



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

HIGH SCHOOL
COURSE CATALOGUE
2018-2019

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

www.laalliance.org

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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 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).
- ❑ Passage of the UC and CSU A-G requirements as noted below.
 - ❑ For each subject, students must complete all classes and credits to satisfy the A-G requirements listed above (including any subject specific requirements), regardless of the number of units it requires of the student. For example, a student may have to take 4 years of math (though the A-G and Alliance high school requirement noted above is 3 years) in order to cover all the topics required by the A-G math requirement. Refer to the UC A-G website for specific details on each subject requirement.
- ❑ In addition to the required A-G history/social science course sequence, all students must complete 1 semester course in American Government & Civics, and 1 semester course in Economics. Alliance high schools have determined that these courses must also be A-G approved.
- ❑ UC’s undergraduate admissions requirements mandate students complete 11 out of 15 A-G courses by the end of the 11th grade.

At the discretion of the principal, Alliance high schools may require students to complete community service requirements in order to participate in graduation activities.

Students who are unsuccessful in meeting the Alliance 230 credit “a-g” high school graduation requirement are ineligible to participate in graduation, and may return to their high school and will be designated as a 5th year senior.

UC and CSU A-G Requirements	
Subject	Requirements
(a) History-Social Science	1 year of U.S. History 1 year of World History
(b) English Language Arts	4 years of college preparatory English
(c) Mathematics	3 years of college preparatory Mathematics (Integrated Math 1, Integrated Math 2, Integrated Math 3, Pre-Calculus, Calculus or Statistics); 4 years recommended.
(d) Laboratory Science	2 years of Laboratory Science, one physical and one biological; 3 years strongly recommended
(e) Language other than English	2 years of the same language other than English
(f) Visual and Performing Arts	1 year chosen from dance, music, theater or the visual arts
(g) College Preparatory Elective	1 year of additional academic electives (e.g., third year of science or foreign language, fourth year of math, social science, advanced visual or performing arts)

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]
A-G UC/CSU Requirements	Advisory [5]	Advisory [5]	Advisory [5]	*Advisory [5]
(a) History / Social Science - 2 yrs required: - 20 credits	Pre-AP World History and Geography*	(a) World History, Cultures, and Historical Geography [10]	(a) U.S. History [10]	(g) American Government (sem.) [5] & Economics (sem.) [5]
(b) English/Language Arts - 4 yrs required: - 40 credits	(b) Common [10] Core English 9 OR Common Core English 9 Honors OR Pre-AP English 1*	(b) Common [10] Core English 10 OR Common Core English 10 Honors	(b) Common [10] Core English 11 OR AP English Language	(b) Common [10] Core English 12 OR AP English Literature OR AP English Language
(c) Math - 3 yrs required (4 recommended) - 30 credits	(c) Integrated [10] Math 1 OR (c) Integrated Math 2	(c) Integrated [10] Math 2 OR (c) Integrated Math 3 OR (c) Honors Integrated 3	(c) Integrated [10] Math 3 OR (c) Pre-Calculus OR (c) Honors Integrated 3 OR (c) AP Calculus AB	(g) Pre-Calculus[10] OR AP Calculus AB OR AP Calculus BC OR AP Statistics OR Statistics OR Quantitative Reasoning with Statistics
(d) Laboratory Science - 2 yrs required (3 recommended) - 20 credits <i>- May not be offered online unless wet lab is offered</i>	(d) The Living Earth (10) or Pre-AP Biology*	(d) Chemistry in Earth Systems	(d) Physics of the Universe	
(e) Language other than English - 2 yrs required - 20 credits	(e) Spanish 1 [10] <i>Or Certification Or Other language</i>	(e) Spanish 2 [10] <i>Or Certification Or Other language</i>	(g) Spanish 3 [10] <i>OR Elective</i>	(g) Spanish 4 [10] <i>OR Elective</i>

(f) Visual / Performing Arts - 1 yr required - 10 credits - <i>May not be offered online</i>			(f) Music, Dance, Drama, or Art [10]	<i>(f)VPA or (g) Elective</i>
(g) College Prep Elective - 1 yr (2 semesters) - 10 credits (g) courses				
Physical Education - offered/not required grades 9,10	PE/*Health [10] Or Elective	PE/*Life Skills [10] Or Elective		
Other Electives	Academic Support Elective: [10] English, Math			Community Service Project [Via Advisory]

