



Where **Exceptional** is the **Rule**

**HIGH SCHOOL  
COURSE CATALOGUE  
2015-2016**

601 S. Figueroa Street ▪ Suite 400 ▪ Los Angeles ▪ CA ▪ 90017 ▪

[www.laalliance.org](http://www.laalliance.org)

***-COURSES NOT LISTED IN THIS CATALOGUE CANNOT BE OFFERED***

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**-Please use the Alliance 6-Digit course codes when scheduling students & inputting historical grades into PowerSchool.**

**-All courses submitted to University of California Doorways for approval must use the EXACT Alliance course names as listed in this catalogue**

**-Courses with “A-G” designation are eligible for UC/CSU approval**

**-Individual high schools are responsible for submitting and renewing their annual A-G course lists**

**-Alliance High School and Middle School Course Catalogues are posted on [Alliance + site](#).**

## INTRODUCTION

Included in this guide are Alliance graduation requirements, college admission requirements, and a brief description of the courses available to students. ***COURSES NOT LISTED IN THIS CATALOGUE CANNOT BE OFFERED.*** Alliance high schools wanting to expand their course offering must follow the Alliance New Course Approval process, which takes place the spring prior to the school year the course will be offered.

Our goal at Alliance College-Ready Public Schools is first and foremost to prepare ALL students to graduate from high school ready for success in college. Additionally, the Alliance aims to help students acquire the attitudes, knowledge and skills that contribute to effective learning in school and in life, help students understand the relationship between academics to professional life, and to discover knowledge of self to make informed career decisions.

### Alliance High School Graduation Requirements

- Unit/Credit requirements for graduation: **230**
- Total Minimum A-G Credits required: **160**
- Course requirements for graduation: Pass **all** courses with a grade of C or higher (basic proficiency).
- Core Courses offered may be Standard Core, Honors or Advanced Placement.
- Advanced Placement Courses and Exams may be offered on site or online.
- Exam requirements for graduation: Passing score on California High School Exit Exam (CAHSEE) English and Math.
- ALL** Alliance College-Ready school courses are transferable to other high schools to meet graduation requirements

Students who are unsuccessful in meeting the Alliance 230 credit “a-g” high school graduation requirement and/or do not pass the California High School Exit Exam (CAHSEE) are ineligible to participate in graduation, may return to their high school and will be designated as a 5<sup>th</sup> year senior.

## ALLIANCE “A – G” COLLEGE PREP COURSEWORK AND GRADUATION REQUIREMENTS

Alliance high school graduation requirements are in alignment with the University of California (UC) and California State University (CSU) “A-G” minimum undergraduate admission requirements. Alliance high school students must pass all courses with a grade of “C” or higher to receive course credit.

Subject Area	Grade 9 [65 credits]	Grade 10 [65 credits]	Grade 11 [65 credits]	Grade 12 [65 credits]
<b>A-G UC/CSU Requirements</b>	Advisory [5]	Advisory [5]	Advisory [5]	*Advisory [5]
<b>(a) History / Social Science</b> - 2 yrs required: - 20 credits		<b>(a)</b> World History, Cultures, and Historical Geography [10]	<b>(a)</b> U.S. History [10]	<b>(g)</b> American Government (sem.) [5] & Economics (sem.) [5]
<b>(b) English/Language Arts</b> - 4 yrs required: - 40 credits	<b>(b)</b> Common [10] Core English 9 OR Common Core English 9 Honors	<b>(b)</b> Common [10] Core English 10 OR Common Core English 10 Honors	<b>(b)</b> Common [10] Core English 11 OR AP English Language	<b>(b)</b> Common [10] Core English 12 OR AP English Literature OR ERWC
<b>(c) Math</b> - 3 yrs required - 30 credits	<b>(c)</b> Integrated [10] Math 1 OR <b>(c)</b> Integrated Math 2	<b>(c)</b> Integrated [10] Math 2 OR <b>(c)</b> Integrated Math 3	<b>(c)</b> Integrated [10] Math 3 OR <b>(c)</b> Pre-Calculus	<b>(g)</b> Pre-Calculus[10] OR AP Calculus AB/ AP Calculus BC Or Statistics
<b>(d) Laboratory Science</b> - 2 yrs required (3 recommended) - 20 credits <i>- May not be offered online unless wet lab is offered</i>	<b>(d)</b> Biology [10] OR <b>(d)</b> Environmental Science	<b>(d)</b> Biology OR <b>(d)</b> Environmental Science	<b>(d)</b> Chemistry [10]	<b>(g)</b> Physics
<b>(e) Language other than English</b> - 2 yrs required - 20 credits	<b>(e)</b> Spanish 1 [10] <i>Or Certification Or Other language</i>	<b>(e)</b> Spanish 2 [10] <i>Or Certification Or Other language</i>	<b>(g)</b> Spanish 3 [10]  <i>OR Elective</i>	<b>(g)</b> Spanish 4 [10]  <i>OR Elective</i>
<b>(f) Visual / Performing Arts</b> - 1 yr required - 10 credits <i>- May not be offered online</i>			<b>(f)</b> Music, Dance, Drama, or Art [10]	<i>(f)</i> VPA or (g) Elective
<b>(g) College Prep Elective</b> - 1 yr (2 semesters) - 10 credits (g) courses				
<b>Physical Education</b> - offered/not required grades 9,10	PE/*Health [10] Or Elective	PE/*Life Skills [10] Or Elective		
<b>Other Electives</b>	Academic Support Elective: [10] English, Math			Community Service Project [Via Advisory]

The following information is based on the University of California/California State University admission requirements. These requirements are typical of most universities, however be sure to check with the student's college of choice to confirm specific requirements. Alliance graduation requirements are aligned to UC/CSU college-entrance requirements.

<b>UC/CSU Admission Requirements "A-G"</b>	<b>YEARS</b>
U.S. History	1
World History or AP European History (CDE requires W.H.)	1
College Prep English, AP recommend	4
Mathematics (Algebra 1, Algebra 2, Geometry, Integrated Math, Pre-Calculus, Calculus or Statistics)	3
Laboratory Science (1 Biological Science & 1 Physical Science)	2
Language Other Than English (LOTE)	2
Visual and Performing Arts (1 year same content)	1
Additional Academic Electives are required. These include a third year of science, foreign language and a fourth year of math, social science, advanced visual or performing arts.	1

In addition to the above undergraduate course requirements, the college admissions exams required include:

- SAT Reasoning OR ACT + Writing
- SAT Subject Tests (Recommended, NOT required for all)

\*\*\*Students applying to colleges & universities requiring and/or recommending SAT Subject tests are encouraged to take SAT Subject tests concurrent with the corresponding content course

### **Legend**

Note Length of class is designated by (Year) or (Semester)

Grade level course is available and is noted next to course length: Freshman, Sophomore, Junior or Senior

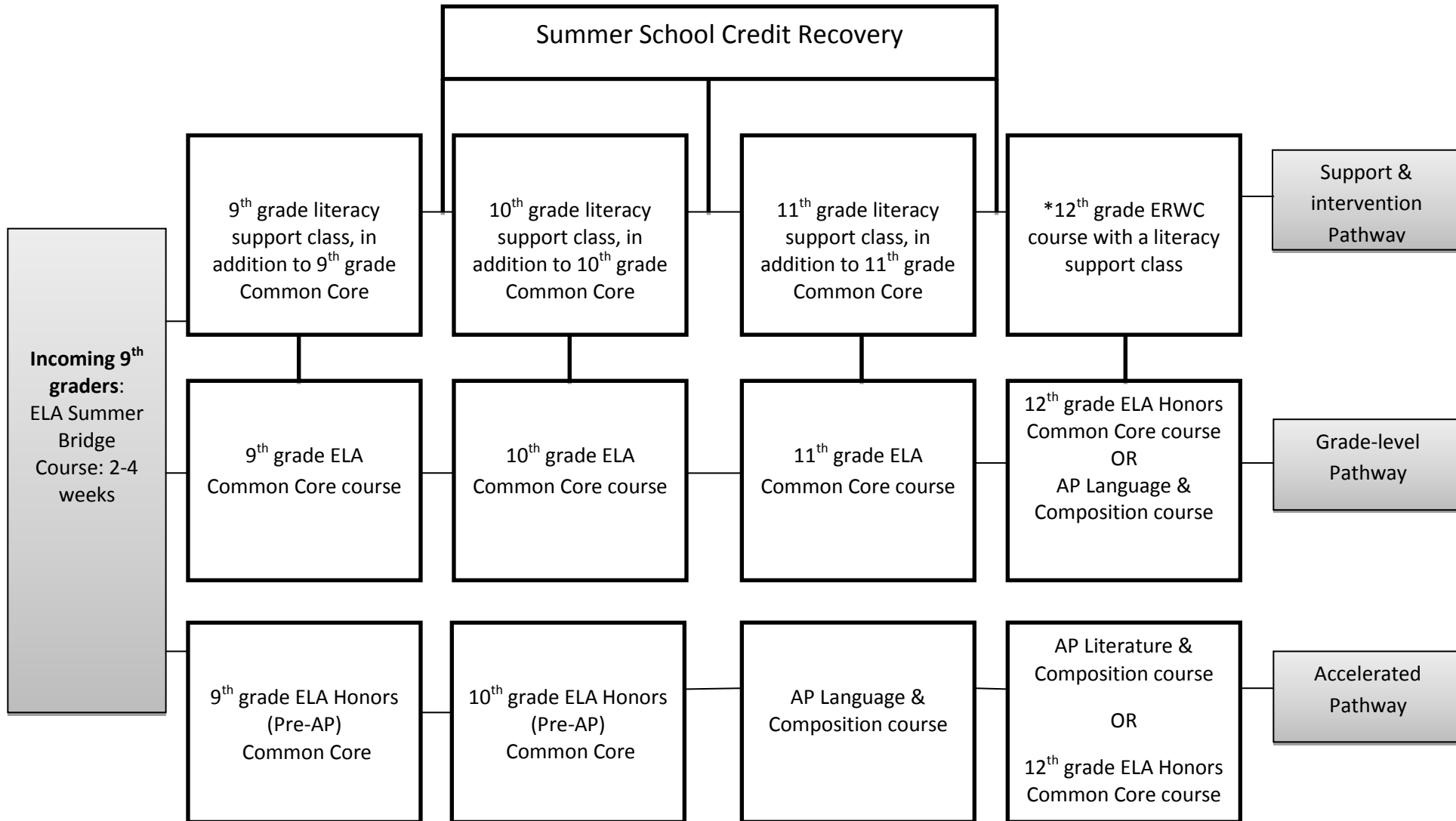
## Summer School & Bridge Credit Information

During the summer, all schools offer programs to transition students to the school and/or offer credit-bearing courses to ensure on-track graduation progress.

All schools should follow the chart below to determine whether the site course offerings meet the standards for offering credit.

<b>Course Type</b>	<b>Content/Purpose</b>	<b>Grade Levels</b>	<b>Delivery Method</b>	<b>Hours</b>	<b>Credit</b>
Summer Bridge	<ul style="list-style-type: none"> <li>• Transition to middle school/high school program</li> <li>• Basic skills remediation</li> <li>• Study skills</li> <li>• Diagnostic testing/placement</li> </ul>	Incoming 6 <sup>th</sup> & 9 <sup>th</sup> graders	Credentialed teachers/administrator	Varies	None
Summer Bridge ELA	<ul style="list-style-type: none"> <li>• Focus on Common Core State Standards for English/Language Arts</li> <li>• Content aligned</li> </ul>	Incoming 6 <sup>th</sup> & 9 <sup>th</sup> graders	Credentialed teacher	30 to 60 hours	2.5 elective credit
Summer Bridge Mathematics	<ul style="list-style-type: none"> <li>• Focus on Common Core State Standards for Mathematics</li> <li>• Content aligned</li> </ul>	Incoming 6 <sup>th</sup> & 9 <sup>th</sup> graders	Credentialed teacher	30 to 60 hours	2.5 elective credit
Summer Bridge ELA & Math	<ul style="list-style-type: none"> <li>• Focus on Common Core State Standards for English/Language Arts &amp; Mathematics</li> <li>• Content aligned</li> </ul>	Incoming 6 <sup>th</sup> & 9 <sup>th</sup> graders	Credentialed teacher	60 hours	2.5 elective credit
Semester-long Content Course	<ul style="list-style-type: none"> <li>• Common Core State Standards</li> <li>• California State Standards</li> <li>• Recover credits for graduation/promotion</li> </ul>	All grade levels	Credentialed teacher	60 hours	5.0 core credits
Annual Content Course	<ul style="list-style-type: none"> <li>• Common Core State Standards</li> <li>• California State Standards</li> <li>• Recover credits for graduation/promotion</li> </ul>	All grade levels	Credentialed teacher	120 hours	10.00 core credits
Online credit recovery	<ul style="list-style-type: none"> <li>• Content provider determined (aligned to California State Standards and/or Common Core State Standards)</li> </ul>	High School	Online (supervised by credentialed staff member)	Self-paced for completion of assignments	5.0 semester 10.0 annual course

## High School Common Core ELA Pathways



### **Honors courses**

Common Core by nature is very rigorous, but if you want to offer honors as an accelerated path, our recommendation is for your honors course to reflect a Pre-AP model to prepare high school students to pass the AP course as well as the AP test so they can obtain college credit.

### **12th grade courses**

\*If students receive an achievement level of “2” or “1” on the SBAC/CAASPP (previously the EAP) the recommendation would be that they are enrolled in the ERWC course.

\*If students receive an achievement level of “3” on the SBAC/CAASPP (previously the EAP) the recommendation would be that they are enrolled in the 12<sup>th</sup> grade Honors course.

\*If students receive an achievement level of “4” on the SBAC/CAASPP (previously the EAP) the recommendation would be that they are enrolled in the 12<sup>th</sup> grade Honors course OR AP Lit OR AP Lang if previously not enrolled.

Please note that if students receive a “3” on the SBAC/CAASPP, it represents a conditional status for Cal States; therefore, they must be enrolled in the following courses during senior year (and pass) to avoid college remediation. (ERWC, 12<sup>th</sup> grade Honors or an AP course).

### **Description of the EAP**

The EAP was developed by the CSU in collaboration with the California Department of Education (CDE) and the State Board of Education and is accepted by participating CCC campuses as well as the CSU. All grade eleven students who participate in the English and mathematics CAASPP examination will achieve a performance level that will be used for the EAP.

### **Achievement Levels**

The Achievement levels identify a student’s ability to perform college-level work in these subject areas and will provide valuable information on skills that can be developed while still enrolled in high school.



### **Achievement Level 4**

Students who are identified at Achievement Level 4 in English or mathematics will be classified as ready for college-level coursework and will be exempt from taking the CSU English Placement Test (EPT) or Entry Level Mathematics (ELM) exam. These students will be able to register in college degree-bearing courses upon entering the CSU or participating CCC.

### **Achievement Level 3**

Students who are identified at Achievement Level 3 in English or mathematics will be classified as Conditionally Ready and will be encouraged to take an approved English or mathematics class in the senior year and earn a grade of “C” or higher to be exempt from placement testing after admission to the CSU. Students who successfully fulfill the condition will also be able to enroll in college degree-bearing courses. Individual CCC campuses may implement requirements for students to demonstrate readiness. The following are approved senior-year courses for the CSU:

English:

Expository Reading and Writing Course

Advanced Placement English

International Baccalaureate English

English courses approved for extra honors credit by the University of California (so indicated on the University of California Course Management Portal—formerly known as UC Doorways)

<http://www.cde.ca.gov/ta/tg/sa/eap15adminnotifltr.asp>

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## ENGLISH

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All students must be enrolled in an English class every semester and must earn a total of 40 units of English credit in to graduate. All Alliance English courses comply with required California standards for English Language Arts.

### **ENGLISH COURSES**

Count under category (b) for the UC/CSU “A-G” college admissions requirements

#### **COMMON CORE ENGLISH 9A- 321301**

#### **COMMON CORE ENGLISH 9B- 321302**

(Year) Freshman

#### **UC Approved (b)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

The goal of the Grade 9 Common Core English course in ELA is to build in each student, by the time they complete secondary school, the stamina and strategies for reading independently and deeply across the range, quality, and complexity of texts included in the curricula. To do so, the Grade 9 Common Core English course provides ample time for independent reading of texts of their choice while helping them to develop a repertoire of strategies for understanding rich and complex literature as well as informational texts required for college and career readiness.

#### **COMMON CORE ENGLISH HONORS 9A- 321304**

#### **COMMON CORE ENGLISH HONORS 9B- 321305**

(Year) Freshman

#### **UC Approved (b)**

*Prerequisite: Highest 20% on diagnostic exam aligned to ELA 9 Common Core reading, writing and language standards.*

**Credential Requirement:** Single Subject in English; or English Authorization

English 9 Honors is a literature-based course that focuses on the development of fluency in the English language through the study of the literary genres and historically and culturally significant works and authors from American and world literature. Students will develop professional speaking and listening skills by conducting and participating in in-depth discussions and be asked to compose well-written analytical responses to fiction and non-fiction classic and contemporary selections. Students will be asked to write in multiple genres, including argumentative, informational, and narrative forms. This class is designed for highly motivated 9th graders who demonstrate exceptional ability in English and are willing to read and write extensively both in and out of class. The curriculum is designed to help students develop their academic English reading, writing, speaking and listening fluency through literary analysis and research writing projects, the study of English grammar and mechanics, vocabulary exercises and class discussion. This course covers the same content as English 9 at an accelerated pace and in greater depth and is designed to prepare students to take English 10 Honors and AP English courses junior and senior year. This course is aligned with the Common Core State Standards and will follow Pearson’s Common Core Curriculum.

**COMMON CORE ENGLISH 10A- 321311****COMMON CORE ENGLISH 10B- 321312**

(Year) Sophomore

**UC Approved (b)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

The goal of the Grade 10 Common Core English course in ELA is to build in each student, by the time they complete secondary school, the stamina and strategies for reading independently and deeply across the range, quality, and complexity of texts included in the curricula. To do so, the Grade 10 Common Core English course provides ample time for independent reading of texts of their choice while helping them to develop a repertoire of strategies for understanding rich and complex literature as well as informational texts required for college and career readiness.

**COMMON CORE ENGLISH HONORS 10A- 321306****COMMON CORE ENGLISH HONORS 10B- 321307**

(Year) Sophomore

**UC Approved (b)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

This course will focus on reading, writing, and speaking, and will be more reading and writing intensive than the regular level course. Students will read and analyze prose written in a variety of periods, disciplines, and rhetorical contexts. Students will write and speak in a variety of rhetorical modes, namely argument, expository, and narration. Students will formulate skillful judgments of their own and deliver focused and coherent presentations that convey clear perspectives and solid reasoning. Students will develop the conventions of standard English grammar and usage when writing or speaking.

