providing time to learn in different modalities (i.e. use of manipulatives, group investigations, etc.), and to learn study skills to succeed in college preparatory mathematics.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 2229, 2260, 2231, 2232, 2233, 2234, 2230, 2261, 2262, 2263, 2264, 2265
Course: MEDIA & PRODUCTION 1
Description: Course Description Introduction to Digital Media provides an overview of information technology today. It serves as the foundation for all of the core courses offered by the Academy of Information Technology. This course provides students with an introduction to the common hardware and software that most of our digital media is designed and built with. Students learn to work with different operating systems, write basic programming code, organize project folders, manage workspaces, and produce audio and video projects using the latest digital capture devices and software applications. Students consider contemporary IT issues such as security and privacy, the effects of IT on society, and technological inequality. In addition to introducing students to technical skills, students develop the ability to communicate effectively and work collaboratively. Introducing these soft skills to AoIT students is critical as we prepare them for internships and future careers in information technology.
Grade Level: Pre-
Requisites: None
A-G status: F
Course Code: 1166, 1167

Course: MERCHANDISING AND MARKETING
Description:
Grade Level:
Pre-Requisites:
A-G status: N
Course Code: 3667

Course: MULTICULTURE 1
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 9954

Course: MUSIC LAB
Description: Music has its own structure, grammar, and rhetoric. This course sensitizes students to the formalities of this nonverbal language through activities based on goals and objectives. Students develop a sound basis of musical experience which can be used to make intelligent judgments regarding musical values.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 7001

Course: MUSIC PRODUCTION
Description: This course utilizes a team teaching format. Courses in drama, stage movement, stage band and stage chorus are offered in the same class. All students are exposed to the total range of learning experiences inherent in producing a major musical stage production.
Grade Level: 9-12
Pre-Requisites: Audition
A-G status: None
Course Code: 7130
Course: MUSIC THEORY 1-6
Description: This course gives students an opportunity to explore the many techniques involved with writing and arranging music. It provides students with the basic and/or advanced techniques needed to write (compose), arrange, and hear music that has been discussed in class.
Grade Level: 10-12
Pre-Requisites: None
A-G status: None
Course Code: 7260, 7262, 7270, 7272, 7274, 7276

Course: NAVAL SCI 1/2
Description: This course outlines the Navy JROTC program that includes the mission and organization of the US Navy, its customs, leadership training, history, basic seamanship, navigation principles and health education.
Course Code: 2951, 2952, 2953, 2954, 2955, 2956
Grade: 11-12
Prerequisites: None
Course Code: 2940, 2950

Course: NAVAL SCIENCE 3/4
The content of this course consists of naval orientation and career planning, leadership instruction, first aid and drill. Additional instruction is given in naval operations and communications, intelligence and national security, ships and shipboard evolution, and health education.
Grade: 11-12
Prerequisites: Naval Science 1/2
Course: 2951, 2952

Course: NAVAL SCIENCE 5-8
This course includes the following information and instruction: programs and benefits of naval service, naval leadership and discipline, meteorology, astronomy, electronics, seamanship, drill and ceremonies.
Grade Level: 11-12
Pre-Requisites: Naval Science 3/4
A-G status: None
Course Code: 2953, 2954, 2955, 2956

Course: NUTRITION AND HEALTH 1/2
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 5330, 3717, 5340

Course: ORCHESTRA BEGINNING
Description: Orchestra members will demonstrate a thorough knowledge of the care of their instrument and of all aspects of its technique. They sight read fluently. The orchestra will study and perform repertoire from the National Association for Music Education recommended music which will include works for full orchestra. The repertoire will be chosen for its historical and cultural value which will be researched and discussed in class.
Grade Level: 9-10
Pre-Requisites: None
A-G status: None
Course Code: 7471
Course: PACIFIC ISLAND HISTORY 1/2
Description: This is the first semester of a year-long course. In Pacific Islander History students study the history of the traditional inhabitants of the Pacific Islands, especially Samoa, Hawaii, and the Philippines, and the history and culture of their descendents in the United States. Themes include imperialism, immigration, labor, education, and movements to achieve full political, economic, and social participation in U.S. society.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 1676, 1677