*For the 2018-19 school year, a few Alliance high schools are participating in the Pre-AP course pilot

PRE-AP COURSE PILOT- COURSE SELECTION GUIDELINES

Background Information

College Board has a three year rollout plan for its Pre-AP program. College Board is beginning the program in year one (SY 2018-19) with a small number of schools (12 in California; ~100 nationally) in order to ensure that they learn, adapt, and develop the program in the most effective way possible to ensure it is as robust an offering as possible for the full roll-out in year three (SY 2020-21). In year one (SY 2018-19) the following courses are available to schools in the pilot at Alliance: Pre-AP English 1, Pre-AP Biology, Pre-AP World History and Geography, and Pre-AP Visual and Performing Arts. By SY 2020-21, the Pre-AP course list will expand and the courses will become available to all schools, and not just those who applied and were selected into the Pre-AP Pilot.

Five Alliance College-Ready Public Schools applied and were accepted into the Pre-AP College Board Pilot.

Pre-AP Course Selection Guidance for SY 2018-19 (*only relevant to schools in Pre-AP Pilot*)

Pre-AP Courses listed in this course catalog will have the same course number as its core a-g approved class equivalent (i.e. Pre-AP English 1 and CC English 9 AB will both have the same course number) and should appear on student transcripts as the core a-g approved class equivalent (i.e. *Course title in PowerSchool will still be "Common Core English 9A/9B" until SY2020-21*). This is due to a UC course approval policy, which requires that courses be offered to every school throughout California before UC grants statewide course approval.

UC will grant retroactive approval for Pre-AP courses offered in SY2018-19 and SY2019-20 in the 2020-2021 course submission period, which is when the courses will be available statewide. This means that once the College Board submits all Pre-AP courses for approval, UC will honor retroactive approval for the Pre-AP courses and Alliance students in the pilot program receive "a-g" credit for the Pre-AP course. At that point, the Pre-AP course will officially appear in students' transcripts.

ENGLISH LANGUAGE ARTS

Introduction

Alliance College-Ready Public Schools is committed to providing all scholars that graduate from an Alliance school with the literacy knowledge, skills, and abilities needed to:

- Read closely and analytically a range of complex literary and informational grade-level texts.
- Produce effective and well-grounded writing for a range of purposes and audiences.
- Employ effective speaking and listening skills for a range of purposes and audiences.
- Engage in research/inquiry to investigate topics and to analyze, integrate, and present information.

ELA Course Recommendations

To achieve our goal of ensuring every Alliance scholar graduates and enrolls in a college-level English course, the Literacy Content Team recommends the following course pathways that will prepare every scholar in our network for success on the Smarter Balanced ELA/Literacy Summative Assessment (SBAC) and the Scholastic Achievement Test (SAT). Additionally, the team recommends a course pathway for scholars who demonstrate advanced abilities in ELA to be successful on the Advanced Placement exam in English Language and Literature.