**COMMON CORE ENGLISH 11A- 321321****COMMON CORE ENGLISH 11B- 321322**

(Year) Junior

**UC Approved (b)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

The goal of the Pearson Common Core System of Courses in ELA is to build in each student, by the time they complete secondary school, the stamina and strategies for reading independently and deeply across the range, quality, and complexity of texts included in the curricula. To do so, each Common Core course in ELA provides ample time for independent reading of texts of their choice while helping them to develop a repertoire of strategies for understanding rich and complex literature as well as informational texts required for college and career readiness.

**COMMON CORE ENGLISH HONORS 11A- 321309**

**COMMON CORE ENGLISH HONORS 11B- 321310**

(Year) Junior

**UC Approved (b)**

*Prerequisite: None*

**Credential Requirement: Single Subject in English; or English Authorization**

The 11th grade experience consists of five 28-30 day units with two 5-day assessment units following units 2 and 3. Over the course of the year there is a steady progression in text complexity levels, sophistication of writing tasks, speaking and listening activities, and increased opportunities for independent and collaborative work. Rubrics and student models accompany all writing assignments. Students engage in close reading of classical and contemporary complex texts. They write in the argument, informational, and narrative genres and engage in speaking and listening activities throughout the year.

**COMMON CORE ENGLISH 12A- 321331**

**COMMON CORE ENGLISH 12B- 321332**

(Year) Senior

**UC Approved (b)**

*Prerequisite: None*

**Credential Requirement: Single Subject in English; or English Authorization**

The goal of the Pearson Common Core System of Courses in ELA is to build in each student, by the time they complete secondary school, the stamina and strategies for reading independently and deeply across the range, quality, and complexity of texts included in the curricula. To do so, each Common Core course in ELA provides ample time for independent reading of texts of their choice while helping them to develop a repertoire of strategies for understanding rich and complex literature as well as informational texts required for college and career readiness.

**COMMON CORE ENGLISH HONORS 12A- 321340**

**COMMON CORE ENGLISH HONORS 12B- 321341**

(Year) Senior

**UC Approved (b)**

*Prerequisite: Completion of 11th grade Common Core ELA or AP Language & Composition.*

*Additionally, students must have reached an Achievement Level of 3 or higher on the CAASPP/SBAC.*

**Credential Requirement: Single Subject in English; or English Authorization**

12th grade Common Core Honors is an expository-based course that focuses on developing argumentative reasoning and writing skills in order to prepare students to be successful in a college-level ELA composition course. The course is thematically designed to engage students in social justice matters, as well as real-life scenarios. The progression of units contributes to an end-of-the-year culminating assessment which involves a senior research project and presentation.

**EXPOSITORY READING & WRITING A- 230143****EXPOSITORY READING & WRITING B- 230144**

(Year) Senior

**UC Approved (b)****Credential Requirement: Single Subject in English; or English Authorization**

The goal of this course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course – the assignment template- presents a process for helping students read, comprehend, and respond to nonfiction and literary texts. Modules also provide instruction in research methods and documentation conventions.

**AP ENGLISH LANGUAGE & COMPOSITION A – 230125**

(Year) Junior

**UC Approved (b)****Credential Requirement: Single Subject in English; or English Authorization**

Advanced Placement Junior English prepares students for the Advanced Placement Examination in Language and Composition. The class is an exploration of American Literature from the Puritan period to the post-Civil War period. Students will also study examples of non-fiction prose to develop an appreciation for diction, syntax, and style and an understanding of the methods of argumentation (rhetoric). Students must become acquainted with different techniques of writing style and be able to use them in their own writing. Students must be able to read well, understand grammar, and employ composition skills with a high level of competence before entering this course.

**AP ENGLISH LANGUAGE & COMPOSITION B - 230126**

(Year) Juniors

**UC Approved (b)****Credential Requirement: Single Subject in English; or English Authorization**

This course continues the first semester's study of American literature and extends it into the modern period. Students will continue their study of diction, syntax, style, and rhetorical techniques for use on the AP Language Exam administered in May. In the five weeks preceding the exam, students will complete a variety of activities intended to prepare them for the examination. Following the AP examination, students will engage in an intensive study of the techniques of poetry, its meaning, techniques, and forms.

**AP ENGLISH LITERATURE & COMPOSITION A - 230117**

(Year) Seniors

**UC Approved (b)****Credential Requirement: Single Subject in English; or English Authorization**

This senior level course will continue the study of poetry introduced in AP Junior English B. A Shakespearean play and two or three novels and/or plays will be included in the literature requirements. Students will study Chaucer, sixteenth century poetry, and other pre-eighteenth century literature. Students will be required to write a minimum of 3 lengthy essays of literary analysis in addition to a personal essay appropriate for college applications.

## **AP ENGLISH LITERATURE AND COMPOSITION B - 230118**

(Year) Seniors

**UC Approved (b)**

**Credential Requirement:** Single Subject in English; or English Authorization

AP English B is a course designed to help students sharpen their analytical skills and to structure their review of literature in preparation for the challenging AP Exam in Literature and Composition. The course includes analysis of various types of literature, such as poetic explication, as well as the study of techniques involved in the writing of timed essays of analysis. Students are expected to read well and employ composition skills with a high level of competence before entering this course. Students will write approximately one essay per week and reread and analyze six to eight works of literary merit in the first quarter of the course.

In the five weeks preceding the exam, students will complete a variety of activities intended to prepare them for the rigorous examination. Following the AP exam, students will complete independent projects related to literature.

## **ENGLISH LANGUAGE DEVELOPMENT 1A – 230153**

## **ENGLISH LANGUAGE DEVELOPMENT 1B – 230154**

(Year) Freshman, Sophomore, Junior, Senior

**NOT UC APPROVED**

**Prerequisite:** *Students who take ELD I have been identified as speaking a primary or home language other than English. Determination of placement will be based on results from the CELDT, and local assessments, class work, teacher input, years enrolled in U.S. schools, and foreign transcripts.*

**Credential Requirement:** Single Subject in English; or English Authorization

ELD I provides communication-based, content based, and literature based activities delivered through research-based instructional strategies appropriate for English learners in the beginning and low early intermediate levels of language proficiency. The student learning and performance goals are based on the California ELD Standards for grades 9-12, Emerging level. The emphasis at this level is on listening comprehension, oral production in English, vocabulary development and fluency. Instruction also includes academic vocabulary for the content areas, and informational and functional reading skills based on classroom and student experiences. Literature selections reflect the culture and ethnicity of the students enrolled in the course. Students will participate in writing lessons using the language experience approach and shared and guided writing strategies which allow writing skills to develop in a scaffolded environment. Students' primary language skills will be assessed to determine the amount of instruction needed in beginning literacy skills such as phonemic awareness and decoding. In addition to mastering literacy and English skills, students will become acquainted with United States culture and traditions, knowledgeable of the school's facilities and procedures, aware of community organizations and services, and familiar with bilingual/bicultural opportunities.

**ENGLISH LANGUAGE DEVELOPMENT 2A – 230155**

**ENGLISH LANGUAGE DEVELOPMENT 2B – 230156**

(Year) Freshman, Sophomore, Junior, Senior

**NOT UC APPROVED**

**Prerequisite:** *Students who take ELD II have been identified as speaking a primary or home language other than English. Determination of placement will be based on results from the CELDT, and local assessments, class work, teacher input, years enrolled in U.S. schools, and foreign transcripts.*

**Credential Requirement:** *Single Subject in English; or English Authorization*

English Language Development (ELD) II continues the development of listening, speaking, reading and writing skills in English with increased focus on reading and writing. Instruction is delivered through research-based instructional strategies appropriate for English learners in the mid to high early intermediate levels of language proficiency. The students learning and performance goals for the course are based on the California ELD Standards for grades 9-12, Emerging level. Students begin to understand and use language and information in a wide range of situations. Control of basic grammar is evident but may be inconsistent. Reading comprehension skills include interpreting reading passages, developing critical and evaluative reading skills, and applying their reading ability to solve problems. Instruction also includes academic vocabulary for the content areas, and informational and functional reading skills. Fluency practice continues as the rigor of the academic language increases. In addition, emphasis is placed on summary writing, note-taking strategies, generating questions, answering questions, narrative text structure, and strategies for reading content-area textbooks. Students continue to explore bilingual/bicultural career opportunities.

**ENGLISH LANGUAGE DEVELOPMENT 3A – ??????**

**ENGLISH LANGUAGE DEVELOPMENT 3B – ??????**

(Year) Freshman, Sophomore, Junior, Senior

**NOT UC APPROVED**

**Prerequisite:** *Students who take ELD III have been identified as speaking a primary or home language other than English. Determination of placement will be based on results from the CELDT, and local assessments, class work, teacher input, years enrolled in U.S. schools, and foreign transcripts.*

**Credential Requirement:** *Single Subject in English; or English Authorization*

English Language Development (ELD) III is an intensive course of academic English instruction that is delivered through research-based instructional strategies appropriate for English learners in the intermediate level of language proficiency. The student learning and performance goals for the course are based on the California ELD Standards for grades 9-12, Expanding level, and the California Language Arts Standards assessed on the CAHSEE. Emphasis is placed on the reading and writing processes and students learn the distinctions among the various reading and writing genres. Students communicate ideas and information orally and in writing with increased confidence and for different audiences and purposes. Instruction continues to assist students in developing appropriate academic language and learning strategies. Students continue to explore bilingual/bicultural career opportunities.

## ENGLISH LANGUAGE DEVELOPMENT 4A – ??????

## ENGLISH LANGUAGE DEVELOPMENT 4B – ??????

### UC Approved (b)

(Year) Freshman, Sophomore, Junior, Senior

**Prerequisite:** *Students who take ELD IV have been identified as speaking a primary or home language other than English. Determination of placement will be based on results from the CELDT, and local assessments, class work, teacher input, years enrolled in U.S. schools, and foreign transcripts.*

**Credential Requirement:** *Single Subject in English; or English Authorization*

English Language Development (ELD) IV is an intensive course of academic and university preparatory English instruction that is delivered through research-based instructional strategies appropriate for English learners in the early advanced and advanced levels of language proficiency. The student learning and performance goals for the course are based on the California ELD Standards for grades 9-12, Bridging level, and the Language arts Standards assessed on the CAHSEE. This course is designed to engage English learners in higher-level speaking, reading, writing, listening, and evaluating exercises using a variety of reading in essays, novels, short stories, drama and expository genres. Speeches and writing will include the use of reflection, supported claims and assertions, primary and secondary sources, and point of view. The elements of composition (grammar, usage and mechanics) and the conventions of the English language will be taught through the study of models, test exercises, students' writing, and outside reading. In order to ensure that students will be successful in all college preparatory content classes, the following research supported cognitive strategies will be explicitly taught during this course: predicting, activating, inferring, monitoring-clarifying, questioning, searching-selecting, summarizing, visualizing-organizing, analyzing author's craft and purpose, and self monitoring while reading (McEwan, 2007; Harvey, 2000; Zimmerman and Keene, 1997; Pressley, 2000). This course prepares students to succeed in college preparatory grade level mainstream. In addition, students will continue to explore bilingual/bicultural opportunities.

## ENGLISH ELECTIVES

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### CC READING A - 321316

### CC READING B - 321317

(Year) Freshman, Sophomore, Junior, Senior

### UC Approved (g)

**Prerequisite:** *None*

**Credential Requirement:** *Single Subject in English; or English Authorization*

This class will improve fundamental reading skills, including word-attach skills, vocabulary development, reading comprehension, fluency and interpretation. Extensive opportunities for applying reading strategies before, during and after reading will be provided. Critical analysis skills in relationship to various texts will be introduced to guide students toward college level reading.



**CC CREATIVE WRITING A -221131**

**CC CREATIVE WRITING B- 221132**

(Year) Freshman, Sophomore

**UC Approved (g)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

The course gives students strategies and practice in writing poetry, prose, and criticism. By studying short stories, poetry, and novel selections, students will learn to read as a writer and write with knowledge of literary techniques in mind. Through large, small group, and independent study, students will discuss and analyze the aesthetic values of word choice, the structure of a story, and the demands of finding one's own voice. Students will also acquire tools for improving their writing skills with particular emphasis on revision. A student in this course will have to tolerate, and perhaps live with, constructive criticism. Openness is a must.

**CC CREATIVE WRITING 11/12 - 221134**

**CC CREATIVE WRITING 11/12 - 221135**

(Year) Junior, Senior

**UC Approved (g)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

Students in this course will experiment with both fiction and non-fiction writing in all manner of ways--poetry, prose, and perhaps some alternative mediums (think comic book and podcast). The course will focus on the generation and exploration of writing through trial and error, as well as discussion. A student in this course will have to tolerate, and perhaps live with, constructive criticism. Openness is a must.

**NON-UC ELA ELECTIVES**

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**CAHSEE PREP ENGLISH & MATH A - 470103**

**CAHSEE PREP ENGLISH & MATH B - 470104**

(Year) Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English **and** Single Subject in Mathematics (or Foundational-Level Mathematics); or Single Subject in English with Mathematics (or Foundational-Level Mathematics) Authorization; or Single Subject in Mathematics (or Foundational-Level Mathematics) with English Authorization

This yearlong elective that will serve as intervention course designed to focus on closing CAHSEE skill gaps in English and Math. Students will receive data driven instruction to address specific areas of deficiency.

**CAHSEE PREP- ENGLISH A - 230551**

**CAHSEE PREP- ENGLISH B - 230552**

(Year) Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

This course is designed to address students' different levels of English skills. Students will be assessed and provided with ways to meet their English skill-gaps and refresh their skills. Students requiring more rigorous remediation are quickly identified so teachers and administrators can direct their remediation resources to those students who need it most.

**COMMON CORE ENGLISH SUPPORT 9A - 172198**

**COMMON CORE ENGLISH SUPPORT 9B - 172199**

(Year) Freshman

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

Support class for student enrolled in English 9 CC (Grade 9 Common Core English)

**COMMON CORE ENGLISH SUPPORT 10A - 172200**

**COMMON CORE ENGLISH SUPPORT 10B - 172201**

(Year) Sophomore

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

Support class for student enrolled in English 10 CC (Grade 10 Common Core English) that engages students in the development of literacy skills through the Literacy Framework of questioning/inquiry, reading, writing, and speaking/listening every day.

**COMMON CORE ENGLISH SUPPORT 11A - 172202**

**COMMON CORE ENGLISH SUPPORT 11B - 172203**

(Year) Junior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

Support class for student enrolled in English 11 CC (Grade 11 Common Core English)

**SURVEY OF LITERATURE A – 221091**

**SURVEY OF LITERATURE B – 221092**

(Year) Freshman

**NOT UC APPROVED**

*Prerequisite: Lexile of 1120 or above*

**Credential Requirement:** Single Subject in English; or English Authorization

This is a course designed to excel 9th grade students who have scored 1120L or higher so they may sharpen their analytical skills and to structure their review of literature in preparation for Honors and challenging AP courses. The course includes analysis of various types of literature as well as the study of techniques involved in the writing of timed essays of analysis. Students are expected to read well and employ composition skills with a high level of competence before entering this course. Students will also fine tune grammar and writing skills. Students will write approximately one essay per week and reread and analyze eight to ten works of literary merit in the year. Essays should exceed 5 paragraphs. Students will complete independent and group projects related to literature.

**YEARBOOK A- 460203**

**YEARBOOK B- 460204**

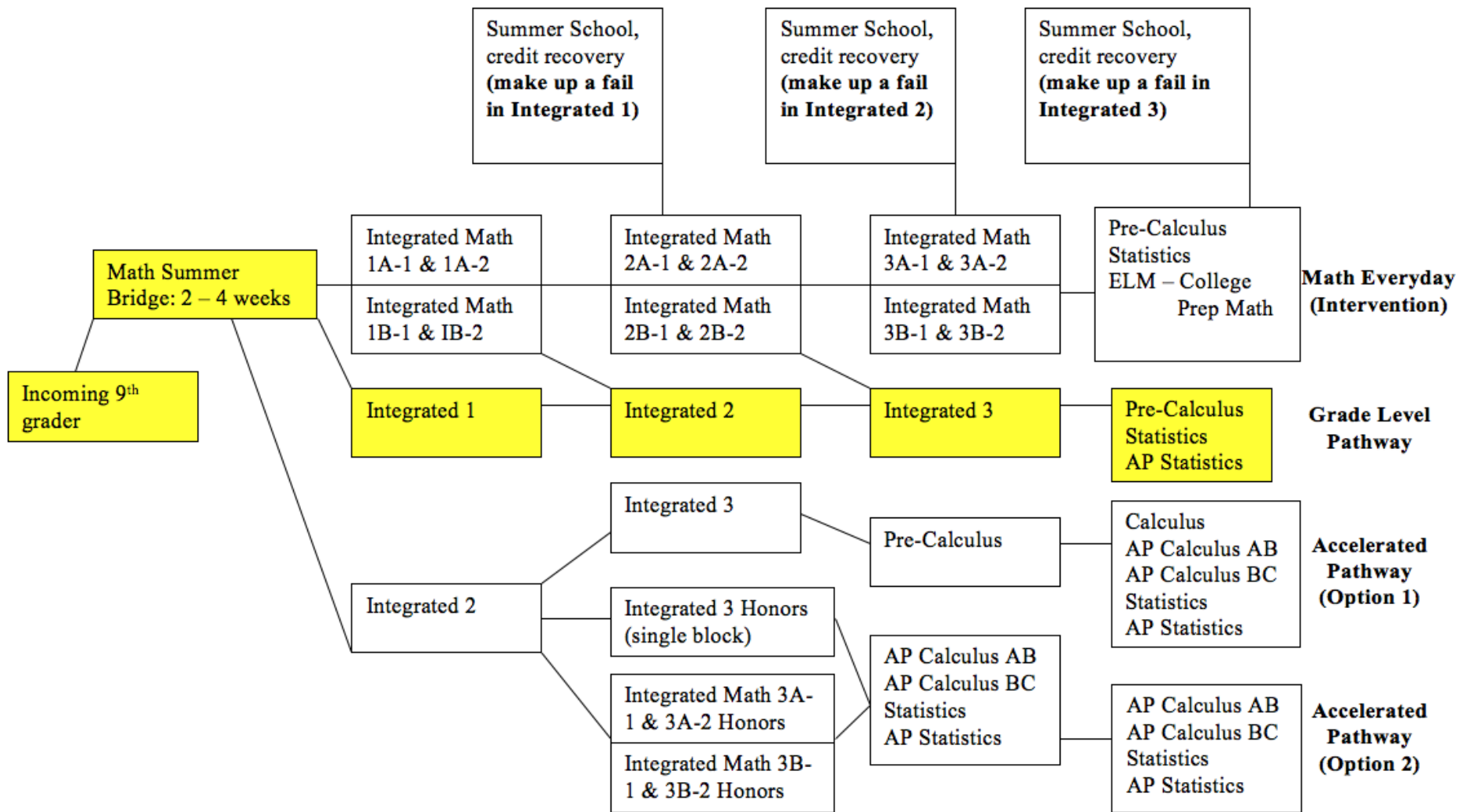
(Year) Juniors & Seniors

**NOT UC APPROVED**

**Credential Requirement:** Single Subject in English or English Authorization; or Single Subject in Art or Art Authorization

Students in this year long course are responsible for the design and publication of the High School Yearbook. Students should have a background or interest in one of the following areas: photography, desktop publishing, art/design or written language. Students must design a new or improved product that meets the need and review the success of this product. Students must produce quality work, work together in groups, must be able to handle deadline pressure and may need to spend additional time outside of the class working on the publication.