Course: PEER HELPING 1-4
Description: Students in this course will gain the following skills: team work, communication, assertiveness, decision-making, leadership, facilitation, presentation and planning. Students will also have the opportunity to choose to participate in a variety of programs such as conflict mediation, peer tutoring, peer mentoring, and peer education. Depending on their choice of program, students will gain specialized skills such as tutoring and mediation skills.
Grade Level: 9-12
Pre-Requisites: Approval of Peer Resource Counselor
A-G status: None
Course Code: 1690, 1692, 1694, 1696

Course: PEER TUTORING 1-6
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8081, 8083, 8084, 8085, 8086, 8088, 8089

Course: PEOPLES OF THE UNITED STATES
Description: A demographic and cultural history of the area that now comprises the United States, including American Indians and immigrants from Europe, Africa, and Asia. In this course students learn the experiences of different ethnic groups in the United States and examine prejudice. In order to understand prejudice they also learn about racism, classism, sexism, and homophobia. Students learn to look critically at the media and to analyze current issues. The course examines differences in cultural traditions as well as common traditions that all Americans share.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 1573

Course: PHYSICAL SCIENCE OF BUILDINGS 1/2
Description: Students enrolled in this course will get hands-on experience in the kind of work that stationary engineers do on a daily basis. This course will emphasize the Chemistry, Physics and mathematics that is used to solve the types of problems that stationary engineers encounter as they maintain buildings. Students will learn about building systems, heating and ventilation systems, plumbing systems, and electrical systems. Students will also participate in a variety of field trips to meet with stationary engineers at their building sites.
Grade Level:
Pre-Requisites: None
A-G status: G – pending
Course Code: 3158
Course: POETRY
Description: Students read major poets and study the forms of poetry. Students develop their abilities to read, understand, and appreciate poetry and to write their own poetry.
Grade Level: 11-12
Pre-Requisites: None
A-G status: None
Course Code: 1150

Course: PRINCIPLES OF FINANCE
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 4590

Course: READING LAB 1
Description: Students reading below a level determined at the school site may be assigned to Reading Lab, which offers intensive focus on English language skills in small, adult-led groups of no more than eight students. Students work on oral reading and comprehension, spelling, vocabulary, grammar, writing, and computer-managed and assisted skills programs. Students are re-tested at the end of each term and exit Reading Lab when scores and work habits indicate probable success in a regular English class. Individualized learning is emphasized.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248

Course: SAN FRANCISCO PERSPECTIVES 1/2
Description: Contemporary issues that confront residents of San Francisco and the Bay Area, such as the protection of the natural environment, the assimilation of immigrants from around the world, homelessness, transportation, and economic development.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 1636, 1637

Course: SCULPTURE
Description: This course introduces students to the fine art of forming figures, designs, and objects into a three-dimensional format. The class adds to the student's versatility of expression and further develops manual craftsmanship. It enables students to experience working with a variety of materials including clay, plaster, wire, paper and wood.
Grade Level: 10-12
Pre-Requisites: Art 1/2
A-G status: F Pending
Course Code: 6065, 6066

Course: SHOW CHOIR
Description: Students will receive continuing instruction in all aspects of producing a well balanced vocal sound as well as developing aural/listening skills. Students will learn and perform various types of show music and a wide range of pop music. Stage presence, choreography and showmanship will be emphasized. Students will be required to participate in selected performances which include festivals and competitions.
Grade Level:
Pre-Requisites: One year of vocal music or audition to be determined by the current instructor.
A-G status: None
Course Code: 7251

**Course: READING**
Description: Students reading below a level determined at the school site may be assigned to Reading Lab, which offers intensive focus on English language skills in small, adult-led groups of no more than eight students. Students work on oral reading and comprehension, spelling, vocabulary, grammar, writing, and computer-managed and assisted skills programs. Students are re-tested at the end of each term and exit Reading Lab when scores and work habits.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8710, 8760, 8810, 8910

**Course: SENIOR SEMINAR**
Description: The senior seminar is a demonstration by a student that he or she is ready to graduate. It shows that the student can think well and use important skills and knowledge. Choosing from the areas of service learning, internship, or an individual in-depth research project, students gain mastery in a particular area.
Grade Level: 12
Pre-Requisites: None
A-G status: G