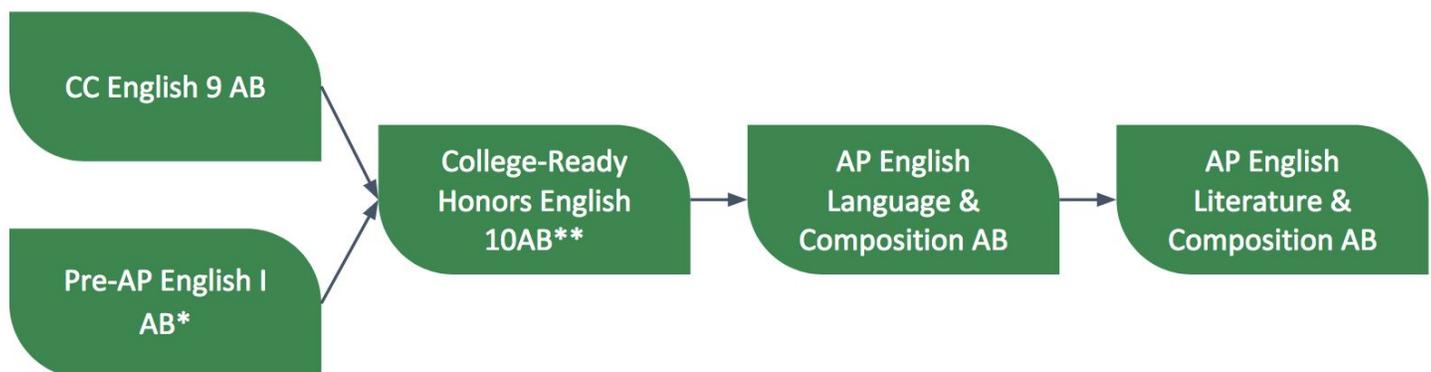
High School – Traditional Pathway

As part of the “a-g” course requirements for California, every scholar should enroll and successfully complete a full year of each of the following ELA courses, which fulfills the “b” requirement. Performance should be monitored through Alliance Interim Assessments, classroom performance, attendance, and Smarter Balanced interim and summative assessments.



High School – Advanced Placement Pathway

For scholars who demonstrate advanced abilities in ELA as evidenced by performance on Smarter Balanced ELA/Literacy Summative Assessment in Grade 8, schools should offer the Advanced Placement Pathway that prepares scholars for success on the AP exams in English Language & Composition and English Literature & Composition.



*For the 2018-19 school year, a few Alliance high schools are participating in the Pre-AP course pilot, which begins with Pre-AP English I AB for Grade 9. For schools that want to enroll in the pilot for the 2019-20 school year, please consult the following website: <https://pre-ap.collegeboard.org/about/timeline>

**For schools in the Pre-AP course pilot, Pre-AP English 2 AB for 10th grade will be offered in the 2019-20 school year.

For schools **not** participating in the Pre-AP pilot, scholars who are interested in the Advanced Placement Pathway should enroll and complete Grade 9 – College-Ready English 9 AB with exceptional performance on Alliance Interim Assessments and classroom work. Then, enroll and demonstrate exceptional performance on Alliance Interim Assessment and classroom work in Grade 10 – College-Ready Honors English AB prior to enrolling in AP courses.

NOTE: UC-approved courses in Advanced Placement English do receive UC Honors designation.

The Early Assessment Program (EAP) and Grade 12 Course Placement

The Early Assessment Program (EAP) measures scholars' English skills at the end of their junior year to let you know in advance if they are ready for college level work and what the school can do to prepare them during their senior year. When scholars take the California Assessment of Student Performance and Progress (CAASPP) exam in English-Language Arts they will receive an EAP status before the beginning of their senior year informing whether or not they are ready to enroll in for-credit English courses. If scholars are not ready, they can take advantage of their senior year to prepare.

SBAC ACHIEVEMENT LEVEL	EAP STATUS	MEANS	SCHOLARS SHOULD ENROLL IN....	HOW IT WILL IMPACT SCHOLARS
Level 1	Not Yet Ready	Not Exempt – Required to Participate in Early Start Program.	CC ELA 12AB	Must complete course to earn “a-g” requirement and will have to enroll in CSU Early Start program.
Level 2	Not Ready			
Level 3	Conditionally Ready	Must pass an approved yearlong course with a C- or better for exemption.	AP English Literature and Composition <i>If not taken in 11th grade</i> , AP English Language & Composition	Must enroll and obtain a grade of “C-” or better in order to be exempt from remediation.
Level 4	Ready	Exempt, may enroll in college-level coursework upon college admission	AP English Literature and Composition <i>If not taken in 11th grade</i> , AP English Language & Composition	Must complete one more year of ELA to earn “a-g” requirement.

A Note About Expository Reading & Writing Course (ERWC):

Traditionally, scholars who earned a “Conditionally Ready” EAP designation would enroll in the ERWC course for Grade 12. However, the UC/CSU system is currently reviewing its exemption program which means scholars do not need to enroll in ERWC to earn exemption. The Literacy Content Team recommends enrolling scholars who earned a Level 3 on SBAC ELA/Literacy Summative Assessment in AP English Language & Composition their senior year. The AP English Language course provides scholars with a greater opportunity to prepare for the demands of college-level English than the ERWC course. Additional information regarding this course can be found by following this [link](#).