## High School Common Core Math Pathways



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# MATHEMATICS

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## **OVERVIEW**

Students are required to take a minimum of 3 years of math course work. Students are **highly encouraged** to take a math course all four years of high school to be college ready and begin college level math, as determined in their college math placement exam. The department offers honors and Advanced Placement courses in several content areas as well as a wide array of electives. Prerequisites for honors and AP courses are explained under specific course headings.

## **MATH COURSES**

Count under category “c” for the UC/CSU “A-G” college admissions requirements

**CC INTEGRATED MATH 1A - 324255**

**CC INTEGRATED MATH 1B - 324256**

(Year) Freshman

**UC Approved (c)**

**Prerequisite:** Successful completion of Common Core 8 or Honors Common Core Math 7 (accelerated course)

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

Integrated Math 1 is the first of a sequence of three courses from Integrated Math 1, 2, and 3. This course is a quarter course that is intended to be used for double blocking math for students needing more math instruction at a slower rate. The first half of the course focuses on functions, algebra, and the number system. It uses functions as models of real situations and spends most of the time on linear functions, linear equations, and linear inequalities. The second half of the course is focused on Geometry: defining and constructing geometric constructs, using rigid motions to develop proofs of congruence and other geometric properties, and using geometric shapes to model natural objects. The second half also includes Statistics: students summarize, represent, and interpret various types of data.

**CC INTEGRATED MATH 1A1 - 324251**

**CC INTEGRATED MATH 1A2 - 324252**

**CC INTEGRATED MATH 1B1 - 324253**

**CC INTEGRATED MATH 1B2 - 324254**

(Year) Freshman

**UC Approved (c)**

**Prerequisite:** Successful completion of Common Core 8 (Note: That the 1A1 & 1B1 sections will count towards core credit, while the 1A2 & 1B2 sections as elective credits)

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

Integrated Math 1 is the first of a sequence of three courses from Integrated Math 1, 2, and 3. This course is a quarter course that is intended to be used for double blocking math for students needing more math instruction at a slower rate. The first half of the course focuses on functions, algebra, and the number system. It uses functions as models of real situations and spends most of the time on linear functions, linear equations, and linear inequalities. The second half of the course is focused on Geometry: defining and constructing geometric constructs, using rigid motions to develop proofs of congruence and other geometric properties, and using geometric shapes to model natural objects. The second half also includes Statistics: students summarize, represent, and interpret various types of data.

**CC INTEGRATED MATH 2A - 324265**

**CC INTEGRATED MATH 2B - 324266**

(Year) Sophomore

**UC Approved (c)**

**Prerequisite:** Successful completion of Common Core Integrated Math 1

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

Integrated Math 2 is the second of a sequence of three courses: Integrated Math 1, 2, and 3. The first half of the course explores algebraic representations of geometric figures and quadratic functions and equations, including complex numbers. It uses quadratic functions as models of real situations and explores graphs, functions, and equations. The second half of the course focuses on similarity, exponential functions, probability, and geometric models.

**CC INTEGRATED MATH 2A1 - 324261**

**CC INTEGRATED MATH 2A2 - 324262**

**CC INTEGRATED MATH 2B1 - 324263**

**CC INTEGRATED MATH 2B2 - 324264**

(Year) Sophomore,

**UC Approved (c)**

**Prerequisite:** Successful completion of Common Core Integrated Math 1. (Note: That the 2A1 & 2B1 sections will count towards core credit, while the 2A2 & 2B2 sections as elective credits)

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

Integrated Math 2 is the second of a sequence of three courses: Integrated Math 1, 2, and 3. This course is a quarter course that is intended to be used for double blocking math for students needing more math instruction at a slower rate. The first half of the course explores algebraic representations of geometric figures and quadratic functions and equations, including complex numbers. It uses quadratic functions as models of real situations and explores graphs, functions, and equations. The second half of the course focuses on similarity, exponential functions, probability, and geometric models.

**CC INTEGRATED MATH 3A - 324275**

**CC INTEGRATED MATH 3B - 324276**

(Year) Junior

**UC Approved (c)**

**Prerequisite:** Successful completion of Common Core Integrated Math 2

**Credential Requirement:** Single Subject in Mathematics; or Mathematics Authorization

Integrated Math 3 is the third of a sequence of three courses, Integrated Math 1, 2, and 3. The first half of the course extends previous work with geometry to circular objects and trigonometry. It uses trigonometric functions as models of real situations and explores them as graphs, functions, and equations. The second half of the course focuses on volume, general principles about polynomials and rational expressions, functions, and making conclusions about a population from sample data.

**CC INTEGRATED MATH 3A1 - 324271**

**CC INTEGRATED MATH 3A2 - 324272**

**CC INTEGRATED MATH 3B1 - 324273**

**CC INTEGRATED MATH 3B2 - 324274**

(Year) Junior

**UC Approved (c)**

**Prerequisite:** Successful completion of Common Core Integrated Math 2. (Note: That the 3A1 & 3B1 sections will count towards core credit, while the 3A2 & 3B2 sections as elective credits)

**Credential Requirement:** Single Subject in Mathematics; or Mathematics Authorization

Integrated Math 3 is the third of a sequence of three courses, Integrated Math 1, 2, and 3. This course is a quarter course that is intended to be used for double blocking math for students needing more math instruction at a slower rate. The first half of the course extends previous work with geometry to circular objects and trigonometry. It uses trigonometric functions as models of real situations and explores them as graphs, functions, and equations. The second half of the course focuses on volume, general principles about polynomials and rational expressions, functions, and making conclusions about a population from sample data.

**CC INTEGRATED MATH 3 HONORS A - 324230**

**CC INTEGRATED MATH 3 HONORS B - 324231**

(Year) 10-11

**UC Approved (c)**

**Prerequisite:** IM1 and IM2

**Credential Requirement:** Single Subject in Mathematics; or Mathematics Authorization

Integrated Math 3-honors is the third of a sequence of three courses, Integrated Math 1, 2, and 3h. This course is a single blocked class (2hrs 2 days a week, with 1 hour 1 day a week) that is intended to be used for students looking for an accelerated pathway to Calculus. IM3-honors is a blend of IM3 and pre-calculus. The first half of the course extends previous work with geometry to circular objects and trigonometry. Framed by the unit circle, it uses trigonometric functions and their graphs as models of real situations to be used for mathematical modeling. Trigonometry of acute and obtuse angles will be explored to solve abstract and applied mathematical problems. The second half of the course focuses on volume, detailed analysis of polynomials and rational functions, inverse functions, and trigonometric equations. The semester continues with students making inferences and justifying their conclusions about a population from sample data while exploring important factors relevant to randomly sampled population data. The semester closes with an in-depth look into a variety of algebraic, logarithmic/exponential and trigonometric functions, their inverses, and the algebraic and graphical impacts of rigid and non-rigid transformations.

**CC INTEGRATED MATH 3A1 HONORS - 324293**

**CC INTEGRATED MATH 3A2 HONORS - 324294**

**CC INTEGRATED MATH 3B1 HONORS - 324295**

**CC INTEGRATED MATH 3B2 HONORS - 324296**

(Year) 10-12

**UC Approved (c)**

**Prerequisite:** IM1 and IM2

**Credential Requirement:** Single Subject in Mathematics; or Mathematics Authorization

Integrated Math 3-honors is the third of a sequence of three courses, Integrated Math 1, 2, and 3h. This course is a double blocked class that is intended to be used for students looking for an accelerated pathway to Calculus. IM3-honors is a blend of IM3 and pre-calculus. The first half of the course extends previous work with geometry to circular objects and trigonometry. Framed by the unit circle, it uses trigonometric functions and their graphs as models of real situations to be used for mathematical modeling. Trigonometry of acute and obtuse angles will be explored to solve abstract and applied mathematical problems. The second half of the course focuses on volume, detailed analysis of polynomials and rational functions, inverse functions, and trigonometric equations. The semester continues with students making inferences and justifying their conclusions about a population from sample data while exploring important factors relevant to randomly sampled population data. The semester closes with an in-depth look into a variety of algebraic, logarithmic/exponential and trigonometric functions, their inverses, and the algebraic and graphical impacts of rigid and non-rigid transformations.

**PRE-CALCULUS A- 310505**

**PRE-CALCULUS B- 310506**

(Year) Sophomore, Junior, Senior

**UC Approved (c)**

**Credential Requirement: First Semester - Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization/ Second Semester – Single Subject in Mathematics or Mathematics Authorization**

Pre-Calculus Non-Honors begins the year with an in-depth review of some of the topics of Algebra II such as: conic sections, exponential and logarithmic functions, sequences and series, statistics and probability, and matrices and determinants. Vectors, polar and parametric equations, and limits are also introduced. The second semester studies Trigonometry including triangle trigonometry, trigonometric graphs and identities, and trigonometric applications. This course is designed for those students who will be taking Calculus in college.

**CALCULUS A - 310703**

**CALCULUS B - 310704**

(Year) Sophomore, Junior, Senior

**UC Approved (c)**

**Credential Requirement:** Single Subject in Mathematics; or Mathematics Authorization

Calculus blends the concepts and skills that have been mastered in prerequisite mathematics courses. It includes limits; differentiation; maxima and minima, and the chain rule for polynomials, rational functions, trigonometric functions, and exponential functions. There is also an introduction of integration with applications to area and volumes of revolution, in addition to a further development of integration, inverse trigonometric and logarithmic functions, techniques of integrations, and applications which include work and pressure. Other topics covered are infinite series, power series, Taylor's formula, polar coordinates, parametric equations, introduction to differential equations, and numerical methods.



**AP CALCULUS AB –A - 310701**

**AP CALCULUS AB –B - 310702**

(Year) Junior, Senior

**UC Approved (c)**

**Prerequisite:** *Pre-Calculus Honors with a minimum of a “C” average.*

**Credential Requirement:** *Single Subject in Mathematics; or Mathematics Authorization*

This class is the beginning of calculus. Topics covered include functions, limits, continuity, and differentiation rules for elementary functions, trig functions, logarithmic and exponential functions. Applications of the derivative are covered extensively. An introduction to the definite integral and integration are also included.

**AP CALCULUS BC –A - 310705**

**AP CALCULUS BC –B - 310706**

(Year) Selected Senior

**UC Approved (c)**

**Prerequisite:** *AP Calculus AB with a C or better*

**Credential Requirement:** *Single Subject in Mathematics; or Mathematics Authorization*

This course is designed for students with a strong background in mathematics who want the challenge of a rigorous and fast-paced course in calculus. The content of the course is closely aligned to the College Board course description’s outline of topics. The course is equivalent to the first 2 courses (whether semester or quarters) of a college sequence Calculus course.

**STATISTICS A - 310607**

**STATISTICS B - 310608**

(Year) Sophomore, Junior, Senior

**UC Approved (c)**

**Prerequisite:** *Algebra 2, Algebra 2H or Integrated Math 3 with a rising C average.*

**Credential Requirement:** *Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization*

This non-AP course covers the basic principles of descriptive statistics, exploratory data analysis, design of experiments, sampling distributions and estimation, and fitting models to data. Statistical concepts are studied in order to understand related methods and their applications. Other topics include probability distributions, sampling techniques, binomial distributions, and experimental design. Applications involving games of chance, business, medicine, policy-making, the natural and social sciences, and sports will be explored. A graphing calculator (Texas Instruments TI 83+) is used extensively as a learning tool and is required for the course.

**AP - STATISTICS A - 310609**

**AP- STATISTICS B - 310610**

(Year) Seniors

**UC Approved (c)**

*Prerequisite:* Algebra 2 or Integrated Math 3 with a rising C average

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

The purpose of the AP Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This course draws connections between all aspects of the statistical process, including design, analysis, and conclusions. Additionally, using the vocabulary of statistics this course will teach students how to communicate statistical methods, results and interpretations. Students will learn how to use graphing calculators and read computer output in an effort to enhance the development of statistical understanding.

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**NON-UC MATH COURSES**

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**CAHSEE PREP ENGLISH & MATH A - 470103**

**CAHSEE PREP ENGLISH & MATH B - 470104**

(Year) Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite:* None

**Credential Requirement:** Single Subject in English **and** Single Subject in Mathematics (or Foundational-Level Mathematics); or Single Subject in English with Mathematics (or Foundational-Level Mathematics) Authorization; or Single Subject in Mathematics (or Foundational-Level Mathematics) with English Authorization.

This yearlong elective that will serve as intervention course designed to focus on closing CAHSEE skill gaps in English and Math. Students will receive data driven instruction to address specific areas of deficiency.

**CAHSEE PREP- MATH A - 310165**

**CAHSEE PREP- MATH B - 310166**

(Year) Sophomore

**NOT UC APPROVED**

*Prerequisite:* Students identified as having math proficiency gaps.

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

This yearlong math elective will be taken in addition to the Geometry yearlong course.

CAHSEE Prep-Math is an intervention course designed to focus on closing the California High School Exit Exam (CAHSEE) skill gaps. Students will be assessed and provided with ways to close their math skill-gaps and to refresh their skills.

**CC ENTRY LEVEL MATHEMATICS PREP A - 324286**

**CC ENTRY LEVEL MATHEMATICS PREP B - 324287**

(Year) Senior

**NOT UC APPROVED**

**Prerequisite:** Successful completion of Common Core Integrated Math 1,2 & 3

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

Course is designed to prepare students for the Entry Level Mathematics (ELM) placement test that the California State University system offers. Students deemed with "Conditional" or "Not Yet Demonstrating" statuses can benefit from this course. Ultimately, students who successfully pass the ELM exam will be eligible to register for a credit bearing collegiate math course at the CSU system.

**CC INTEGRATED MATH SUPPORT 1A - 324278**

**CC INTEGRATED MATH SUPPORT 1B - 324279**

(Year) Freshman

**NOT UC APPROVED**

**Prerequisite:** This course directly aligns to the Integrated Math 1 course. The first half of the course focuses on the needs of individual students based on the following: Functions, Algebra, and the Number System. It uses functions as models of real situations and spends most of the time on linear functions, linear equations, and linear inequalities. The second half of the course is focused on the needs of individual students based on Geometry: defining and constructing geometric constructs, using rigid motions to develop proofs of congruence and other geometric properties, using geometric shapes to model natural objects. The second half also includes Statistics: students summarize, represent, and interpret various types of data.

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization

Integrated Math 1 Support will be utilized as a support class for students enrolled in Integrated Math 1. This course directly aligns to the Integrated Math 1 course. The first half of the course focuses on the needs of individual students based on the following: Functions, Algebra, and the Number System. It uses functions as models of real situations and spends most of the time on linear functions, linear equations, and linear inequalities. The second half of the course is focused on the needs of individual students based on Geometry: defining and constructing geometric constructs, using rigid motions to develop proofs of congruence and other geometric properties, using geometric shapes to model natural objects. The second half also includes Statistics: students summarize, represent, and interpret various types of data.

**CC INTEGRATED MATH SUPPORT 2A - 324280**

**CC INTEGRATED MATH SUPPORT 2B - 324281**

(Year) Freshman

**NOT UC APPROVED**

**Prerequisite:** *Successful completion of Integrated Math 1 or Equivalent*

**Credential Requirement:** *Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematics Authorization*

This yearlong math elective will be taken in conjunction with to the Integrated 2 Math course. Integrated Math Support is an intervention course, which provides an individualized curriculum for each student, to close the identified skill gaps (i.e. pre-requisite skills and misconceptions of whole numbers and quantities, complex number systems, arithmetic with polynomials and rational expressions fractions, integers, geometric functions). Students will be exposed to a variety of topics in Integrated Math Support so that they will develop a frame of reference and background knowledge for the class. Once skill gaps are almost closed, these students will receive targeted practice on essential academic content.

**CC INTEGRATED MATH SUPPORT 3A - 324282**

**CC INTEGRATED MATH SUPPORT 3B - 324283**

(Year) Freshman, Sophomore, Junior

**NOT UC APPROVED**

**Prerequisite:** *Concurrent enrollment in Integrated Math Integrated Math III*

**Credential Requirement:** *Single Subject in Mathematics; or Mathematics Authorization*

Support class for students enrolled in Integrated Math III.

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## HISTORY/SOCIAL SCIENCE

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### OVERVIEW

Students are required to take 3 years of course work in the Social Studies department: World History (sophomore year), United States History (junior year), and one semester each of Government and Economics (senior year). The department offers honors and Advanced Placement courses in several content areas as well as a wide array of electives. Prerequisites for honors and AP courses are explained under specific course headings.

### HISTORY/SOCIAL SCIENCE COURSES

Count under category “a” for the UC/CSU “A-G” college admissions requirements

#### WORLD HISTORY A -370127

#### WORLD HISTORY B - 370128

(Year) Sophomore

#### UC Approved (a)

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

Students study major turning points that shaped the modern world, from the late 18<sup>th</sup> century through the present. Students trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues. Students will develop an understanding of current world issues and relate them to historical, geographic, political, economic, and cultural contexts. Assignments focus on historical methods and critical thinking skills by analyzing a variety of primary resource documents, visuals, artifacts, and maps.

#### WORLD HISTORY HONORS A -370131

#### WORLD HISTORY HONORS B - 370132

(Year) Sophomore

#### UC Approved (a)

**Prerequisite:** “B” or better in all previous Honors or College Prep English courses; cumulative GPA of 3.0.

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

Students study major turning points that shaped the modern world, from the late 18<sup>th</sup> century through the present. Students trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues. Students will develop an understanding of current world issues and relate them to historical, geographic, political, economic, and cultural contexts. Assignments focus on historical methods and critical thinking skills by analyzing a variety of primary resource documents, visuals, artifacts, and maps. This honors level course will address topics with greater depth and rigor.