**Course: STRATEGIES FOR SUCCESS 1/2**
Description: Strategies for Success is a one-year course designed to assist ninth grade students in their transition from middle school to high school, particularly in their adaptation to the demands of school's academic culture. The students learn techniques such as effective time management, consistent organization, assertive communication, outlining, note-taking from lectures and from reading, test-taking skills, and SQ3R (a reading comprehension technique). In addition, the course includes the discussion of topics such as self-discipline, responsibility, and the setting of short-term and long-term goals. Students are encouraged to reflect honestly about the positive and negative consequences of their past choices and about their power and capability to make the best possible choices in the future. Finally, the course provides academic and personal support by allowing time for study groups, peer tutoring, and peer counseling.
Grade Level: 9
Pre-Requisites: None
A-G status: None
Course Code: 8061, 8062, 8057, 8058, 8721, 8722

**Course: STEP TO COLLEGE 1/2**
Description: Step to College is a class in critical thinking designed primarily to improve students' reading, writing, and analytical skills through discussions on topical issues. The course provides important college preparation information through university field trips and application assistance. The course also teaches study skills and emphasizes writing and research.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 9811, 9812, 9813, 9814

**Course: STUDENT AIDE 1ST-8TH**
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8090, 8091, 8092, 8093, 8094, 8095, 8096, 8097, 8098, 8351, 8353, 8354, 8356, 8357, 8358, 8359
Course: STUDY SKILLS
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 1463, 8728, 9830, 9823, 8500, 8548, 8550, 8761, 8911

Course: SWIMMING REQUIREMENT
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 9885

Course: THEATER CORE
Description: This course provides an opportunity for students to study drama as a performing art, an academic discipline, an aesthetic experience and a craft. Through exercises in emotional response, body movement, and oral interpretation, the students experience basic acting techniques, as well as acquire the technical knowledge of stage movement, basic makeup, and basic costuming.
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 7304

Course: THEATRE FITNESS 1-4
Description: Theatre Fitness introduces and trains students in the various physical skills they will use as actors and helps them build endurance for the physically demanding work of theatre. It takes an enormous amount of energy, directed and focused appropriately, to survive 3 hours on stage in character, 8 shows a week. The goal of this class is to give the students the skills sustain their energy. The course includes movement and alignment, stage combat, physical theatre, clowning, and dance. This course is offered over four years with students continuing to advance their skills each year.
Grade Level: 9-12
Pre-Requisites: None
A-G status: F pending
Course Code: 6351, 6352, 6353, 6354

Course: TRANSITION PROGRAM
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8935
Course: TRAVEL/TOURISM 1
Description: Hospitality & Tourism  This is the first course students take in the Academy of Hospitality & Tourism and provides an overview of the current hospitality and tourism industry. Students learn about the history of the industry, explore traveler motivation and consumer needs, the industry’s economic and environmental impacts, domestic and international travel, and sales in tourism. Finally, students explore careers in the hospitality and tourism industry. Students develop a career plan and learn the principles of business communications. Students learn interview skills, to write formal letters and resumes, and to write a business plan. Students are required to keep a journal documenting their reflections as well as their field experiences. Text: Hospitality Services by Johnny Sue Reynolds
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 8063, 8064

Course: VIDEO PRODUCTION AND EDITING 1/2
Description: The primary focus of the course is the art of film and video, the creative process required to produce a quality film, and the use of film and video as a means of communication. Students will analyze films of various genres and the history of filmmaking. Students will complete projects based on the analysis of film types and styles that they will watch in class. Students will evaluate their films and the films of others to further apply the art of video production, including the creative process, drafts within the writing process, individual, and collaborative work. The course will direct students in their analysis and assessment of the art they produce with a critical eye toward artistic impact.
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 5375, 5376, 7305

Course: VIDEO PRODUCTION
Description: This is a professional quality video production class embracing all aspects of video film making, both documentary and dramatic. The highly collaborative and creative skills of video production are taught. Modeling outstanding examples of feature films, students incorporate the finest film art and understanding into their video work.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 7308

Course: VOCAL LAB BEGINNING 1
Description: 
Grade Level: 
Pre-Requisites: None
A-G status: F
Course Code: 6439, 6440

Course: VOCAL LAB INTERMEDIATE 1
Description: 
Grade Level: 
Pre-Requisites: None
A-G status: F
Course Code: 6441, 6442
Course: VOCAL MUSIC 1-3
Description: Students receive instruction and practice in voice development, proper breathing, tone production, diction, sight reading, rhythms and elementary music theory. Selected popular and classical music is performed. This course develops basic singing skills.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 7230, 7240, 7250

Course: VOCATIONAL PREP SH
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8605