Support Courses/Electives and “G” Requirement:

Courses in speech, debate, creative writing or journalism typically do not meet the criteria for approval in the “b” subject area, but may meet the criteria for approval in the elective (“g”) subject area. In order for these courses to be approved in the “g” subject area, they must include elements of reading, writing, listening and speaking.

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.

ELA Courses

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. 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

In CC English 9, scholars develop their reading, writing and communication skills in alignment with CCSS for ELA/Literacy. As readers, scholars read a variety of classic, contemporary and multicultural texts (ex: essays, myths, non-fiction, novels, plays, poems, and short stories) and apply analytic and critical thinking skills to their interpretation. Writing instruction extends scholars’ understanding of the writing process in the development of informational and argumentative writing forms. Scholars engage in a variety of speaking and listening activities such as classroom discussions, evaluating point of view, and presenting to the class.

PRE-AP ENGLISH 1A- [Use CC English 9A Course #]

PRE-AP ENGLISH 1B- [Use CC English 9A Course #]

ONLY available for schools selected by College Board

Course title in PowerSchool is still “Common Core English 9A/9B” until SY2020-21

(Year) Freshman only

UC Approval Pending (b)

Prerequisite: None

Credential Requirement: Single Subject in English; or English Authorization

Pre-AP ELA focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Texts take center stage in the Pre-AP ELA classroom, where students will prepare for close, critical reading of a wide range of materials. The course trains the reader to observe the small details within a text in order to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing in order to facilitate complex thinking and to communicate ideas clearly.

***NOTE for PRE-AP ENGLISH 1:** this course is not yet a UC approved course, so therefore Alliance schools participating in the Pre-AP Pilot will technically enroll students into the CC English 9 course. CC English 9 should be the course appearing on student transcripts. For more information please see [Pre-AP Pilot- Course Selection Guidelines](#).

COMMON CORE ENGLISH HONORS 9A- 321304

COMMON CORE ENGLISH HONORS 9B- 321305

(Year) Freshman

UC Approved (b)

Prerequisite: None

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

Scholars in English 10 build on their CCSS aligned reading, writing, and communication skills. Scholars read broadly and engage in critical analysis and discussion of variety of literary and informational texts, including world and multicultural texts. As writers, scholars deepen their informational and argumentation and research writing skills when they solidify their understanding of the writing process to produce well-organized and well-supported writing projects that address a clear target audience. Scholars further refine their speaking and listening skills through classroom discourse, collaborative projects, and presentations.

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

English 11 scholars read widely from foundational and contemporary works of American literature, as well as nonfiction texts of historical or literary significance. (ex: essays, poetry, short stories, novels, historic speeches, and other informational texts). As scholars explore trends and traditions in American literature, analytical reading instruction will extend scholars' understanding of literary devices, elements, and language. Scholars continue to write in a variety of styles – informational and argumentative – with greater sophistication, as well as engage in effective discourse, collaboration, and reflection on learning. English 11 provides scholars with the final preparations for Smarter Balanced and additional college-readiness assessments.

COMMON CORE ENGLISH HONORS 11A- 321308

COMMON CORE ENGLISH HONORS 11B- 321309

(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

College-ready scholars in English 12 continue to build upon their knowledge of language and literature with continued practice critically reading classic and contemporary texts with universal and timeless themes. From medieval classics to essays that reflect current public discourse, scholars immerse themselves in the issues and conversations that have stood the test of time. Additionally, scholars push themselves to write clearer, more polished writings in a variety of modes and for a variety of audiences. English 12 provides scholars with the final preparations for their continued success in college-level English coursework and beyond.

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.

AP ENGLISH LANGUAGE & COMPOSITION A – 230125

AP ENGLISH LANGUAGE & COMPOSITION B - 230126

(Year) Junior & Senior

UC Approved (b)

Credential Requirement: Single Subject in English; or English Authorization

An AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres (e.g., memos, letters, advertisements, political satires, personal narratives, scientific arguments, cultural critiques, research reports).

Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g., vocabulary, diction, syntax, spelling, punctuation, paragraphing, genre). The course helps students understand that formal conventions of the English language in its many written and spoken dialects are historically, culturally, and socially produced; that the use of these conventions may intentionally or unintentionally contribute to the effectiveness or ineffectiveness of a piece of writing in a particular rhetorical context; and that a particular set of language conventions defines Standard Written English, the preferred dialect for academic discourse.

AP ENGLISH LITERATURE & COMPOSITION A - 230117

AP ENGLISH LITERATURE AND COMPOSITION B - 230118

(Year) Junior & Seniors

UC Approved (b)

Credential Requirement: Single Subject in English; or English Authorization

The AP English Literature and Composition course engages scholars in the careful reading and critical analysis of imaginative literature and is intended to give scholars the experience of a typical introductory college literature course. Through the close reading of selected texts, scholars deepen their understanding of the ways writers use language to create meaning. It includes intensive study of representative works from various genres, periods, and cultures, concentrating on works of recognized literary merit. Scholars will learn to read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Scholars learn to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. Scholars will also learn to consider the social and historical values a work reflects and embodies. Writing is also an integral part of the AP English Literature and Composition course. Writing assignments in the course will address the critical analysis of literature and will include expository, analytical, and argumentative essays. In addition, creative-writing assignments will help scholars see from the inside how literature is written. The goal of both types of writing assignments is to increase scholars' ability to explain clearly and cogently what they understand about literary works and how they interpret them.

COMMON CORE ENGLISH 9 WITH SDAIE A - 321351

COMMON CORE ENGLISH 9 WITH SDAIE B - 321352

(Year) Freshman

UC Approved (b)

Credential Requirement: Single Subject in English; or English Authorization

In Common Core English 9 with SDAIE, scholars develop their reading, writing and communication skills in alignment with CCSS and SBAC for ELA/Literacy with the support of SDAIE strategies. This course is specifically for English Learners. As readers, scholars read a variety of classic, contemporary and multicultural texts (ex: essays, myths, non-fiction, novels, plays, poems, and short stories) and apply analytic and critical thinking skills to their interpretation. Writing instruction extends scholars' understanding of the writing process in the

development of informational and argumentative writing forms. Scholars engage in a variety of speaking and listening activities such as classroom discussions, evaluating point of view, and presenting to the class. Additional SDAIE strategies will be used to scaffold and support the writing process.

COMMON CORE ENGLISH 10 WITH SDAIE A - 321353

COMMON CORE ENGLISH 10 WITH SDAIE B - 321354

(Year) Sophomore

UC Approved (b)

Credential Requirement: Single Subject in English; or English Authorization

Scholars in Common Core English 10 with SDAIE build on their CCSS and SBAC aligned reading, writing, and communication skills with the support of SDAIE Strategies. Scholars read broadly and engage in critical analysis and discussion of variety of literary and informational texts, including world and multicultural texts. As writers, scholars deepen their informational, argumentation, and research writing skills when they solidify their understanding of the writing process. Students produce well-organized and well-supported writing projects that address a clear target audience. Scholars further refine their speaking and listening skills through classroom discourse, collaborative projects, and presentations. Additional SDAIE strategies will be used to scaffold and support the writing process.

COMMON CORE ENGLISH 11 WITH SDAIE A - 321355

COMMON CORE ENGLISH 11 WITH SDAIE B - 321356

(Year) Junior

UC Approved (b)

Credential Requirement: Single Subject in English; or English Authorization

In Common Core English 11 with SDAIE, scholars read widely from foundational and contemporary works of American literature, as well as nonfiction texts of historical or literary significance (ex: essays, poetry, short stories, novels, historic speeches, and other informational texts) with the support of SDAIE Strategies. This course is specifically for English learners. As scholars explore trends and traditions in American literature, analytical reading instruction will extend scholars' understanding of literary devices, elements, and language. scholars continue to write in a variety of styles – informational and argumentative – with greater sophistication, as well as engage in effective discourse, collaboration, and reflection on learning. English 11 provides scholars with the final preparations for Smarter Balanced and additional college-readiness assessments. Additional SDAIE strategies will be used to scaffold and support the writing process.