**AP EUROPEAN HISTORY - A - 370301**

**AP EUROPEAN HISTORY - B - 370102**

(Year) Sophomore

**UC Approved (a)**

*Prerequisite: None*

**Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

European History Advanced Placement prepares academically-accelerated college-bound students for the College Board's AP national exam. This course is equivalent to a college level introductory course in European history, with an emphasis on the general narrative of European history from 1450. Students should be prepared for a rigorous course requiring approximately 30 pages of weekly college level reading assignments. Students are expected to evaluate historical materials, use and analyze primary sources, and writing examinations. This course fulfills the district World history requirement.

**AP WORLD HISTORY A - 370133**

**AP WORLD HISTORY B - 370134**

(Year) Sophomore

**UC Approved (a)**

*Prerequisite: None*

**Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

AP World History is the equivalent of a college-level survey course in world history. This World History course provides a way to understand history and a foundation from which to view the complexities of today's world. Its emphasis is on encounters and interactions. The long-term objective is for students to demonstrate an understanding of how the big picture of world history assists in understanding the complexities of today's world. Students, who complete this course and perform successfully on the Advanced Placement Exam in May, have the ability to earn college credit from a participating college or university.

**UNITED STATES HISTORY A - 370129**

**UNITED STATES HISTORY B - 370130**

(Year) Junior

**UC Approved (a)**

**Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

This course traces the development of the United States from the Spanish American War to the present. Students will review the significant factors responsible for the emergence of the United States as a major world leader.

**UNITED STATES HISTORY HONORS A - 370109**

**UNITED STATES HISTORY HONORS B - 370110**

(Year) Junior

**UC Approved (a)**

*Prerequisite: "B" or better in all previous Honors or College Prep English courses; cumulative GPA of 3.0.*

**Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

This course is designed to increase student understanding of the American people through the study of social, historical, and cultural events. The course includes a short review of U.S. History up to 1890 followed by a focus on turn of the century to the present day.

## **AP UNITED STATES HISTORY A - 370111**

## **AP UNITED STATES HISTORY B - 370112**

(Year) Junior

### **UC Approved (a)**

**Prerequisite:** *A minimum of a “B” in World History and a “B” in 1<sup>st</sup> semester Sophomore English.*

**Credential Requirement:** *Single Subject in Social Science; or Social Science Authorization*

AP U.S. History prepares the academically-accelerated college-bound student for the College Board’s AP national exam. AP U.S. History engages students in a detailed study of American history from our earliest origins to the present day. Emphasis is placed on understanding themes, cause/effect relationships and broad examinations of social, political, cultural and economic issues that have shaped our nation. AP U.S. History is an advanced college level course, which emphasizes research, writing, and discussion. Students will be expected to keep up with a rigorous reading schedule that averages 50+ pages per week.

## **UNITED STATES GOVERNMENT - 370670**

(Semester) Senior

### **UC Approved (a)**

**Credential Requirement:** *Single Subject in Social Science; or Social Science Authorization*

This course is a survey of the government with an emphasis on the National level, including elements of State and local government as well. Students study the U.S. Constitution and examine American political, social, economic and legal systems. The economic and political systems of the major countries of the world are compared and contrasted with those of the U.S.

## **HONORS UNITED STATES GOVERNMENT**

**371002**

(Semester) Senior

### **UC Approved (a)**

**Credential Requirement:** *Single Subject in Social Science; or Social Science Authorization*

This course is a survey of the government with an emphasis on the National level, including elements of State and local government as well. Students study the U.S. Constitution and examine American political, social, economic and legal systems. The economic and political systems of the major countries of the world are compared and contrasted with those of the U.S. This honors level course will address topics with greater depth and rigor.

## **AP GOVERNMENT/POLITICS U.S. - 370605**

(Semester) Senior

### **UC Approved (a)**

**Prerequisite:** *Minimum of “B” in 1<sup>st</sup> semester AP or Honors US History; minimum of “B” in 1<sup>st</sup> semester Junior AP English.*

**Credential Requirement:** *Single Subject in Social Science; or Social Science Authorization*

This is an accelerated college-level course focusing on the United States Government. Students will undergo a thorough examination of The Constitution, fundamental rights, political system and major governmental institutions. Students will engage in critical analysis of contemporary political events and will be encouraged to begin to develop their own involvement in both social and political institutions. The course prepares students for the May Advanced Placement American Government Exam.

## SOCIAL SCIENCE ELECTIVES

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### **AFRICAN AMERICAN STUDIES A - 240107**

### **AFRICAN AMERICAN STUDIES B - 240108**

(Year) Junior, Senior

**UC Approved (g)**

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This course presents an overview of the Black experience in the United States from the African background to today. Students become familiar with some of the contributions of Black Americans to a pluralistic American society. The class also studies such topics as the fight against bondage, the role of Blacks in the building of the nation, and the civil rights movement.

### **AP MICROECONOMICS - 370906**

(Semester) Senior

**UC Approved (g)**

**Prerequisite:** Minimum of "B" in 1st semester AP or Honors US History; minimum of "B" in 1st semester Junior AP English.

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

Advanced Placement Microeconomics emphasizes how individuals make choices with limited resources. Students will examine concepts such as supply and demand, factors of production, roles of labor and management, the relationship between the environment and the economy, and the impact of the government on individual decision-making processes. Students study the stock market as an investment option and trace various stocks throughout the semester using the Wall Street Journal and the internet as resources. Students, who complete this course and perform successfully on the Advanced Placement Exam in May, have the ability to earn college credit from a participating college or university.

### **AP MACROECONOMICS - 370907**

(Semester) Senior

**UC Approved (g)**

**Prerequisite:** Minimum of "B" in 1st semester AP or Honors US History; minimum of "B" in 1st semester Junior AP English.

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

AP Macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places emphasis on the study of national income and price-level determination. The course develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will be required to complete a wide range of readings, analyze graphical and statistical information, and take and outline detailed notes. The course will have an intense workload, reading schedule, and the material far exceeds that covered in a regular economics classroom. Students, who complete this course and perform successfully on the Advanced Placement Exam in May, have the ability to earn college credit from a participating college or university.



**CRIMINAL JUSTICE A - 370805****CRIMINAL JUSTICE B - 370806**

(Year) Junior, Senior

**UC Approved (g)**

*Prerequisites: English 9, English 10*

**Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

This class examines the criminal justice system in the United States. It focuses on three basic areas: police, courts, and corrections. Students will look at the juvenile justice system as it relates to Los Angeles. Through discussions, simulations, and projects, we will explore how people, especially young people, end up in the "system," and how everything from family to jobs promote or take away from our ability to live successful lives. As a class, students will then make suggestions as to what they can do so that they are less drawn to crime, and how they can help reform those who desperately need a new vision for life.

**ECONOMICS - 370905**

(Semester) Senior

**UC Approved (g)****Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

Students study fundamental economic concepts such as scarcity, opportunity costs and trade-offs, productivity, economic systems, economic institutions and incentives. The course will also include such microeconomics concepts as market and prices, supply and demand, competition and market structure, income distribution and the role of government. Macroeconomics concepts include international trade, unemployment, inflation and deflation, and fiscal and monetary policy.

**LATIN AMERICAN STUDIES - A 370713****LATIN AMERICAN STUDIES - B 370714**

(Year) Senior

**NOT UC APPROVED****Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

This course, offered in English, is an interdisciplinary introduction to the peoples and cultures of Latin America. Students will explore the social and cultural contexts of Latin America through representative works of literature, contemporary and historical themes, major religions, social structures, gender roles, and politics.

**PHILOSOPHICAL TRADITIONS & DAILY MORAL ISSUES - A 370412**

(Semester) Sophomores, Juniors

**UC Approved (g)****Credential Requirement: Single Subject in Social Science; or Social Science Authorization**

Against the backdrop of ethical writings from the 5<sup>th</sup> century BC to philosophers of today, students will examine moral issues of everyday life, ask questions about character and conduct, and study various reactions to living and relating. Major ethical theories will be multicultural in scope. The class will look at a range of right actions in response to issues of integrity, respect for others, sexual morality, relationships, honesty, criticism, and more. The goal of the course is to sharpen the ideas we employ as tools when coping responsibly and morally to conflicts we encounter in our daily lives.

**RELIGIOUS STUDIES A - 371005****RELIGIOUS STUDIES B - 371006**

(Year) Junior, Senior

**UC Approved (g)**

**Prerequisites:** English 9 & English 10

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This course focuses largely on ethics and the social sciences as they relate to religion, primarily on theological and philosophical explorations of morality, as well as the sociology, psychology, and anthropology of religion. Each major religious tradition will be explored first in terms of its place in history, and then from a perspective incorporating the aforementioned disciplines. Finally, students will assess the nature of religion in general, the issues faced by absolutist traditions in an increasingly diverse world, and the cognitive dissonance brought on by humankind's modern focus on reason and science. Each unit will incorporate elements of diversity training, multicultural awareness, and perspective-taking.

**PSYCHOLOGY A- 370419****PSYCHOLOGY B- 370420**

(Year) Junior, Senior

**UC Approved (g)**

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This course will introduce high school students interested in Physiological Science, Neuroscience, and Psychology to introductory neuroanatomy, the physiology of sensation, motor movement. The course continues with how the brain regulates behavior, including how learning and memory function in neurological systems.

**HONORS PSYCHOLOGY A - 370421****HONORS PSYCHOLOGY B - 370422**

(Year) Junior, Senior

**UC Approved (g)**

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This course will introduce students to neuroanatomy, physiology of sensation, and motor movement. This honors class will teach student the physiology of emotion, behavior, learning & memory and social psychology. In addition to introducing students to the scientific study of the active parts of the human mind and consciousness, students will learn experimental design theory, statistics, and conduct and analyze experiments.

**AP PSYCHOLOGY A- 370417****AP PSYCHOLOGY B- 370418**

(Year) Junior, Senior

**UC Approved (g)**

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

AP Psychology is designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principals, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

## **SOCIAL ISSUES - 370411**

(Semester) Sophomore, Junior, Senior

**UC Approved (g)**

**Prerequisites:** None

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This class examines the issues that affect many or all members of society and are considered to be problems, controversies related to moral values, or both. Students will look at issues that may include gang violence, teen pregnancy, pollution, homelessness, poverty, abortion, war, discrimination, and education. Students will learn about things that effect young people in Los Angeles as well as issues that are national and international. Students will not only learn about these issues; they will work to provide suggestions and solutions as to how these social issues might be worked on by society.

## **SOCIOLOGY A - 370405**

## **SOCIOLOGY B - 370406**

(Year) Junior, Senior

**UC Approved (g)**

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This course provides the opportunity for the scientific study of human society. It is concerned with the behavior of human beings in group situations. The study attempts to bring about an understanding of the basic units and institutions of social life and the social relationships which humans develop in their interactions with one another.

## **WOMENS STUDIES A - 370310**

## **WOMENS STUDIES B - 370311**

(Year) Junior, Senior

**UC Approved (g)**

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This course examines U.S. history from the colonial era to the present using the history of women and gender as the primary analysis. The class lectures, multimedia presentations, and readings emphasize U.S. women's history (incorporating factors of race, class, region, ethnicity, and age). The class will explore the diverse ways in which women have lived, worked and contributed to the history of the US. While we will be looking at some of the "great women" of American history, the course will focus more on the aspects of the general experiences of women and their political, social, cultural and familial relationships.

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## SCIENCE

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### OVERVIEW

The Science Department offers a wide variety and level of courses in the areas of life and physical science. Although only two years of science are required for high school graduation (1 year life science & 1 year physical science), many colleges recommend 3 or more years of laboratory science. The science courses are designed to challenge the students at various levels and to engage the students in the scientific process such as making accurate and precise observations, developing hypotheses, designing experiments, gathering and analyzing data, and determining the implications of the results. Students are encouraged to explore all the basic laboratory science courses before specializing in specific Advanced Placement courses.

### SCIENCE COURSES

**Count under category “d” for the UC/CSU “A-G” college admissions requirements, unless otherwise stated. Note that students must take 1 year of Biological Sciences and 1 year of Physical Sciences (Chemistry/Physics).**

### BIOLOGICAL SCIENCES

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#### ANATOMY AND PHYSIOLOGY A - [361005](#)

#### ANATOMY AND PHYSIOLOGY B - [361006](#)

(Year) Sophomore, Junior, Senior

#### UC Approved (d)

*Prerequisite: Biology*

**Credential Requirement:** Single Subject in Biological Science; or Biological Science Authorization

Anatomy and Physiology is a rigorous second year Biology course for students interested in biology, medicine and its related professions. Students will be introduced to many lab exercises that will help them to understand both the human body and the importance of correct laboratory procedures.

The major concepts of Anatomy and Physiology include homeostasis, energy, and growth and development. These three thematic units will be used as an outline to investigate the 11 human body systems as sub-units.

#### ANATOMY AND PHYSIOLOGY HONORS A - [361007](#)

#### ANATOMY AND PHYSIOLOGY HONORS B - [361008](#)

(Year) Sophomore, Junior, Senior

#### UC Approved (d)

*Prerequisite: Biology*

**Credential Requirement:** Single Subject in Biological Science; or Biological Science Authorization

Anatomy and Physiology Honors is a rigorous second year Biology lab course, for students wishing to pursue a faster and more in-depth study of topics covered in Anatomy and Physiology. This course is ideal for students interested in medicine and its related professions.

**BIOLOGY A - 360701****BIOLOGY B - 360702**

(Year) Freshman, Sophomore

**UC Approved (d)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Biological Science; or Biological Science Authorization

Biology will fulfill both the laboratory science requirement for colleges and high school graduation requirement. The course will cover topics such as DNA, evolution, photosynthesis, cellular respiration, energy and reproduction. Students are expected to develop scientific thinking; a reasoned approach to problem solving and an understanding of the role biology plays in daily lives.

**BIOLOGY HONORS A - 360705****BIOLOGY HONORS B - 360706**

(Year) Freshman, Sophomore

**UC Approved (d)**

*Prerequisite: Freshman standing; completion of Algebra I; concurrent or prior enrollment in Geometry or Honors Geometry*

*HONORS BIOLOGY A/B CONTINUED:*

**Credential Requirement:** Single Subject in Biological Science; or Biological Science Authorization

Honors Biology is an in-depth and fast paced approach to biology. Topics to be covered include molecular and cell biology, introductory biochemistry, genetics- individual and population, continuity and diversity of life, survey of the six kingdoms, body systems, and ecological interactions. The topics and depth of coverage will offer a rigorous and challenging introductory life science course for the student who possesses advanced math and reading skills.

**AP BIOLOGY A - 360707****AP BIOLOGY B- 360708**

(Year) Junior, Senior

**UC Approved (d)**

*Prerequisite: Completion of Biology with a minimum of a "B" in both semesters; Completion of Chemistry highly recommended.*

**Credential Requirement:** Single Subject in Biological Science; or Biological Science Authorization

AP Biology is designed to be equivalent to a first year college-level general biology course. Students will study materials presented in a rigorous, biochemical oriented introductory college biology course. Required laboratory experiments are part of the course. Students are expected to be independent learners and to devote extensive studying beyond the basic concepts. Details of molecules, Chemistry, cells, genetics, evolution, organisms and populations are included in this course. Students will be prepared to take the Advanced Placement Biology exam in May.

## PHYSICAL SCIENCES

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### CHEMISTRY A - 361401

### CHEMISTRY B - 361402

(Year) Sophomore, Junior

#### UC Approved (d)

*Prerequisite:* Completion of Algebra 1 with “C” or higher in both semesters (“B” or higher is recommended)

**Credential Requirement:** Single Subject in Chemistry; or Chemistry Authorization

Chemistry will fulfill both the laboratory science requirement for colleges and the high school graduation requirement. The class will cover topics such as atomic structure, nomenclature, bond formation, chemical reactions, gases, reaction rates, thermodynamics and stoichiometric calculations. Students are expected to have a firm foundation in basic algebraic and problem solving skills.

### CHEMISTRY HONORS (H) A - 361405

### CHEMISTRY HONORS (H) B - 361406

(Year) Sophomore, Junior

#### UC Approved (d)

*Prerequisite:* Completion of Geometry Honors with “B” or higher (both semesters) OR completion of Geometry with “A” (both semesters)

**Credential Requirement:** Single Subject in Chemistry; or Chemistry Authorization

Honors Chemistry is designed for students wishing to pursue a faster and more in-depth study of topics covered in Chemistry. It is ideal for students who plan to take AP science courses, including AP Chemistry. Students are expected to have a strong background in analytical problem solving and critical thinking skills.

### AP CHEMISTRY A - 361403

### AP CHEMISTRY B - 361404

(Year) Junior, Senior

#### UC Approved (d)

*Completion of biology and recommendation of teacher; Completion of Chemistry with a “B” or higher; Placement subject to review by the Science Department and Administration.*

**Credential Requirement:** Single Subject in Chemistry; or Chemistry Authorization

This is the equivalent of a first year college course in chemistry and is designed to prepare students for the Advanced Placement Chemistry test. It includes all the material covered in chemistry but at a greater depth. Specific emphasis is placed on problem solving using mathematics. Students taking this course should be prepared for extensive reading, problem solving, and study assignments. This class meets the physical science graduation requirement, and the laboratory science requirement for universities.

**INTRODUCTION TO PHYSICS A - 361503****INTRODUCTION TO PHYSICS B - 361504**

(Year) Freshmen

**UC Approved (d)**

**Corequisite:** *Integrated Mathematics 1*

**Credential Requirement:** *Single Subject in Physics; or Physics Authorization*

In this lab-based course, students will explore motion, kinematics, dynamics, momentum, energy, and electricity and magnetism. Through the investigation of real-world applications, students develop their skills in experimental design, logical analysis, and critical thinking. They will investigate how and why objects move, discover the nature of charge, and examine how the power of electricity can be harnessed. Topics will be investigated from both a qualitative and a quantitative perspective, and mathematics will be integrated throughout the course. Students will use technology to augment instruction, and laboratory investigations will be integrated into course studies. Additionally, engineering and design will be integrated into laboratory and classroom activities.

**PHYSICS A - 361501****PHYSICS B - 361502**

(Year) 9-12

**UC Approved (d)**

**Prerequisite:** *Completion of both semesters of Geometry with a "B" or higher in each semester OR completion of both semesters of a more advanced math course with a "C" or higher in each semester.*

**Credential Requirement:** *Single Subject in Physics; or Physics Authorization*

Students investigate the following topics: energy, forces, motion and matter at a college preparatory level of analysis. Laboratory activities are designed to lead to discovery and appreciation of concepts in these areas.