Course: VOCATIONAL SKILLS
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8729, 9779, 8829, 8929

Course: VOCATIONAL TRAINING
Description:
Grade Level:
Pre-Requisites: None
A-G status: None
Course Code: 8934

Course: WEB DESIGN AND MAINTENANCE
Description: This course will focus on the designing, building and launching of Web sites using various software products, Web-based publishing tools, and basic HTML coding. Students will learn how to maintain, update and trouble-shoot Web pages and the proper procedures and protocol for maintenance. Students will determine a business requirements for their site, gather Web content, create Web pages, conduct usability testing, launch their Web Sites, and plan how to attract traffic to the Web site they have created. We will also explore various career opportunities in Web design. This course is part of the Academy of Information Technology course sequence.
Grade Level:
Pre-Requisites:
A-G status:
Course Code: 2439

Course: WOMEN'S STUDIES
Description: A historical examination of the role of women in US society, including changes in social, economic, and political roles; events and trends in the movement for women's rights; and changing representations in popular culture. Contemporary issues include violence against women, gender relations in the workplace, and health care.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 1618
Course: WORLD OF FINANCE
Description: Issues that impact the human race at a global level are explored. Topics may include global warming, food production, water supply, borders, energy, economics or terrorism. Emphasis is placed on critical analysis in both oral presentation and written assignments.
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 4592

Course: WORLD PERSPECTIVES
Description: Issues that impact the human race at a global level are explored. Topics may include global warming, food production, water supply, borders, energy, economics or terrorism. Emphasis is placed on critical analysis in both oral presentation and written assignments.
Grade Level: Pre-Requisites: None
A-G status: None
Course Code: 1726, 1727

Course: WORLD RELIGIONS 1-4
Description: A historical survey of the development of major world religions as well as local and regional religious traditions and syncretic religions that combine elements of various religions.
Grade Level: 9-12
Pre-Requisites: None
A-G status: None
Course Code: 1665, 1666, 1667, 1670, 1671, 1672, 1673

Course: XL CCSF 1
Description: High school counselors identify and recommend 11th and 12th grade students whom, in the counselor's judgment, would succeed academically in university-level courses. Recommended students may then enroll at City College if they meet the course prerequisites and if space is available in the class at the time of registration. Units earned in this manner are offered toward graduation from high school and for college credit. All such courses carry college credit which may be applied toward City College graduation for an Associate degree or transferred to another college. All credits for such courses are accepted by the California State University system. Certain courses may be acceptable for transfer to the University of California.
SFUSD Academy of Business and Finance and XL-CCSF course offerings: Financial Accounting; International Business; Commercial Law; and, Microcomputer Applications.
Grade Level: 11-12
Pre-Requisites: City College will grant Enrollment once the following forms have been submitted: (1) Principal's recommendation for special part-time student; (2) Parent/guardian consent form; (3) Application for admission; (4) Add form with appropriate section information CCF will issue a transcript upon completion of the course.
A-G status: Dependent upon course
Course Code: 9802, 9803

Course: YEARBOOK
Description: In producing the school yearbook, students learn about setting a theme, doing layouts, scheduling photography sessions, preparing photographs and copy, reading proofs, selling yearbooks and advertising space, and promoting and distributing the yearbook.
Grade Level: 11-12
Pre-Requisites: Teacher Approval
A-G status: None
Course Code: 1211, 9975
Additional Credit Earning Options

ADTP

UC Berkeley offers the Academic Talent Development Program (ADTP), a summer program designed for highly motivated secondary students. These courses are conducted on the UC Berkeley campus for six weeks and are available to any student grades 7-11. ADTP has tuition fees and financial aid is available. ADTP requires a serious time commitment; students should plan on spending three to ten hours on homework for each course. For more information, contact ADTP at 510-642-0510, by email at atdpoffice@berkeley.edu or consult their website at http://atdp.berkeley.edu for more information. ADTP recommends the number of credits that should be transferred for each course. The a-g list for these courses varies each year. For 2011, information is listed here: http://atdp.berkeley.edu/2011/2011UCa-glist.pdf