English Electives

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-attack 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.

AVID 9A - 180211

AVID 9B - 180212

(Year) Freshman

UC Approved (g)

Prerequisite: None

Credential Requirement: Any Single Subject Credential

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth.

The ninth grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

AVID 10A - 180213

AVID 10B - 180214

(Year) Sophomore

UC Approved (g)

Prerequisite: AVID 9 recommended (not required)

Credential Requirement: Any Single Subject Credential

Read AVID 9 for basics on this course. During the tenth grade AVID Elective course, students will refine the

AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyze various documents, in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

AVID 11A - 180233

AVID 11B - 180234

(Year) Junior

UC Approved (g)

Prerequisite: AVID 10 Recommended (Not required)

Credential Requirement: Any Single Subject Credential

Read AVID 9 for basics on the course. The eleventh grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. This course is organized around the theme of “Leadership as a Catalyst for Change in Society.” Students study, in depth, exceptional leaders in contemporary society and examine the effect these individuals have had on culture, politics, education, history, science and the arts. The course requires that students read essays, speeches, articles and letters by these leaders, as well as at least one full-length work by the leader or about the leader. Also, each student is required to conduct a research project that is presented in the senior year. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

AVID 12A - 180235

AVID 12B - 180236

(Year) Senior

UC Approved (g)

Prerequisite: AVID 11 Recommended (Not required)

Credential Requirement: Any Single Subject Credential

Read AVID 9 for basics on the course. The AVID Elective twelfth grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. This course continues around the theme of “Leadership as a Catalyst for Change in Society.” Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.

NON-UC ELA ELECTIVES

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.

MATHEMATICS

Introduction

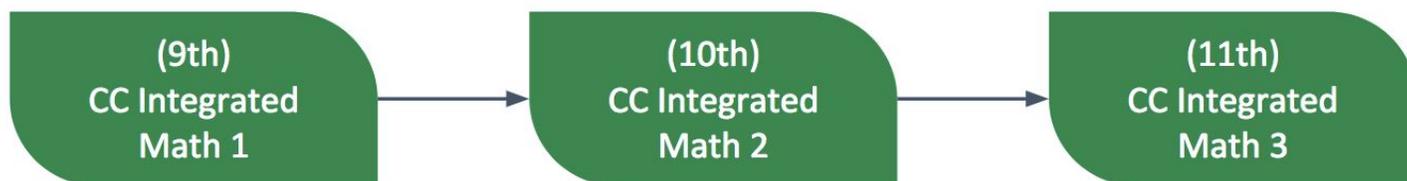
Alliance College-Ready Public Schools is dedicated to providing mathematic courses that best prepare students academically for college and life. We want to deemphasize offering courses for procedural reasons like college placement tests/programs (i.e. Early Start) since Cal States are moving away from that system. These decisions are grounded in [Appendix A](#)'s recommendations on designing high school math courses for the Common Core.

Math Course Recommendations

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.

High School- Traditional Pathway

As part of the “a-g” course requirements for California, every scholar should enroll and successfully complete a full year of each of the following Math courses, which fulfills the “b” requirement. Performance should be monitored through Alliance Interim Assessments, classroom performance, attendance, and Smarter Balanced interim and summative assessments.



4th Year Math Course Recommendations- College-Ready Pathway	
Course	Why Take This Course?
AP Statistics	For students who do not plan on pursuing a STEM field, but want to earn college credit.
Quantitative Reasoning with Statistics*	For students who do not plan on pursuing a STEM field and opt into this course.
Statistics	For students who do not plan on pursuing a STEM field and AP Statistics is not offered.
Pre-Calculus	For students who want to pursue a STEM field, but who have not taken the prerequisites for AP Calculus.

*This class is only offered by schools that have a partnership with Cal State Dominguez Hills.

High School- Accelerated Pathways

Just as care should be taken not to rush the decision to accelerate students, care should also be taken to provide more than one opportunity for acceleration. Some students may not have the preparation to enter a “Compacted Pathway” but may still develop an interest in taking advanced mathematics, such as AP Calculus or AP Statistics in their senior year. A combination of these methods and our suggested compacted sequences would allow for the most mathematically-inclined students to take advanced mathematics courses during their high school career.