**PHYSICS HONORS A - 361509****PHYSICS HONORS B - 361510**

(Year) 9-12

**UC Approved (d)**

**Prerequisite:** *Completion of both semesters of Geometry with a "B" or higher in each semester OR completion of both semesters of a more advanced math course with a "C" or higher in each semester*

**Credential Requirement:** *Single Subject in Physics; or Physics Authorization*

Honors Physics is an analytical study of the interactions in the physical world around us. Students will study motion, forces, energy, momentum, sound, light, electricity, magnetism, special relativity and quantum physics, as outlined in the California content standards. Emphasis will be placed on inquiry methods of instruction as explored through labs.

**AP PHYSICS 1A - 361507****AP PHYSICS 1B - 361508**

(Year) 11-12

**UC Approved (d)**

*Prerequisite: Integrated Math II (Prerequisite)*

*Integrated Math III (Corequisite)*

**Credential Requirement: Single Subject in Physics; or Physics Authorization**

AP Physics 1 is structured around the “big ideas” of physics, which encompass core scientific principles, theories, and processes of the discipline. The framework encourages instruction that allows students to make connections across domains through a broader way of thinking about the physical world. Big ideas cut across the traditional physics principles and are supported with enduring understandings, which incorporate the core concepts that students should retain from their learning experiences. Students will cultivate their understanding of physics and science practices as they explore the following topics: kinematics, dynamics, circular motion and universal gravitation, simple harmonic motion, linear momentum, energy and conservation of energy, rotational motion, mechanical waves, electrostatics, and DC circuitry. Laboratory work is a key component of the course, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply all seven science practices defined in the curriculum framework.

**INTERDISCIPLINARY**

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**ENVIRONMENTAL SCIENCE - A 360510****ENVIRONMENTAL SCIENCE - B 360511**

(Year) 9-12

**UC Approved (d)****Credential Requirement: Single Subject in Biological Science; or Biological Science Authorization**

The goal of environmental science is to provide students with concepts, scientific principles, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems of 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.

**AP ENVIRONMENTAL SCIENCE A - 360507****AP ENVIRONMENTAL SCIENCE B - 360508**

(Year) 10-12

**UC Approved (d)**

*Prerequisite: Biology, Chemistry, Teacher recommendation AND completion of Pre-Calculus with a “B” or higher.*

**Credential Requirement: Single Subject in Biological Science; or Biological Science Authorization**

This is the equivalent of a first year college course in environmental science and is designed to prepare the students for the Advanced Placement Environmental Science test. Students will cover the following topics: ecological principles, geological principles, renewable and non-renewable resources, environmental quality (air, water, & soil pollution), human population dynamics, global changes and their consequences and interdependence of earth’s system (e.g. cycling of matter, biosphere, solid earth, atmosphere, etc.)



**STEM: APPLIED SCIENCE AND  
ENGINEERING A - 360513**  
**STEM: APPLIED SCIENCE AND  
ENGINEERING B - 360514**

(Year) Senior

**UC Approved (d)**

**Prerequisite:** Completion of Algebra 2 with a “C” or higher; concurrently enrolled in Geometry OR completed Geometry with a “C” or higher.

**Credential Requirement:** ANY Single Subject in a major Science (Biological Science, Chemistry, Geosciences, Physics); or Authorization in a Major Science: Biological Science, Chemistry, Geosciences, Physics. The Single Subject or Authorization in a Major Science CANNOT BE NOT Specialized

This project-based course focuses on the integration of science, technology, engineering, and mathematics (STEM) to solve real-world problems. Students will engage in critical thinking, problem solving, and creativity to research, design, and evaluate solutions for open-ended problems that real engineers face in the local and global community. Students will create devices, simulations, and scientific experiments that require the application of engineering design skills as well as math and science knowledge.

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**NON-LABORATORY (D) SCIENCE**

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**MEDICAL SCIENCE 9 - A 361103**

**MEDICAL SCIENCE 9 - B 361104**

(Year) Freshmen

**UC Approved (g)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Biological Science; or Biological Science Authorization.

This is an introductory course exploring each of the ten human body systems. In addition, the course covers: Medical Terminology, Mental Health, Health Care Careers, and Public Health. This course is the first of a four-year course sequence and will support students’ transition into health care related college majors & careers. This course contains curriculum critical to matriculation as well as service in a work-based learning program.

**STEM 9: APPLIED SCIENCE AND  
ENGINEERING A - 362698**

**STEM 9: APPLIED SCIENCE AND  
ENGINEERING B - 362699**

(Year) Freshman

**UC Approved (g)**

**Prerequisite:** Algebra I- Recommended Biology, Algebra I, English 9 - Co-requisites

**Credential Requirement:** ANY Single Subject in a major Science (Biological Science, Chemistry, Geosciences, Physics) or Authorization in a Major Science: Biological Science, Chemistry, Geosciences, Physics. The Single Subject or Authorization in a Major Science CANNOT BE NOT Specialized.

This is an introductory course. Students take on the role of engineers and apply the engineering design process to define and solve problems by inventing and improving products, processes, and systems. They begin to understand the relationships among STEM concepts and practices. Students develop an understanding of how advances in technology affect human society and how human society determines which new technologies will be developed.

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## WORLD LANGUAGES

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### LOTE Courses

Count under category “e” for the UC/CSU “A-G” college admissions requirements. Students must take a minimum of 2 years of the same foreign language.

#### **FRENCH 1 A - 253511**

#### **FRENCH 1 B - 253512**

(Year) Freshman, Sophomore, Junior, Senior

**UC Approved (e)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Foreign Language: French; or Foreign Language: French Authorization

French 1 introduces students to French through a communication-based approach. Students will learn the basics of the language as well as the culture throughout the French-speaking world as they accomplish meaningful tasks involving high-frequency everyday topics needed to communicate in the classroom and the real world. The beauty and influence of the French language and culture reinforce skills in other areas of the curriculum.

#### **FRENCH 2 A - 253513**

#### **FRENCH 2 B - 253514**

(Year) Sophomore, Junior, Senior

**UC Approved (e)**

*Prerequisite: French 1 with a minimum of a “C” average.*

**Credential Requirement:** Single Subject in Foreign Language: French; or Foreign Language: French Authorization

The basic skills initiated in French 1 are further developed in French 2, with additional emphasis placed on reading, writing and vocabulary building. Students will cover the previously learned structure concepts in more detail and depth, while oral comprehension and conversation continue to play a dominant role. Communication and real-life situations presented are based in the French culture.

#### **FRENCH 3 A - 253515**

#### **FRENCH 3 B - 253516**

(Year) Junior, Senior

**UC Approved (e)**

*Prerequisite: French 2 with a minimum of a “C” average.*

**Credential Requirement:** Single Subject in Foreign Language: French; or Foreign Language: French Authorization

French 3 emphasizes more advanced language structures than do the previous courses. Reading, writing, speaking, and listening skills are further developed through more specialized work with real life conversational situations and authentic French material and literature. The French speaking world and its cultures are studied in this communication-based course.

**FRENCH 4 A - 253517**

**FRENCH 4 B - 253518**

(Year) Senior

**UC Approved (e)**

*Prerequisite:* French 3 with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: French; or Foreign Language: French Authorization

Students will increase their understanding and use of French in both written and spoken form in this communication based Honors course, which expands the study of the French-speaking world and its culture. Students will continue to develop, in much greater depth, the language skills studied in previous French courses, with emphasis placed on the speaking of French and the study of authentic literature read in original versions.

**FRENCH 2 HONORS A - 281727**

**FRENCH 2 HONORS B - 281728**

(Year) Sophomore, Junior, Senior

**UC Approved (e)**

*Prerequisite:* French 2 with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: French; or Foreign Language: French Authorization

This course is designed to empower students to learn to speak, read, write and comprehend French in a culturally authentic manner. Designed to support the National Foreign Language Standards, French 2 is a comprehensive course integrating content, varied methodology and interactive activities. As a standards-based instructional and learning course, French 2 continues to develop a student’s language skills by incorporating and integrating a text, practice workbooks, an audio program, a video program, communicative activities and culture.

**FRENCH 3 HONORS A - 281729**

**FRENCH 3 HONORS B - 281730**

(Year) Sophomore, Junior, Senior

**UC Approved (e)**

*Prerequisite:* French 2 Honors with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: French; or Foreign Language: French Authorization

French III honors program is designed for the highly motivated students who have successfully completed levels I and II of the Honors/AP track and are interested in broadening, refining, and perfecting their proficiency in the French language. Honors French III is the last of three preliminary sequences leading to the AP coursework.

**AP FRENCH LANGUAGE & CULTURE A - 253523**

**AP FRENCH LANGUAGE & CULTURE B - 253524**

(Year) Senior

**UC Approved (e)**

**Prerequisite:** French 3 with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: French; or Foreign Language: French Authorization

Advanced Placement French 4 is designed for students to further develop oral and written language skills covered in preceding years. It is the equivalent of a third-year college course in French composition and grammar, with emphasis on both formal and conversational situations. The study of French literature and culture is stressed. Students enrolling in Advanced Placement French Language should have attained reasonable proficiency in listening comprehension, speaking, reading and writing. Since they must speak the foreign language as part of the AP exam, students must be willing to actively speak French and participate in a communicative classroom situation.

**ITALIAN 1 A - 252298**

**ITALIAN 1 B - 252299**

(Year) Freshman

**UC Approved (e)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Foreign Language: Italian; or Foreign Language: Italian Authorization

Students will be introduced to the basic language and culture of Italy. Language and culture are acquired through meaningful communicative activities centered on real life situations involving everyday common topics. Students develop linguistic proficiency as they perform relevant tasks in the new language.

**ITALIAN HONORS 1A - 252301**

**ITALIAN HONORS 1A - 252302**

(Year) 9-10

**UC Approved (e)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Foreign Language: Italian; or Foreign Language: Italian Authorization

Students will be introduced to the basic language and culture of Italy. Language and culture are acquired through meaningful communicative activities centered on real life situations involving everyday common topics. Students develop linguistic proficiency as they perform relevant tasks in the new language. The emphasis of the course will be on the development of listening, speaking, reading, and writing skills in Italian. This will be done at a more rigorous pace than the Grade Level Italian 1 course. In addition, students will learn about the geography, economy and history of Italy in order to put the language into context and become well-rounded learners of the Italian language.

**ITALIAN 2A - 252303****ITALIAN 2B - 252304**

(Year) Sophomore

**UC Approved (e)**

**Prerequisite:** Successful completion of Italian 1 (passing with a "C" grade or higher)

**Credential Requirement:** Single Subject in Foreign Language: Italian; or Foreign Language: Italian Authorization

The main goal of Italian 2 is to deepen students' understanding of Italian language and culture. The emphasis of the course will be on advancing the development of listening, speaking, reading, and writing skills in Italian. Students advance their knowledge of the basic language and culture of Italy acquired in Italian 1, and language and culture are acquired through meaningful communicative activities centered on real life situations involving everyday common topics. Students develop linguistic proficiency as they perform relevant tasks in the target language. Students will review the material learned in Italian 1 at the beginning of the year and then will go on to learn the past tenses of verbs (e.g., simple past, past perfect, pluperfect), as well as the conditional, imperative and subjunctive tenses, in addition to other grammatical concepts (e.g., direct and indirect object pronouns) and vocabulary. In addition, students will deepen their learning of the culture, geography, economy and history of Italy in order to put the language into context and become well-rounded learners of the Italian language.

**ITALIAN HONORS 2A - 252305****ITALIAN HONORS 2B - 252306**

(Year) Sophomore

**UC Approved (e)**

**Prerequisite:** Successful completion of Italian 1 (passing with a "C" grade or higher)

**Credential Requirement:** Single Subject in Foreign Language: Italian; or Foreign Language: Italian Authorization

The main goal of Honors Italian 2 is to deepen students' understanding of Italian language and culture. The emphasis of the course will be on advancing the development of listening, speaking, reading, and writing skills in Italian. This will be done at a more rigorous pace than the Grade Level Italian 2 course. Students advance their knowledge of the basic language and culture of Italy acquired in Italian 1, and language and culture are acquired through meaningful communicative activities centered on real life situations involving everyday common topics. Students develop linguistic proficiency as they perform relevant tasks in the target language. Students will review the material learned in Italian 1 at the beginning of the year and then will go on to learn the past and future tenses of verbs (e.g., simple past, past perfect, pluperfect, future), as well as the conditional, imperative and subjunctive tenses, in addition to other grammatical concepts (e.g., direct and indirect object pronouns) and vocabulary. In addition, students will deepen their learning of the culture, geography, economy and history of Italy in order to put the language into context and become well-rounded learners of the Italian language.

**INTRO TO LATIN LANGUAGE A- 254801****INTRO TO LATIN LANGUAGE B- 254802**

(Year) Senior

**UC APPROVED (e)**

**Credential Requirement:** Single Subject in Foreign Language: Latin; or Foreign Language: Latin Authorization

This course provides students with a basic understanding of the rudiments of the Latin language. It will give each student a strong foundation in grammar, syntax, and vocabulary and it will emphasize the development of a clear and coherent understanding of the overall structure of the language. Students will learn four of the five noun declensions and the four verb conjugations, and they will develop a facility with translation and analysis of sentences incorporating adjectives, adverbs, and basic prepositional phrases. Emphasis will be placed on comprehension, and the course will be supplement grammar and syntax with regular work on vocabulary, specifically the mastery of Latin stems found in English and the derivatives incorporating them.

**MANDARIN 1 A - 252511****MANDARIN 1 B - 252512**

(Year) Freshmen, Sophomore, Junior, Senior

**UC Approved (e)**

**Prerequisite:** none

**Credential Requirement:** Single Subject in Foreign Language: Mandarin; or Foreign Language: Mandarin Authorization

Mandarin 1 introduces students to Mandarin Chinese through a communication-based approach. Students will learn the basics of the language as well as culture by accomplishing meaningful tasks involving high frequency everyday topics needed to communicate in the classroom and in the community. Students will learn to write 200 traditional Chinese characters and be proficient in Hanyu Pinyin.

**MANDARIN 2 A - 252513****MANDARIN 2 B - 252514**

(Year) Sophomore, Junior, Senior

**UC Approved (e)**

**Prerequisite:** Mandarin 1 with a minimum of a "C" Average.

**Credential Requirement:** Single Subject in Foreign Language: Mandarin; or Foreign Language: Mandarin Authorization

The course focuses on vocabulary building and mastering basic sentence structures. In Mandarin 2, students will also develop skills to deal with the immediate environment including school and family in formal and transactional settings.

**MANDARIN 3 A - 252515****MANDARIN 3 B - 252516**

(Year) Junior, Senior

**UC Approved (e)**

*Prerequisite:* Mandarin 2 with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: Mandarin; or Foreign Language: Mandarin Authorization

Mandarin 3 further develops speaking, listening and reading, writing skills developed in the first two years. Through constant practice, students expand their ability from everyday survival language to more advanced interactions.

**SPANISH 1 A - 256011****SPANISH 1 B - 256012**

(Year) Freshman, Sophomore, Junior

**UC Approved (e)**

*Prerequisite:* None

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

Students will be introduced to the basic language and culture of the Spanish-speaking world. Language and culture are acquired through meaningful communicative activities centered on real life situations involving everyday common topics. Students develop linguistic proficiency as they perform relevant tasks in the new language.

**SPANISH 2 A - 256013****SPANISH 2 B - 256014**

(Year) Freshman, Sophomore, Junior

**UC Approved (e)**

*Prerequisite:* Spanish 1 with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

Spanish 2 continues the process of developing the speaking, listening, reading and writing introduced in Spanish 1. Students will increase the number of language functions and expand their knowledge of grammar. Vocabulary and knowledge of culture will expand with authentic materials and real-life situations allowing students to function comfortably as they express themselves in the new language.

**SPANISH 3 A - 256015****SPANISH 3 B - 256016**

(Year) Junior, Senior

**UC Approved (e)**

*Prerequisite:* Spanish 2 with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

Spanish 3 supports students as they move from the comfort of memorized phrases to the creation of structures that reflect exactly what they want to communicate in the Spanish language. Selection of literature is introduced to increase vocabulary and enhance cultural perspective. Spanish 3 students will continue to communicate completely in Spanish orally and in writing and will be able to produce paragraphs and essays. The primary focus is for students to become independent users of the language.

**SPANISH 4 A - 256017****SPANISH 4 B - 256018**

(Year) Junior, Senior

**UC Approved (e)**

**Prerequisite:** *Spanish 3 with a minimum of a "C" average.*

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

This course focuses on the refinement of speaking and listening skills. Much work is devoted to the study of authentic materials. The readings, which include short stories and poems, are used to increase vocabulary and cultural knowledge, and serve as a springboard for oral and written communication.

**SPANISH 1-NATIVE SPEAKERS A - 256031****SPANISH 1-NATIVE SPEAKERS B - 256032**

(Year) Freshman, Sophomore, Junior

**UC Approved (e)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

Spanish I for Native Speakers is designed for students who have been formally exposed to listening, speaking, reading and writing in Spanish and are interested in polishing their skills and acquiring new ones on their native language. The class includes a thorough review of the grammar rules and the orthography of Spanish. Students will read and write extensively, give oral presentations, and participate in debates; all while learning about the fundamental grammatical structures of Spanish and the many ways this language can be used in both formal and informal settings. Students will examine not only linguistic but socio-cultural issues, developing a greater appreciation of their Hispanic heritage.

**SPANISH NATIVE SPEAKERS 2 A- 256033****SPANISH NATIVE SPEAKERS 2 B - 256034**

(Year) Freshman, Sophomore, Junior, Senior

**UC Approved (e)**

**Prerequisite:** *Counselor/Teacher recommendation*

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

This course is intended for students who can demonstrate fluency in spoken Spanish and a basic knowledge of written Spanish. This is a comprehensive course covering an introduction to literature, composition, grammar, speech and stories and articles, writing grammatically correct compositions, improving vocabulary, and enhancing listening and speaking skills.



**SPANISH NATIVE SPEAKERS 3 A - 256035**

**SPANISH NATIVE SPEAKERS 3 B - 256036**

(Year) Sophomore, Junior, Senior

**UC Approved (e)**

*Prerequisite:* Spanish Speakers 2 with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

This course is intended for the student who can prove advanced oral proficiency in Spanish and basic writing skills. It covers oral and written comprehension and production with emphasis on grammatical accuracy. Complex thinking skills are required to analyze a wide variety of short works of advanced literature. By the end of this course students will be adequately prepared to take the AP Spanish Language exam. Students are encouraged to advance to either Spanish Native Speakers 4 OR AP Spanish Literature class the following year.