Current ADTP course offerings are listed below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Subject Area</th>
<th>Credits</th>
<th>A-G</th>
<th>SFUSD Course Equivalent</th>
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<tbody>
<tr>
<td>3100</td>
<td>The Writing Process</td>
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<td>Reading for Creative Writing</td>
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<td>3107</td>
<td>Advanced Reading and Writing</td>
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<td>3110</td>
<td>Beginning Acting 1</td>
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<td>Drawing and Design</td>
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<tr>
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<td>Architectural Design</td>
<td>Fine Arts</td>
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<tr>
<td>3116</td>
<td>Advanced Placement Art History</td>
<td>Fine Arts</td>
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<td>F</td>
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<tr>
<td>3121</td>
<td>First-Year Latin</td>
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<tr>
<td>3124</td>
<td>First-Year Japanese</td>
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<tr>
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<tr>
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<td>Third-Year Japanese</td>
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<tr>
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<td>Fourth-Year Japanese</td>
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<td>The Internet Classroom</td>
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<tr>
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<td>Algebra</td>
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<td>Game Design</td>
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<tr>
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<td>Course Code</td>
<td>Course Title</td>
<td>Subject Area</td>
<td>Credits</td>
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<tr>
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<td>Geometry</td>
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<td>Precalculus</td>
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<tr>
<td>3147</td>
<td>Advanced Calculus</td>
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<tr>
<td>3152</td>
<td>Introduction to Psychology</td>
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<tr>
<td>3153</td>
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<tr>
<td>3158</td>
<td>The Practice of Law</td>
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<tr>
<td>3159</td>
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<td>3160</td>
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<tr>
<td>3161</td>
<td>Advanced Placement Psychology</td>
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<tr>
<td>3162</td>
<td>Advanced Placement Comparative Government</td>
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<td>3164</td>
<td>Advanced Placement Economics</td>
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<tr>
<td>3171</td>
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<td>3173</td>
<td>Marine Biology</td>
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<tr>
<td>3175</td>
<td>Introduction to Chemistry</td>
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<tr>
<td>3177</td>
<td>Introducing Physics</td>
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<td>Advanced Placement Environmental Science</td>
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<td>3179</td>
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<tr>
<td>3181</td>
<td>Cognitive Neuroscience</td>
<td>Natural Sciences</td>
<td>10</td>
<td>G</td>
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</tr>
</tbody>
</table>

Students who have completed their sophomore year in high school are also eligible to apply to regular UC Berkeley Summer Session courses. Students who attend regular Summer Session classes will be in class with college students and will receive college credit. Request the summer catalog by calling 510-642-5611 or visit their website at: [http://summer.berkeley.edu](http://summer.berkeley.edu).

*Must complete both beginning acting 1 and 2.
City College of San Francisco Courses

City College of San Francisco offers three options for SFUSD students to earn credits: dual enrollment, transitional studies and regular CCSF courses.

Concurrent Enrollment
High school students may take CCSF classes. Before enrolling, students should meet with the high school counselor. To be eligible, for concurrent enrollment, students must have at least 120 High school credits and a minimum 2.0 GPA. CCSF prohibits enrollment of Physical Education courses (Title 5 Regulation, Section 55002). Remember, college classes are more advanced and are taught at a faster pace than high school courses. Grades earned in concurrent enrollment are permanently on your college transcript.

Students intending to take English, Math or courses with prerequisites MUST take the CCSF placement test. If you are not a California resident, you will be charged non-California resident fees of $187.00 per semester unit. Any questions regarding concurrent enrollment, hsenroll@ccsf.edu (415) 239-3286

Many of these courses meet A-G requirements. The complete A-G list for CCSF is online at https://doorways.ucop.edu/list/app/home?execution=e2s6

Dual Enrollment
Dual Enrollment is available to high school juniors and seniors enrolled in career technical academies. Dual enrollment allows students to earn credits that apply toward college. Participating in dual enrollment eases the transition from high school to college and encourages students to keep pursuing postsecondary education. Most dual enrollment classes take place on the college campus – Ocean, Mission, or Downtown Campus. This provides a more authentic college experience, allows you to take classes alongside college students, and helps you get familiar with the college campus and atmosphere. All the campuses above are well served by public transit.