**SPANISH NATIVE SPEAKERS-4 A - 256037**

**SPANISH NATIVE SPEAKERS-4 B - 256038**

(Year) Junior, Senior

**UC Approved (e)**

*Prerequisite:* Spanish 3 Native Speakers with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

This course is intended for the student who can prove advanced oral proficiency in Spanish and basic writing skills. It covers oral and written comprehension and production with emphasis on the refinement of speaking and listening skills. This course is devoted to the study of authentic materials. The readings, which include short stories and poems, are used to increase vocabulary and cultural knowledge, and serve as a springboard for oral and written communication.

**SPANISH LANGUAGE HONORS 3 A - 256027**

**SPANISH LANGUAGE HONORS 3 B - 256028**

(Year) Junior, Senior

**UC Approved (e)**

*Prerequisite:* AP Spanish Language with a minimum of a “C” average.

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

This course is for students who have already taken AP Spanish Language and are preparing for AP Spanish Literature. This course is conducted completely in Spanish. Lecture is limited to introductions to authors and/or background information. Students are expected to contribute to class discussions participate willingly. Group activities and presentations are also part of the class, and they add another dimension to learning.

### **AP SPANISH LANGUAGE A - 256023**

### **AP SPANISH LANGUAGE B- 256024**

(Year) Senior or others with instructor's approval

#### **UC Approved (e)**

**Prerequisite:** Instructor's approval

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

The AP Spanish Language course should help prepare students to demonstrate their level of Spanish proficiency across three communicative modes (Interpersonal [Interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the *Standards for Foreign Language Learning in the 21st Century* (Communication, Cultures, Connections, Comparisons and Communities). The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level.

### **SPANISH LITERATURE HONORS A - 256019**

### **SPANISH LITERATURE HONORS B - 256020**

(Year) Juniors, Senior or others with instructor's approval

#### **UC Approved (e)**

**Prerequisite:** Successful completion of Spanish 3 (on instructor's approval)

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

This course gives students an understanding of Spanish literature of the XIV-XX centuries. Part of that understanding is rooted in the learning of the historical and social context of each piece. Students will understand each piece of literature holds a positive and negative critique from a reader's point of view. It is the responsibility of each student to be able to understand analyze and explain each critique of the literature pieces read in class.

### **AP SPANISH LITERATURE A - 256021**

### **AP SPANISH LITERATURE B - 256022**

(Year) Senior or others with instructor's approval

#### **UC Approved (e)**

**Prerequisite:** Successful completion of AP Spanish 4 (preferred) or Spanish 3 (on instructor's approval).

**Credential Requirement:** Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization

The goals of AP Spanish Literature are to prepare students to understand lectures in Spanish and to participate in discussions in Spanish on literary topics, to do a close reading of literary texts of all genres in Spanish, and to analyze critically the form and content of literary works, orally and in writing, using appropriate terminology. The AP Spanish Literature course is intended to be the equivalent of a third-year college Introduction to Hispanic Literature course. It covers authors and works from the literature of Spain and Latin America and centers on the understanding and analysis of literary texts. Students will read works that date from medieval epic poetry to 20<sup>th</sup> century lyric poetry; from 13<sup>th</sup> century didactic prose to modern existentialist stories; from Baroque era drama to the plays of Federico Garcia Lorca. By the end of the course, student language ability can generally be equated to that of college students who have completed the typical fifth or sixth semester Spanish Language course in composition, and grammar. AP Spanish Literature promotes and even goes beyond the usual proficiency achieved in the AP Spanish Language course by providing the equivalent of a first content course or, in other words, a survey course.

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## VISUAL AND PERFORMING ARTS (VPA)

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### VISUAL & PERFORMING ARTS COURSES

Count under category “f” for the UC/CSU “A-G” college admissions requirements

#### ART 1A - 200105

#### ART 1B - 200106

(Year) Freshman, Sophomore, Junior, Senior

**UC Approved (f)**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Art; or Art Authorization

This course provides instruction in two and three-dimensional art forms. Students will be given the opportunity to develop their skills in drawing, painting and perspective through practice. Students will have exposure to various artists and cultures. Design will be investigated through problem solving activities such as printmaking, sculpture and paper-mache. This course is designed to accommodate beginning and experienced art students.

#### ADVANCED ART 1A - 200129

#### ADVANCED ART 1B - 200130

(Year) Sophomore, Junior, Senior

**UC Approved (f)**

*Prerequisite: Art 1A & Art 1B*

**Credential Requirement:** Single Subject in Art; or Art Authorization

Advanced art teaches students to demonstrate more advanced skill building in drawing and painting production, applying the fundamentals of the elements and principles of fine art and design. In addition, students will learn about artistic philosophy, art criticism, and art history.

#### ART 2 A- 210107

#### ART 2 B- 210108

(Year) Junior, Senior

**UC Approved (e)**

*Prerequisite: Art IA & Art IB*

**Credential Requirement:** Single Subject in Art; or Art Authorization

Students will demonstrate more advanced skills in drawing and painting production, applying the fundamentals of the elements and principals of fine art and design. Students will design individual artworks based on design elements and principals as well as responses to historical, philosophical and cultural prompts.

**AP ART HISTORY A - 200119****AP ART HISTORY B - 200120**

(Year) Junior, Senior

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Art; or Art Authorization

Advanced Placement History of Art is open to all juniors and seniors. This course satisfies the Visual Performing Art requirement for Cal State and University of California. This course traces the development of man's artistic accomplishments from prehistory to the present. Emphasis will be placed on learning to analyze and become articulate about art and architecture in terms of its visual nature, and cultural context. This course will be conducted in the manner of a college-level art history survey course. It is recommended that students who take this course have advanced skills in reading, writing and discussion. Students who pass the Advanced Placement exam for this course may earn college credits and/or advanced placement in college art courses.

**AP STUDIO ART A- 200125****AP STUDIO ART B- 200126**

(Year) Junior, Senior

**UC Approved (f)**

**Prerequisite:** Students must turn in an application in an art portfolio and/or have an interview with the art teacher. Students should have taken an elective art class prior to this course.

**Credential Requirement:** Single Subject in Art; or Art Authorization

AP Studio Art is a course for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios - 2-D Design, 3-D Design and Drawing - corresponding to the most common college foundation courses. AP Studio Art sets a national standard for performance in the visual arts that allows students to earn college credit and/or advanced placement while still in high school.

**CHORUS SH A - 320509****CHORUS SH B - 320510**

(Year) Freshmen, Sophomore, Junior, Senior

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Music; or Music Authorization

Chorus is a yearlong elective that has been designed for students with a variety of vocal abilities. Students will learn how to read music, proper posture and breathing techniques for singing, diction, techniques on how to produce an "in tune" vocal sound and the basic vowels used in singing and how to properly produce them. Students will get to perform a variety of songs in many styles and present concerts during the school year.

**CONCERT CHOIR A- 320130****CONCERT CHOIR A- 320131**

(Year) Junior, Senior

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Music; or Music Authorization

Concert Choir is a class open to any student in grades 11 and 12. Students will learn vocal techniques, basic elements of music such as melody, harmony, timbre, and tone, and rehearse and perform music from several eras, styles, and cultures. Mandatory performances are scheduled to assess California Content Standards in performance and give the students the experience of performing live music which has several cross-curricular applications. Students are also introduced to music's role in defining culture. They are required to read and perform music from a variety of composers and geographic areas including our American musical roots (Gospel, Folk, Jazz) to World Music from places around the world. Students experience a historical introduction to music. Students in our Concert Choir listen to, analyze, read, & perform classical and modern choral works, i.e. Madrigals, Spiritual Gospel, Jazz, Pop and more.

**COMMERCIAL ART A- 200323****COMMERCIAL ART B- 200324**

(Year) Freshmen, Sophomore, Junior, Senior

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Art; or Art Authorization

This course prepares students to design and execute layouts and make illustrations for advertising displays, pamphlets, and brochures. It includes instruction in the preparation of copy; in lettering; poster, package, and product design. It will also develop and utilize skills in photography, desktop publishing, art/design, and written/oral language. Students will work individually and in groups to produce quality work, meet deadlines and spend additional time outside of class.

**DANCE 1A- 330126****DANCE 1B- 330127**

(Year) Freshmen, Sophomore, Junior, Senior

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

Dance I is a beginning class for the student who has had little background or training in dance. In this class students will be learning basic ballet, jazz, modern, and commercial dance. Through these technique students will have a working vocabulary of movement that will help them progress into improvisational work as well as choreography. Dancers will gain self-awareness and confidence from participation in this class. Injuries prevention, health, and diet for the dancer will also be covered. Students will apply their dance technique and understandings of the content standards that they have mastered by dancing in a performance setting.

**DRAMA A - 380707**

**DRAMA B - 380708**

(Year) Freshmen, Sophomores, Juniors, Seniors **UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in English; or English Authorization

This academic and performance based course offers a beginning level of the advanced study of acting. Students will learn how to analyze a play and a part. They will work on monologues and scenes. Students will also have an opportunity to partake in public performances.

**DIGITAL DESIGN A - 200321**

**DIGITAL DESIGN B - 200322**

(Year) Sophomore

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Industrial and Technology Education; or Industrial and Technology Education Authorization

This course provides builds upon the concepts learned in Multimedia and takes those concepts to a higher level. Skills learned in iPhoto will form the foundation for the more advanced skills of Photoshop. Illustrator will be introduced as the basis for graphic design. Film analyses will continue and students will learn additional techniques to advance graphic design and filmmaking.

**ADVANCED DIGITAL MEDIA A - 200329**

**ADVANCED DIGITAL MEDIA B - 200330**

(Year) Juniors

**UC Approved (f)**

**Prerequisite:** Multimedia and Digital Design

**Credential Requirement:** Single Subject in Industrial and Technology Education; or Industrial and Technology Education Authorization

This course builds upon the concepts of video production and participation in the pre-production, production, and post-production processes of filmmaking learned in Digital Design. Film analyses will continue and students will learn additional techniques to advance graphic design and analysis in filmmaking. Students will complete service-learning projects that will promote school and community events.

**FILMAKING A- 380121**

**FILMAKING B- 380122**

(Year) Juniors & Seniors

**UC APPROVED (f)**

**Credential Requirement:** Credential Requirement: Single Subject in Art; or Art Authorization

Filmmaking is designed to introduce students to the process and tools associated with filmmaking. The course will involving cinema studies, analyses, iconography, genre, producing, screenplay writing, cinematography, directing, art direction, sound and editing. Through the class students will learn pre-production skills, film production structure and aesthetics, camera operation, and sound recording procedures, basic studio lighting and the fundamentals of editing.

**FILM AND MEDIA LITERACY A- 460505**

**FILM AND MEDIA LITERACY B- 460506**

(Year) Juniors & Seniors

**UC APPROVED (f)**

**Credential Requirement:** Single Subject in English; or English Authorization

Students will develop critical thinking skills as they analyze the history and various genres of film in support of the English Language Arts standards. Students will write essays comparing themes across films, as well as comparing literary and film versions of the same story.

**FILM STUDIES A- 380119**

**FILM STUDIES B- 380120**

(Year) Senior

**UC APPROVED (f)**

**Prerequisite:** None

**Credential Requirement:** Credential Requirement: Single Subject in Art; or Art Authorization

This course provides students with a broad introduction to film with a focus on basic theories of film art, language and appreciation of cinema. Students will screen and analyze various genres of film as well as cinematic images, soundtracks, and the script. Students will also read, discuss, and write about the various approaches to developing sound criticism and interpretation. It is an intensive writing course therefore students are expected to participate in all writing exercises, as well as in group and individual projects.

**FOUNDATIONS OF ANIMATION A- 200327**

**FOUNDATIONS OF ANIMATION B- 200328**

(Year) Junior, Senior

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Credential Requirement: Single Subject in Art; or Art Authorization

This foundation animation class offers students an opportunity to explore and refine concepts and basic principles related to animation. Students will be taught traditional animation techniques (2-D) for creating the illusion of life. Students will develop an increased animation and visual storytelling vocabulary by responding to class and self-critiques. They will also explore and refine basic drawing and computer skills. Students should expect quizzes, tests, and class critiques on the various animation projects. Course work is based on state standards adopted for the art curriculum.

**MULTIMEDIA A- 180733****MULTIMEDIA B- 180734**

(Year) Freshmen, Sophomore

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Industrial and Technology Education; or Industrial and Technology Education Authorization

This course will introduce students to the fundamental elements that are integral to the strands of Media Arts and Entertainment Design through Digital Filmmaking, photography, Web Design, Music and Animation. Students will learn traditional, elements of design and artistic structure such as composition, texture, color, theory, symmetry rule of thirds, production design and lighting and apply their knowledge to specific classroom projects that are designed to be meaningful and reflective of their lives. Students will engage in the writing process and develop storytelling techniques through the development of scripts, screenplays, storyboards and finished production projects. Students will become proficient in the use of digital cameras, camcorders, filmmaking equipment and use computer software to edit photographs, music, digital videos and animations. Students will further study the impact of media and film across cultures and in our society.

**MUSIC APPRECIATION A - 320103****MUSIC APPRECIATION B - 320104**

(Year) Freshmen, Sophomores, Juniors, Seniors

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Music; or Music Authorization

This course is designed to be an introduction to both western and non-western music styles. Students will learn how music affects their culture and other cultures around the world. Students will learn how music is used in a myriad of situations, from communication to mood setting, and to recognize music in its written form as well as its aural form. This class has been developed using the Standards in Music Education, grades 9-12 as identified by the Music Educators National Conference (MENC).

**AP MUSIC THEORY A - 320111****AP MUSIC THEORY B - 320112**

(Year) Junior, Senior

**UC Approved (f)**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Music; or Music Authorization

This course is designed to be the equivalent of a first year music theory course at the college level. The course develops students' understanding of musical structures and compositional procedures. Usually intended for students possessing performance level skills, this course extends and builds on the students' knowledge of intervals, scales, chords, metric/rhythmic patterns, and their interaction in composition



**MUSIC THEATER 1A - 320119****MUSIC THEATER 1B - 320120**

(Year) Junior, Senior

**UC Approved (f)**

*Prerequisite: None*

**Credential Requirement: Credential Requirement: Single Subject in English or English Authorization**

The purpose of this course is to provide students with a foundation in acting, singing, and stage production techniques. By doing this, students are supplied with the framework to think critically about artistic interpretation. Through music theatre reviews and musical repertoire, students engage in reflective and critical thinking. This leads to their understanding of the growth process within the foundations of music and acting. In order to provide accurate and realistic interpretations, students analyze their musical productions by researching the contexts involved. This includes the historical time period, social and cultural implications, costuming, popular culture, and other surrounding details. Students design, orchestrate, direct, and advertise for their theatrical productions. They are graded based upon California Visual and Performing Arts Standards.

**MUSIC THEATER 2A - 320121****MUSIC THEATER 2B - 320122**

(Year) Junior, Senior

**UC Approved (f)**

*Prerequisite: Musical Theater 1*

**Credential Requirement: Credential Requirement: Single Subject in English or English Authorization**

The purpose of this course is to provide students with intermediate level skills in musical theatre history, vocal music production, and acting techniques. Content, techniques and knowledge from Musical Theater 1A & B are expanded upon (character development, stage directions, acting, and stage leadership) and advanced techniques (college try-outs, soliloquies, major roles, major repertoire) are studied. By doing this, students discover the background of theatre in America and what skills it takes to put together a musical. Students will produce 4 productions throughout the school year, including a cabaret performance. Through this process, students engage in reflective and critical thinking skills. In order to provide accurate interpretations and appropriate creativity for their own musical productions, students analyze the history of the musical and its writers, the era it grew from, and analyze different recordings of the show. Their research throughout this course includes historical time periods, social and cultural implications, costuming, popular culture, and their favorite interpretation of each individual song. Students design, orchestrate, direct, and advertise for their theatrical productions.

**PERCUSSION TECHNIQUES 1A- 323013****PERCUSSION TECHNIQUES 1B- 323014**

(Year) Freshmen, Sophomore, Junior, Senior

**UC Approved (f)**

*Prerequisite: NONE*

**Credential Requirement: Single Subject in Music; or Music Authorization**

The purpose of this course is to provide a foundation for the performance of percussion instruments and the musicality, both in technique and vocabulary, to perform at a proficient level. The students will perform a varied repertoire of music and instruments within the percussion family. Students will grow their performance abilities by using reflection and self-evaluation. Students are NOT expected to have musical background for this course.

**PERCUSSION TECHNIQUES 2A- 323015**

**PERCUSSION TECHNIQUES 2B- 323016**

(Year) Freshmen, Sophomore, Junior, Senior

**UC Approved (f)**

*Prerequisite:* Percussion Techniques 1 A&B

**Credential Requirement:** Single Subject in Music; or Music Authorization

Content, techniques and knowledge from year one are expanded upon (sticking, sight reading, rudiments) and advanced techniques (region/all state band tryouts, advanced rudiments, DCI materials) are studied.

**PERCUSSION TECHNIQUES 3A- 323017**

**PERCUSSION TECHNIQUES 3B- 323018**

(Year) Freshmen, Sophomore, Junior, Senior

**UC Approved (f)**

*Prerequisite:* Percussion Techniques 1 A&B & 2 A&B

**Credential Requirement:** Single Subject in Music; or Music Authorization

Content, techniques, and knowledge from year TWO are expanded upon (region/all state band tryouts, advanced rudiments, DCI materials) and advanced techniques (orchestral excerpts, college tryout materials) are studied.

**PLAY PRODUCTION A - 329001**

**PLAY PRODUCTION B - 329002**

(Year) Sophomore, Junior, Senior

**UC Approved (f)**

*Prerequisite:* None

**Credential Requirement:** Single Subject in English; or English Authorization

The purpose of this introductory course in Play Production is to establish a foundation in both acting and production techniques, to provide a framework for critical thinking in the establishment of artistic interpretation, and to engage reflective thinking about performances within theatre repertoire. Students will be graded on their mastery of assignments through the California Theatre Standards (CTS) and Common Core College Career Readiness Standards for Reading (C4RSR) and Writing (C4RSW). Skills provided in this course will allow students to pursue careers within music theatre.

**SURVEY OF ART HISTORY A - 200107**

**SURVEY OF ART HISTORY B - 200108**

(Year) Sophomore, Junior, Senior

**UC Approved (f)**

*Prerequisite:* None

**Credential Requirement:** Single Subject in Art; or Art Authorization

This survey course utilizes the critical examination of art from ancient times to the present as a way to develop student's critical thinking and visual literacy skills. Students will develop an understanding of the elements of art and its related terminology as they learn to look at art critically within diverse historical and cultural contexts. Students should expect quizzes, tests, and art critiques. Course work is based on state standards adopted for the art curriculum.

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# PHYSICAL EDUCATION

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## OVERVIEW

Physical education offers students the opportunity to develop physically, socially, emotionally and intellectually. Physical Education grades are counted as part of the student's overall high school grade point average. P.E. is an elective for public charter schools.

## INTRODUCTION TO KINESIOLOGY A -260003

## INTRODUCTION TO KINESIOLOGY B -260003

(Year) Senior

**UC Approved (g)**

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

This course focuses on body function and movement along with areas of physical and social health for the individual and the family. Students are required to complete analytical reading and expository writing, to explore the preservation and enhancement of human movement, along with human needs through the various life cycles, food composition, and application of modern findings in nutrition. Students will also explore current research related to exercise, movement, and body dynamics. Course work is based on state standards adopted for physical education.

## ADV. PHYSICAL EDUCATION 1A - 330105

(Fall Semester) Freshmen

**NOT UC APPROVED**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

Students will participate on a daily basis in activities aimed at improving their cardiovascular fitness, upper body strength, abdominal strength, and flexibility. Once a week, students will participate in a functional fitness training activity.

## ADV. PHYSICAL EDUCATION 1B -330106

(Spring Semester) Freshmen

**NOT UC APPROVED**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

Students will continue to work on improving their cardiovascular fitness, upper body strength, abdominal strength, and flexibility through daily activities aimed at preparing students for the California Physical Fitness tests.

**ADV. PHYSICAL EDUCATION 2A – 330121**

**ADV. PHYSICAL EDUCATION 2B - 330122**

(Fall Semester) Sophomore

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

Students will continue to develop skills acquired during their freshman year and will be exposed to new activities. The primary emphasis of the sophomore curriculum is individual and dual sports. There or four days a week, students will participate in team or individual sports activities. They will have a choice of two activities throughout the semester from the following selections: basketball, football, softball, and field sports. In addition, one or two days a week, students will participate in personal fitness and weight training. Students will continue to participate three or four days a week in dual, team, and individual sports with golf and tennis as required core activities, choosing two of the following selections: track & field, outdoor education, soccer, and volleyball. In addition, one or two days a week the student will participate in weight training and personal fitness.

**PHYSICAL EDUCATION/**

**HEALTH 9A - 330117**

(Fall Semester) Freshmen

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Physical Education and Health; or Single Subject in Physical Education with Health Authorization; or Single Subject in Health with Physical Education Authorization

In addition to the Physical Education 9A course, students will have health lessons every Wednesday, using the book *Lifetime Health* published by Holt. In the students' health lessons, students will analyze their health and well being in regards to fitness, disease, abuse, prevention and awareness, communication, family and environmental health. Students will have an opportunity to personalize assignments in order to reflect and develop plans that will foster health habits.

**PHYSICAL EDUCATION/**

**LIFE SKILLS 9B - 330118**

(Spring Semester) Freshmen

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

In addition to the Physical Education 9B course, students will have Life Skills lessons every Wednesday to increase student knowledge and ability in skills necessary for everyday living. Topics included will be self-assessment relating to others, post secondary education, careers, employment, consumerism, money management, housing, food, marketing and preparation, clothing choices and care.

**CAPOEIRA A - 330549****CAPOEIRA B - 330550**

(Year) Freshmen, Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

Capoeira is an Afro-Brazilian martial art and dance created by the slaves in Brazil. It involves the learning of movement, music, Afro-Brazilian history and culture. Students will learn to play the rhythms and percussion of Afro-Brazilian music. They will also learn Afro-Brazilian history and an introduction to the Portuguese language. The class is differentiated as such that students may take this course multiple times and will continue to deepen their practice and advance their skills in Capoeira.

**MARTIAL ARTS A-330123****MARTIAL ARTS B- 330124**

(Semester) Freshmen, Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

Martial arts have been practiced for centuries as a method of integrating mind, body, and spiritual well-being. While improving physical fitness and emotional health, martial arts have been the cornerstone of unarmed self-defense throughout the ages. Martial arts training can be performed at any level across all ages. This course will be taught by a licensed black belt/sensei/sifu from a licensed national or international organization. Under such direction, martial arts training will promote comprehensive wellness while developing important lifelong motor skills. For many, the emotional and psychological benefits of martial arts training will be as rewarding as the physical improvements experienced.

**YOGA A - 330167****YOGA B - 330168**

(Year) Freshmen, Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

This course examines the origins, history, and philosophy of yoga. Students learn the fundamentals of yoga practice: the physical poses or asana, and the breathing and meditation practices. Students experience how philosophy and practice are deeply intertwined and how the knowledge of the former enriches the latter. This class will include some, but not be limited to, flow breathe work, hip work, strength and balance work.

**WEIGHT TRAINING A - 330201**

**WEIGHT TRAINING B - 330202**

(Semester) Freshmen, Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Physical Education; or Physical Education Authorization

Students will be introduction to progressive resistance training on machines and free weights. Proper technique is emphasized. The class will consist of a series of low-impact flexibility and muscular endurance exercises that facilitate the development of strength and flexibility without bulk. The emphasis is on enhancing core stabilization (abdominal, lower back, hips, and lower body) and general body toning.

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## STUDENT ADVISORY - ALLIANCE REQUIREMENT

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ADVISORY 9 A - 420104

ADVISORY 9 B - 420105

ADVISORY 10 A - 420106

ADVISORY 10 B - 420107

ADVISORY 11 A - 420108

ADVISORY 11 B - 420109

ADVISORY 12 A - 420110

ADVISORY 12 B - 420111

(Year) Freshman, Sophomore, Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Any Single Subject; or Multiple Subject. Multiple Subject can be used to teach Freshman only.

*2.5 credits per semester= .5 credits per year*

Advisory is an Alliance curriculum driven course. Students take Advisory all four years of high school. Each student works closely with their Advisory teacher to develop their Individual Learning Plans (ILPs), exploring and setting academic and career goals. Students take part in team building activities, community service opportunities and work on their high school portfolio. Alliance Advisory was designed with the purpose of:

1. Personal and academic success of students
2. Prepare students to be positive and contributing members of society
3. Prepare students for school, life and career transitions
4. Create a community in which all students feel safe, welcome and heard.

ADVISORY 9/HEALTH A - 400104

**NOT UC APPROVED**

**Credential Requirement:** Single Subject in Health or Health Authorization

In addition to the Advisory A class, students will have health lessons every Wednesday, using the book *Lifetime Health*, published by Holt. In their health lessons, students will analyze their health and well being in regards to fitness, disease, abuse, prevention and awareness, communication, family and environmental health. Students will have an opportunity to personalize assignments in order to reflect and develop plans that will foster health habits.

### **ADVISORY 9/LIFE SKILLS B - 400106**

#### **NOT UC APPROVED**

**Credential Requirement:** Any Single Subject or Multiple Subject

In addition to the Advisory B class, students will have Life Skills lessons every Wednesday to increase student knowledge and ability in skills necessary for everyday living. Topics included will be self-assessment relating to others, post secondary education, careers, employment, consumerism, money management, housing, food, marketing and preparation, clothing choices and care.

### **STEM ADVISORY A - 420112**

### **STEM ADVISORY B - 420113**

#### **NOT UC APPROVED**

**Credential Requirement:** ANY Single Subject in a Major Science (Biological Science, Chemistry, Geosciences, Physics); or Authorization in a Major Science (Biological Science, Chemistry, Geosciences, Physics). The Single Subject or Authorization in a Major Science CANNOT BE NOT Specialized.

The purpose of this advisory is to bring together students who are interested in the field of mathematics and science. This includes but is not limited to students who are interested in mechanical, chemical, electrical, civil, structural, industrial, robotics, or computer engineering, statistics, applied and theoretical mathematics, physics, and computer science. Students in this advisory will be exposed to the aforementioned disciplines and will improve their math and science skills through guest speakers, research and projects. They will be required to participate in the MESA and iSTEM program to take place on some Saturdays and Thursdays. Students in this Advisory will also take college courses in Engineering. Students are also required to complete projects in mathematics and science, plan and execute a STEM symposium/fair, and participate in regular advisory lessons. Students must be able to handle deadlines and pressure, produce quality work, work together in groups, and must be willing to spend additional time outside of the class working on the projects if necessary or when required.



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## GENERAL ELECTIVES

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### UC APPROVED ELECTIVES (G)

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**CC ADVANCED ALGEBRA WITH FINANCIAL APP A- 324284**

**CC ADVANCED ALGEBRA WITH FINANCIAL APP B- 324285**

(Year) Senior

**UC Approved (g)**

*Prerequisite: Algebra 1*

**Credential Requirement:** Single Subject in Mathematics; or Mathematics Authorization

Advanced Algebra with Financial Applications is a college-preparatory course that will use sophisticated mathematics to give you the tools to become a financially responsible young adult. The course employs algebra, pre-calculus, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics. Field projects, computer spreadsheets, and graphing calculators are key components of the course.

**BIG HISTORY A - 327121**

**BIG HISTORY B - 327122**

(Year) Freshman

**UC APPROVED (g)**

**Credential Requirement:** Single Subject on Social Science; or Social Science Authorization

Big History is an interdisciplinary course that situates pre-human and human history across vast scales of time and space. The course seeks to unravel a modern story of our interconnected existence, from a Big Bang origin of space and time, through the creation of stars, aggregation of planets, development of the Earth, and geological formation of continents. Next students learn about the evolution of life on Earth; influence of language, interconnectivity and collective learning; and the emergence of agrarian civilizations and the first city-states. Then students explore the rapidly growing economic interdependence among humans and the collision of cultures, the modern industrialized world, and humans' relationship with the biosphere. Last they look towards the future, and consider the next great thresholds of complexity. An integrative, interdisciplinary approach allows students to study the history of the events that produced our world, and also the history of the disciplines that uncovered them. Big History students integrate the knowledge produced by these disciplines into a coherent historical story—the story of everything—and they place themselves in the context of this big story.

**BUSINESS ENTREPRENEURSHIP A - 441211****BUSINESS ENTREPRENEURSHIP B - 441212**

(Year) Junior, Senior

**UC APPROVED (g)**

**Credential Requirement:** Single Subject in Business; or Business Authorization

Business through entrepreneurship is a project-based college prep course where students analyze and develop a small business. Students will focus on four goals. They will learn the significance of math, reading, writing, and communicating to their future within the framework of starting and operating a small business. Students will understand how the market economy and ownership leads to wealth creation. Students learn not only the skills necessary to become entrepreneurs but also the attitudes, characteristic, and techniques in successful entrepreneurs that they will need to succeed. Finally, learn to be able to save and make future investments in order to meet their financial goals in life. Students will learn to build analytical skills through solving complex problems and making sound decisions in order to produce a viable business.

**EXPLORING COMPUTER SCIENCE A - 180220****EXPLORING COMPUTER SCIENCE B - 180221**

(Year) Freshman, Sophomore, Junior, Senior

**UC APPROVED (g)**

**Credential Requirement:** Single Subject in Mathematics or Mathematics Authorization; or Single Subject in Computer Concepts and Applications or Computer Concepts and Applications Authorization

Exploring Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers and societal and ethical issues.

**FILM AS LITERATURE: CINEMATIC ANALYSIS A-371205****FILM AS LITERATURE: CINEMATIC ANALYSIS B- 371206**

**UC APPROVED (g)**

**Credential Requirement:** Single Subject in English; or English Authorization

Students enrolled in this course study both as an art form and a form of communication. They are taught to read a film, analyzing its narrative structure, genre conventions, subtext, technical and artistic, factors, and purpose. The emphasis will be on the various language/sign systems and the spectrum of techniques used by film makers in conveying meaning. The course introduces the realistic, classic and formalistic traditions of film making as well as the history of the cinema. In addition, students examine how films often reflect the times and conditions in which they are made, and conversely, how motion pictures sometimes help shape attitudes and values in society. In addition to mise-en-scene analysis, requiring weekly essays, the students will create short film projects.

**CC FILM STUDIES: SPANISH LANGUAGE FILM AND CULTURE A– 380130**

**CC FILM STUDIES: SPANISH LANGUAGE FILM AND CULTURE A– 380131**

(Year) Junior, Senior

**NOT UC APPROVED**

**Credential Requirement:** Single Subject in Art **and** Social Science; or Single Subject in Art with Social Science Authorization; or Single Subject in Social Science with Art Authorization

This course has been designed to provide students with a broad introduction to the study of films using Spanish language. In addition to teaching students the vocabulary of film studies, it is intended to provide an overview of: the variety of films made in Spanish-speaking countries; the different approaches through film (e.g. film as art, film as industry, film as communication practice); the cultural relevance of film in Spain and the America; and specific ways of grouping films in critical practice (e.g. historical, genre, region, style, or authorship). Consideration will also be given to ways of critically writing about film.

**HUMAN GEOGRAPHY A- 361305**

**HUMAN GEOGRAPHY B- 361306**

**UC Approved (g)**

(Year) Freshmen, Sophomore, Junior

**Prerequisite:** None

**Credential Requirement:** Single Subject in Social Science; or Social Science Authorization

This course introduces students to the systematic 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 environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Some emphasis will be placed on the CAHSEE English and math standards as relevant to the course.

**INTRODUCTION TO BUSINESS A- 460201**

**INTRODUCTION TO BUSINESS B- 460202**

(Year) Senior

*2.5 credits per semester= .5 credits per year*

**UC APPROVED (g)**

**Prerequisite:** *Must be a junior in good academic standing with a GPA of 3.0 or higher*

**Credential Requirement:** Single Subject in Business; or Business Authorization

Introduction to Business is a course that focuses on bringing business executives into the classroom to educate, inspire, and motivate students to both gain interests and become involved in business-related and professional careers. This year-long course is highly experiential for the students and includes: in-class presentations by business executives, field trips to area businesses, and summer internships. Additionally, students who successfully complete the course will potentially receive credit for college coursework.

**CC INTRO TO JOURNALISM 9/10A - 321318**

**CC INTRO TO JOURNALISM 9/10B - 321319**

(Year) Sophomore, Junior, Senior

**UC APPROVED (g)**

**Credential Requirement:** Single Subject in English; or English Authorization

Students will be able to explore various concepts of journalism that include exploring the validity and interpretation of various authors non-fictional text, decoding and dissecting informational text, and reporting specific events as they pertain to real life scenarios. Students will enhance their reading, writing, speaking, and listening skills utilizing the California State Common Core standards as the foundation for learning.

Students will be expected to submit various culminating projects throughout the year that include analytical papers, development of reportive articles, storyboard illustrative projects. Students will complete the course with a strong understanding of what entails the field of journalism and the skills necessary to participate in the field.

**CC INTRO TO JOURNALISM 11/12A - 321318**

**CC INTRO TO JOURNALISM 11/12B - 321319**

(Year) Junior, Senior

**UC APPROVED (g)**

**Credential Requirement:** Single Subject in English; or English Authorization

Students will be able to explore various concepts of journalism that include exploring the validity and interpretation of various authors non-fictional text, decoding and dissecting informational text, and reporting specific events as they pertain to real life scenarios. Students will enhance their reading, writing, speaking, and listening skills utilizing the California State Common Core standards as the foundation for learning.

Students will be expected to submit various culminating projects throughout the year that include analytical papers, development of reportive articles, storyboard illustrative projects. Students will complete the course with a strong understanding of what entails the field of journalism and the skills necessary to participate in the field

**LEADERSHIP A - 460603**

**LEADERSHIP B - 460604**

(Year) Senior

**UC APPROVED (g)**

**Credential Requirement:** Any Single Subject

This course lays the foundation study of leadership as a process in organizations. Key terms, concepts and theories are presented and examined to serve as tolls for subsequent analysis and application. Students will receive feedback on their own leadership style through leadership instruments and exercises. The course will include measurement and skill development in personality, critical thinking, decision-making, communication, conflict-management, school wide programs, planning and other key areas. Activities may include other activities to enrich student life and build student community

**MEDICAL SCIENCE 11: WRITING AND RESEARCH PROJECTS - A 361130****MEDICAL SCIENCE 11: WRITING AND RESEARCH PROJECTS - B 361131**

(Year) Junior

**UC Approved (g)**

*Prerequisite: Medical Science 9 preferred*

**Credential Requirement: Credential Requirement: Single Subject in English; or English Authorization**

This course will provide in depth opportunities for students to strengthen their writing and research skills. Students will develop strong paragraphs and build upon this skill to write competent multi-page research papers. Students will display evidence of their research through papers and oral presentations. In addition to mastering the components of a written research paper, students will strengthen their resume and cover letter in an effort to embody career readiness. Students will utilize the completed product to participate in mock interviews with respected individuals in the community. Students will use the feedback provided to assist in obtaining an applicable internship. This course is a part of the larger Work-Based Learning strain and will have an emphasis on advocacy, research skills, and project-based learning.

**MEDICAL SCIENCE 12: SERVICE LEARNING - A 361132****MEDICAL SCIENCE 12: SERVICE LEARNING - B 361133**

(Year) Senior

**UC Approved (g)**

*Prerequisite: Med. Sci. 9 preferred*

**Credential Requirement: Any Single Subject**

This course will engage students in service-learning internships that will focus on improving subgroup outcomes in the local community. Mentors within the corporate, non-profit, and university systems will work with the Work-Based Learning Coordinator, course instructor, and students to design and implement projects that will address identified needs within the community and the learning objectives of the students. Projects will provide students with the opportunity to participate in internships and work collaboratively to provide tangible deliverables that will be beneficial to the community partners and their clientele. This course is a part of the larger Work-Based Learning strain and will incorporate research, writing skills, presentation, and critical-thinking skills through project-based learning and outside internships.

**SPANISH MEDICAL TERMINOLOGY- A 256039****SPANISH MEDICAL TERMINOLOGY- B 256040**

(Year) Junior, Senior

**UC Approved (g)**

*Prerequisite: Prerequisite: Completed Spanish Level 3, Spanish Level 4 or AP Spanish Language and Culture. Optional Co-requisite: Medical Science 12*

**Credential Requirement: Single Subject in Foreign Language: Spanish; or Foreign Language: Spanish Authorization**

Spanish Medical Terminology students are expected to fulfill several responsibilities including combine prerequisite knowledge around medical terminology and apply it using Spanish language: Gain skills related to translation services for medical services and other careers, Utilize the skills gained to complete internships. Take an examination to evaluate fluency in clinical skills, medical vocabulary and cultural competency.