Dual enrollment is open to all enrolled SFUSD High School students, including home-schooled students, who have completed 120 High School credits and have a minimum G.P.A. of 2.0. Students with a minimum 2.0 GPA and 120 high school credits, may can enroll in a maximum of 3 units per semester. Students with a minimum 2.0 GPA and 204 high school credits, may enroll in a maximum of 6 units per semester. Students covered under this dual enrollment program are restricted to courses in Career and Technical Education (CTE) fields. Students enrolling in English or Math coursework, or students who have exceeded 9 units at CCSF are required to take the CCSF English and Math Placement Exam Fees: High school students are not required to pay CCSF enrollment fees. However, students who take courses outside the CTE field will be required to pay their own tuition and fees. Learn more about dual enrollment here: http://www.ccsf.edu/NEW/en/future-students/future-academy_pathway-dual-enrollment-students.html

Transitional Studies
The Transitional Studies Department offers instruction in the CCSF High School Diploma Program, General Education Development (GED), Adult Basic Education, and Vocational Foundation Skills. The curriculum consists of courses in reading, writing, mathematics, and specific subjects at basic, intermediate, and advanced levels. Instructional methodology includes both individualized and traditional classroom instruction. All courses are free of charge and are designed to help students complete their adult education and, if desired, transfer to college degree or career/technical certificate programs. Programs and classes are available day and evening at John Adams, 31 Gough, Southeast, and Mission campuses. The Mission Campus offers classes taught primarily in Spanish.
For additional information contact Jane Sneed at 415-920-6042 or jsneed@ccsf.edu.
Learn more about transitional studies here: http://www.ccsf.edu/Departments/Transitional_Studies/
**CCSF /SFUSD**

**Transitional Studies Course Registration Coversheet**

<table>
<thead>
<tr>
<th>From SFUSD Counselor:</th>
<th>To: Don Norton, Student Support Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Number:</td>
<td>Fax number: 415-750-8653</td>
</tr>
<tr>
<td>Counselor Email:</td>
<td><strong>Send Original Application Packet to:</strong></td>
</tr>
<tr>
<td>School:</td>
<td><strong>Student Support Services, 20 Cook St.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Attention: Don Norton</strong></td>
</tr>
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<table>
<thead>
<tr>
<th>Reason for taking course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Credit Recovery</td>
</tr>
<tr>
<td>□ Course Not Available at school-site</td>
</tr>
<tr>
<td>□ Other:__________________</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Name:</th>
<th>Student H0#:</th>
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**Send Original Application Packet to: Student Support Services, 20 Cook St. Attention: Don Norton**
The courses listed below indicate which CCSF Transitional Studies courses align with SFUSD courses and the appropriate course number.

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California State University and University of California Admission Requirements

Students applying for admission to a California State University (CSU) or University of California (UC) campus must complete the 15 units of high school coursework listed below (one unit equals two semesters or one academic year of study). Students who complete the NEW High School Graduation Requirements (for Class of 2014 and beyond) AND receive a C in these classes will be UC/CSU eligible.

Be advised that as of September 2010, all high school courses should satisfy this requirement. Every SFUSD high school has a list of eligible CSU and UC course; students should consult the school counselor for verification or www.ucop.edu/doorways/.

a-g Subject Requirements

a. **History/Social Science**: 2 years required
   Two years of history/social science, including one year of world history, cultures and geography; and one year of U.S. history or one-half year of U.S. history *and* one-half year of civics or American government.

b. **English**: 4 years required
   Four years of college preparatory English that include frequent and regular writing, and reading of classic and modern literature. Not more than two semesters of ninth-grade English can be used to meet this requirement.

c. **Mathematics**: 3 years required (4 years recommended for UC)
   Three years of college preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades that your high school accepts as equivalent to its own math courses.

d. **Laboratory Science**: 2 years required (3 years recommended for UC)
   Two years of lab science providing fundamental knowledge in two of these three core disciplines: biology (which includes anatomy, physiology, marine biology, aquatic biology, etc.), chemistry and physics. The final two years of an approved three-year integrated science program may be used to fulfill this requirement. Not more than one year of ninth-grade laboratory science can be used to meet this requirement.

e. **Language Other Than English**: 2 years required (3 years recommended for UC)
   Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition, and culture. Courses in a language other than English taken in the seventh and eighth grade may be used to fulfill this requirement if your high school accepts them as equivalent to its own courses.

f. **Visual and Performing Arts (VPA)**: 1 year required
   One year of visual and performing arts chosen from the following: dance, drama/theater, music or visual art.

g. **College Preparatory Electives**: 1 year required
   Two additional semesters from: visual and performing arts (non-introductory level courses), history, social science, English, advanced mathematics, laboratory science, and language other than English (a third year in the language used for the e requirement or two years of another language).