**SPEECH & THEATRE A - 322112****SPEECH & THEATRE B - 322113**

(Year) Freshman, Sophomore, Junior, Senior

**UC Approved (g)**

*Prerequisite: none*

**Credential Requirement: Single Subject in English; or English Authorization**

This introductory course in Speech and Theatre will provide students with the basic skills to successfully produce entertaining and informative speeches, monologues and scenes. Gaining the ability to address an audience with confidence is a necessity that will be achieved through techniques that will hone their research, written and performance abilities. This course is for students interested in developing skills in oral presentation. Students will learn how to research, outline, organize and deliver various types of formal speeches including informative, persuasive, and special occasion. Additional presentations will include impromptu speeches, oral interpretations of poetry and prose, and debates. The goal of this course is for students to walk away more confident, knowledgeable, and organized speakers.

**VEX ROBOTICS A - 361311****VEX ROBOTICS B - 361312**

(Year) Sophomore, Junior, Senior

**UC Approved (g)**

*Prerequisite: Algebra-Prerequisite, STEM Recommended*

**Credential Requirement: Single Subject in Industrial and Technology Education; or Industrial and Technology Education Authorization**

The course was created as an extension of our schools STEM program. It will move students into focused aspects of engineering and robotics. It is a course that is open for sophomores, juniors, and seniors. The focus for this class is to introduce students to the different types of engineering and encourage them to pursue a career in science, technology, engineering, or math. They will learn the basics of computer programming, manufacturing using the engineering design process; ultimately the class will culminate with a robot build and competition. The overall purpose for this course is to introduce students into the field of engineering with an emphasis in robotics.

**NON-UC APPROVED ELECTIVES**

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**ADVANCED COMPUTER LITERACY A- 180217****ADVANCED COMPUTER LITERACY B- 180218**

(Semester) Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement: Single Subject in Business; or Business Authorization**

This course is designed to prepare students for continued education through utilization of current and necessary computer applications, online safety and responsibility, and online collaboration, communication, and research skills. Students will learn advanced skills on Microsoft Word, Excel, and PowerPoint as well as Internet research and other valuable skills for success in current courses, future education and employment success.

**COLLEGE PREP SEMINAR A - 463201****COLLEGE PREP SEMINAR B - 463202**

(Year) Freshman, Sophomore, Junior, Senior

**NOT UC APPROVED**

**Credential Requirement:** Any Single Subject; or Multiple Subject. Multiple Subject can be used to teach Freshman only.

This course is designed to help juniors and seniors enrolled in two or more AP classes prepare for their AP exams as well as college academic and personal life. Students will receive instruction on academic “survival skills” as well as independent living skills. Students will participate in collaborative study groups, student led lessons, peer tutoring, Socratic seminars. In addition, students will learn skills how to successfully advocacy for themselves, and conduct personal interest research.

**COLLEGE READY MATH - 324288**

(Year) Junior

**NOT UC APPROVED**

**Prerequisite:** None

**Credential Requirement:** Single Subject in Foundational-Level Mathematics; or Foundational-Level Mathematic Authorizations, or Single Subject in Mathematics; or Mathematics Authorization

The purpose of this course is to prepare students for the SAT reasoning test. All students in this class will have an in depth understanding of the format of the test, strategies for approaching problems, and the skills and knowledge necessary to perform at a high level that will strengthen a students' eligibility for a variety of colleges and universities. The topics covered will likely be familiar to students but the SAT requires a much higher level of critical thinking skills as well as reading comprehension. Throughout the semester, students will be taking full length practice SATs (math sections only) to assess improvement and to reach individually set goals.

**COLLEGE READY ENGLISH - 321326**

(Year) Junior

**NOT UC APPROVED**

**Prerequisite:** None

**Credential Requirement:** Single Subject in English; or English Authorization

The purpose of this course is to further support 11th grade students in reaching the level of reading and writing ability they will be expected to demonstrate in college courses. It is aligned with the common core English Language Arts standards, and focuses on expository, analytical, narrative, and argumentative reading and writing. There will also be a test prep component with the goal of preparing students for the SAT, SAT II, and ACT college admission tests.

**COLLEGE READY ENGLISH 10A - 321313**

**COLLEGE READY ENGLISH 10B - 321314**

(Year) Sophomore

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

The purpose of this course is to further support 10th grade students in reaching the level of reading and writing ability they will be expected to demonstrate in college courses. It is aligned with the common core English Language Arts standards, and focuses on expository, analytical, narrative, and argumentative reading and writing. There will also be a test prep component with the goal of preparing students for the ACT college admission tests.

**COLLEGE READY SEMINAR A- 420321**

**COLLEGE READY SEMINAR B- 420322**

(Year) Freshman

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Any Single Subject or Multiple Subject

This elective course is designed to prepare students for rigorous college-prep courses by emphasizing collaborative discussion strategies, tutorial inquiry study groups, test taking strategies, Cornell note-taking and research into careers and colleges.

**COMPUTER LITERACY A - 180215**

**COMPUTER LITERACY B – 180216**

(Year) Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Business; or Business Authorization

In this hands-on course, students will learn keyboarding skills, word processing protocols, database management, electronic presentation skills, electronic mail use and etiquette, internet research skills, and current computer terminology. At the completion of this course, students will be prepared to use current computer applications for communication and research in college & the in workforce.

**KEYBOARDING AND COMPUTER LITERACY**

**- 321303**

(Semester) Junior, Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Business; or Business Authorization

Students will learn keyboarding and develop proficiency in Word, Excel, PowerPoint and Publisher. Students will develop skills necessary for success in high school and college.



**LEARNING RESOURCE LAB A - 460412**

**LEARNING RESOURCE LAB B - 460413**

(Year) Freshman, Sophomore, Junior, Senior

**NOT UC APPROVED**

**Credential Requirement:** Education Specialist Instruction Mild/Moderate; or Education Specialist Instruction Moderate/Severe

This class is divided into components that address student needs in the areas of math, language, reading, and oral communication skills and the expected school-wide learning results. The goal of this class is to help students with special needs be successful in the general education program, by helping them understand their specific learning styles and to compensate for their needs with the use of academic, behavioral, technology supports.

**PEER MEDIATION A - 371203**

**PEER MEDIATION B - 371204**

(Year) Senior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Any Single Subject

This course is designed to develop students' leadership qualities, hone their communication skills, and deepen their understanding of themselves and others. In addition, students will acquire and practice mediation skills so that they can become informed and active "peace-makers" in the community.

**RESOURCE LAB A - 460403**

**RESOURCE LAB B - 460404**

(Year) Freshman

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Education Specialist Instruction Mild/Moderate; or Education Specialist Instruction Moderate/Severe

This class is divided into components that address student needs in the areas of math, language, reading, and oral communication skills, as indicated in the California Content Standards and the expected school-wide learning results. The goal of this class is to help students with special needs be successful in the general education program, by helping them understand their specific learning styles and to compensate for their weaknesses with the use of accommodations.

**RESOURCE LAB 2A - 460405**

**RESOURCE LAB 2B - 460406**

(Year) Sophomore

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Education Specialist Instruction Mild/Moderate; or Education Specialist Instruction Moderate/Severe

This class is divided into components that address student needs in the areas of math, language, reading, and oral communication skills, as indicated in the California Content Standards and the expected school-wide learning results. The goal of this class is to help students with special needs be successful in the general education program, by helping them understand their specific learning styles and to compensate for their weaknesses with the use of accommodations.

**RESOURCE LAB 3A - 460407****RESOURCE LAB 3B - 460408**

(Year) Junior

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Education Specialist Instruction Mild/Moderate; or Education Specialist Instruction Moderate/Severe

This class is divided into components that address student needs in the areas of math, language, reading, and oral communication skills, as indicated in the California Content Standards and the expected school-wide learning results. The goal of this class is to help students with special needs be successful in the general education program, by helping them understand their specific learning styles and to compensate for their weaknesses with the use of accommodations.

**RESOURCE LAB 4A - 460409****RESOURCE LAB 4B - 460410**

(Year) Seniors

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Education Specialist Instruction Mild/Moderate; or Education Specialist Instruction Moderate/Severe

This class is divided into components that address student needs in the areas of math, language, reading, and oral communication skills, as indicated in the California Content Standards and the expected school-wide learning results. The goal of this class is to help students with special needs be successful in the general education program, by helping them understand their specific learning styles and to compensate for their weaknesses with the use of accommodations.

**SUMMER BRIDGE ENGLISH 9 HS- 460105**

(Year) Freshmen

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in English; or English Authorization

This course will cover specific English Language Arts standards in preparation for high school English 9. This class is intended to give students a “head start” on their ninth grade curriculum, and support their transition from middle to high school.

**SUMMER BRIDGE MATH 9 HS- 460106**

(Year) Freshmen

**NOT UC APPROVED**

*Prerequisite: None*

**Credential Requirement:** Single Subject in Foundational-Level Mathematics or Foundational-Level Mathematic Authorizations, or Single Subject in Mathematics or Mathematics Authorization

This course will cover specific math standards in preparation for high school Algebra. This class is intended to give students a “head start” on their ninth grade curriculum, and support their transition from middle to high school.

## ONLINE COURSES

Alliance High Schools currently use the following five online course providers to award the listed online courses high school credit. Please note that individual High Schools must submit and have all UC approved courses from online providers in their own individual UC Course List through doorways. Also, note that courses identified as UC approved are as of date that catalogue is published, to ensure latest UC approval status please verify at UC CMP website.

1. **Accelerated Education** - <http://www.accelerate-ed.com/onlinecourse>
2. **Apex Learning** - <http://www.apexlearning.com/>
3. **Fueleducation (formerly Aventa Learning)** <http://aventalearning.com/>
4. **Cyber High School** - [www.capassprogram.org](http://www.capassprogram.org)
5. **Scout by University of California** <http://www.ucscout.org/>

The above list of online vendors is not an exhaustive list of UC approved vendors; a complete list can be found here:

<https://doorways.ucop.edu/list/app/institutionSearch-flow?execution=e1s1>

All online coursework is designated on our Alliance transcripts with "ONLINE" prefacing the course provider and the course name.

**Important Note:** UC will **NOT** accept any online courses in the areas of visual and performing arts (VPA) or laboratory science, unless science courses require an on-site wet lab component.

**\*NO VPA COURSES ARE OFFERED BY ALLIANCE SCHOOLS**

### ONLINE LEARNING LAB A - 460605

### ONLINE LEARNING LAB B - 460606

(Semester or Year) Freshman, Sophomore, Junior, Senior

*Prerequisite: None*

#### NOT UC APPROVED

This course is a semester or year-long, non-credit bearing or grade awarding placeholder course. Students enrolled in Online Learning Lab are taking a variety of different online courses to meet "a-g" Alliance graduation requirements (Either as initial course work or as credit recovery). Logistically, online provider awarded grades will be placed on the student's transcript noting the online vendor's name & course name (Example: Online Apex-Psychology A-).

#### ONLINE LEARNING LAB POLICY- July 2012

High schools offering Online Learning Lab will follow the PowerSchool & Pinnacle policy:

#### POWER SCHOOL

##### SCHEDULING

As stated in the Alliance HS Course Catalogue, Online Learning Lab is a placeholder course (non-credit & non-grade bearing). This course name is used for the sole purpose of scheduling; allowing schools to have students take a variety of different online courses during the same period.

##### HISTORICAL GRADES FOR ONLINE COURSES

Schools offering Online Learning Lab will complete the Alliance Online Learning Lab Grade Spreadsheet at the end of each semester and submit to Russell Ng to upload into PowerSchool. This process will populate final grades, credits and the Alliance online course approved specific class name into each student's PowerSchool historical grades/transcript

*\*NOTE - The Alliance Online Learning Lab Grade Spreadsheet is available on the Alliance Counselor*

Wordpress under **Course Approval** page>

**Supporting Documents** header:

<http://alliancecounselors.wordpress.com/alliance-uc-ap-ncaa-course-approval/>

- **PINNACLE**

The designated Online Learning Lab teacher will not enter grades into Pinnacle, hence students will not receive any course progress report for Online Learning Lab

## ONLINE VENDOR - Accelerate Education

### **English Language Arts**

Online Acc.Ed-Language Arts 9 A- **881001**

Online Acc.Ed-Language Arts 9 B- **881002**

Online Acc.Ed-Language Arts 10 A- **881003**

Online Acc.Ed-Language Arts 10 B- **881004**

Online Acc.Ed-Language Arts 11 A- **881005**

Online Acc.Ed-Language Arts 11 B- **881006**

Online Acc.Ed-Language Arts 12 A- **881007**

Online Acc.Ed-Language Arts 12 B- **881008**

### **Mathematics**

Online Acc.Ed-Algebra 1A- **881009**

Online Acc.Ed-Algebra 1B- **881010**

Online Acc.Ed-Algebra 2A- **881011**

Online Acc.Ed-Algebra 2B- **881012**

Online Acc.Ed-Geometry 1A- **881013**

Online Acc.Ed-Geometry 1B- **881014**

Online-Accelerate Integrated Math 1A- **882081**

Online-Accelerate Integrated Math 1B- **882081**

Online-Accelerate Integrated Math 2A- **882083**

Online-Accelerate Integrated Math 2B- **882084**

### **Laboratory Science**

Online Acc.Ed-Biology A- **881015**

Online Acc.Ed-Biology B- **881016**

*\*Wet Lab Component must be taught as an in person, teacher led course as required by the University of California's Articulation Department*

### **History/Social Science**

Online Acc.Ed-World History A- **881017**

Online Acc.Ed-World History B- **881018**

Online Acc.Ed-American History A- **881019**

Online Acc.Ed-American History B- **881020**

Online Acc.Ed.-American Government A- **881021**

Online Acc.Ed-Economics B- **881022**

### **Language Other Than English (LOTE)**

Online Acc.Ed-Spanish 1A- **881023**

Online Acc.Ed-Spanish 1B- **881024**

Online Acc.Ed-Spanish 2A- **881025**

Online Acc.Ed-Spanish 2B- **881026**

Online Acc.Ed-Spanish 3A- **882063**

Online Acc.Ed-Spanish 3B- **882064**

### **Non-UC Approved Courses**

Online Accelerate Health A- **882070**

Online Accelerate Health B- **882071**

Online Accelerate Physical Education- **882069**

## ONLINE VENDOR - Apex Learning

### **English Language Arts**

Online Apex-English 9A Common Core- **883030**

Online Apex-English 9B Common Core- **883031**

Online Apex-English 10A Common Core- **883032**

Online Apex-English 10B Common Core- **883033**

Online Apex-English 11A Common Core- **882204**  
Online Apex-English 11B Common Core- **882205**

Online Apex-English 12A Common Core- **882206**  
Online Apex-English 12B Common Core- **882207**

Online Apex-AP English Lang. and Comp. A  
**882120**

Online Apex-AP English Lang. and Comp. B  
**882121**

Online Apex-AP English Lit and Comp A -  
**883035**

Online Apex-AP English Lit and Comp B -  
**883036**

### **History/Social Science**

Online Apex-World History Since the  
Renaissance A- **882011**

Online Apex-World History Since the  
Renaissance B- **882012**

Online Apex- United States History A- **882045\***

Online Apex- United States History B- **882046\***  
*\*This course is **NOT** UC/CSU approved (US History  
Since the Civil War is UC Approved)*

Online Apex- U.S. History since the Civil War A-  
**882052**

Online Apex- U.S. History since the Civil War B-  
**882053**

Online Apex- U.S. Government and Politics-  
**883042**

Online Apex-Psychology A- **882005**

Online Apex-AP Psychology A- **882009**

Online Apex AP Psychology B- **882010**

### **Mathematics**

Online Apex-Algebra 1A Common Core **882100**

Online Apex-Algebra 1B Common Core **882100**

Online Apex-Algebra 2A Common Core **882102**

Online Apex-Algebra 2B Common Core **882103**

Online Apex-Geometry 1A Common Core  
**882104**

Online Apex-Geometry 1B Common Core  
**882105**

Online Apex-Mathematics II Common Core A  
**324290**

Online Apex-Mathematics II Common Core B  
**324291**

Online Apex-Pre-Calculus A- **882049**

Online Apex-Pre-Calculus B- **882050**

### **Laboratory Science**

Online Apex-Biology A- **882031**

Online Apex-Biology B- **882032**

*\*Wet Lab Component must be taught as an in person,  
teacher led course as required by the University of  
California's Articulation Department*

Online Apex- Chemistry A- **882607\***

Online Apex- Chemistry B- **882608\***

*\*Wet Lab Component must be taught as an in person,  
teacher led course as required by the University of  
California's Articulation Department*

Online Apex-AP Chemistry A- **882033\***

Online Apex-AP Chemistry B- **882034\***

*\*This course is **NOT** UC/CSU approved*

### **Language Other Than English (LOTE)**

Online Apex-Spanish 1 A- **882013**

Online Apex-Spanish 1 B- **882014**

Online Apex-Spanish 2 A- **884003**

Online Apex-Spanish 2 B- **884004**

Online Apex-Spanish Honors 2 A- **882015\***

Online Apex-Spanish Honors 2 B- **882016\***

*\*This course is **NOT** UC/CSU approved*

Online Apex-Spanish 3 A- **882037**

Online Apex-Spanish 3 B- **882038**

Online Apex-AP Spanish Language A- **882017**

Online Apex-AP Spanish Language B- **882018**

Online Apex-French 2 A- **882019**

Online Apex-French 2 B- **882020**

### **College-Prep Elective**

Online Apex-Creative Writing-**883034**

Online Apex-Geography and World Cultures A- **882021**

Online Apex-Geography and World Cultures B- **882022**

Online Apex-Art Appreciation A- **882023\***

*\*This course does **NOT** count as a UC/CSU approved  
Visual Performing Art (VPA)*

Online Apex-Music Appreciation A- **882025\***

Online Apex-Music Appreciation B- **882026\***

*\*This course is **NOT** UC/CSU approved*

Online Apex-US and Global Economics- **882057**

### **Non-UC Approved Courses**

Online Apex-College and Career Preparation A- **882039**

Online Apex-College and Career Preparation B- **882040**

Online Apex-Math Foundations- **310251**

Online Apex-Science Foundations A-**883040**

Online Apex-Science Foundations B-**883041**

Online Apex- Skills for Health **882051**

ONLINE VENDOR – Fuel Education  
(formerly Aventa Learning)

**English**

**History/Social Science**

**Laboratory Science**

**Mathematics**

ONLINE VENDOR - Scout

ONLINE VENDOR - Cyber High School

Online Cyber HS-Geometry A- **884001**

Online Cyber HS-Geometry B- **883002**

## **ENTERING HISTORICAL GRADES IN TO POWER SCHOOL**

See the "[Entering Historical Grades](#)" document on Alliance+ detailing the process of importing grades from foreign or domestic schools outside of Alliance in to Power School. Also, note that the "[Credit Hour Conversion \(GPA Points\)](#)" template should be used to calculate the correct amount of GPA points for courses that are anything but 5 credits. These GPA points calculate a student's GPA and subsequently affect school rankings.