Accelerating Students to AP Calculus		
Pathway 1	Pathway 2	Pathway 3
Accelerated in MS		NOT Accelerated in MS
9th Grade- <i>Integrated 2</i>	9th Grade- <i>Integrated 2</i>	9th Grade- <i>Integrated 1</i>
10th Grade- <i>Integrated 3</i>	10th Grade- <i>Honors Integrated 3*</i>	10th Grade- <i>Integrated 2</i>
11th Grade- <i>Pre-Calculus</i>	11th Grade- <i>AP Calculus AB</i>	11th Grade- <i>Honors Integrated 3*</i>
12th Grade- <i>AP Calculus AB</i>	12th Grade- <i>AP Calculus BC</i>	12th Grade- <i>AP Calculus AB</i>

*Integrated 3 & Pre-Calculus. Note that this class may require a class in the summer to have enough time to cover both material.

- **Pathway 1-** For students who were accelerated in middle school that plan on taking AP Calculus AB their senior year.
- **Pathway 2-** For students who were accelerated in middle school that plan on taking AP Calculus BC their senior year.
- **Pathway 3-** For students who were **NOT** accelerated in middle school.

The Early Assessment Program (EAP) and Grade 12 Course Placement

The Early Assessment Program (EAP) measures scholars’ math skills at the end of their junior year to let you know in advance if they are ready for college level work and what the school can do to prepare them during their senior year. When scholars take the California Assessment of Student Performance and Progress (CAASPP) exam in Mathematics they will receive an EAP status before the beginning of their senior year informing whether or not they are ready for college-level courses. If scholars are not ready, they can take advantage of their senior year to prepare.

SBAC ACHIEVEMENT LEVEL	EAP STATUS	MEANS	SCHOLARS SHOULD ENROLL IN....	HOW IT WILL IMPACT SCHOLARS
Level 1	Not Yet Ready	Not Exempt – Required to Participate in Early Start Program.	Any recommended 4th year math course	Will have to enroll in CSU Early Start program.
Level 2	Not Ready			

Level 3	Conditionally Ready	Must pass an approved yearlong course with a C- or better for exemption.	Pre-Calc, AP Calc AB/BC, AP Stats	Must enroll and obtain a grade of "C-" or better in order to be exempt from remediation.
Level 4	Ready	Exempt, may enroll in college-level coursework upon college admission	AP Calc AB/BC, AP Stats	Potentially college credit

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. 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; or Single Subject in Foundational-Level Mathematics or Foundational-Level 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.

CC INTEGRATED MATH 4 - 324321**CC INTEGRATED MATH 4 - 324322**

(Year) Senior

UC Approved (c)

Prerequisite: IM3

Credential Requirement: Single Subject in Mathematics; or Mathematics Authorization

Integrated Math 4 is a two-semester course that is designed for students who have completed the first three integrated math courses and want an alternative to Advanced Placement Calculus. The topics covered in Integrated Math 4 will extend student's knowledge in the domains of Algebra, Functions, Geometry, Statistics, and Probability. The mathematical topics covered in Integrated Math 4 range from general linear programming, matrix algebra, the central limit theorem, normal distribution, margin of error, derivatives, the fundamental theorem of calculus, coordinate geometry, synthetic geometry and trigonometry. The purpose of Integrated Math 4 honors is to solidify students' understanding of previously learned material and to extend their conceptual understanding of advanced topics in various domains including calculus.

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.

TRANSITION TO COLLEGE MATHEMATICS; Statistics A- 324311

TRANSITION TO COLLEGE MATHEMATICS; Statistic B - 324312

(Year) Senior

UC Approved (c)

Prerequisite: Mathematics III and identified as "Conditional or Not-Ready" as determined by the EAP/ACT exams and will not be taking Pre-Calculus or Calculus

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

The transition to College Mathematics course has been created in partnership with Charles A Dana Center at the University of Texas at Austin. Originally designed as a one-semester college course to prepare entering college students for success in college mathematics, the curriculum has been revised to create an equivalent high school course that spans two semesters. The goal of this course is to develop students quantitative and algebraic reasoning abilities, thus preparing them for college placement exams such as the ELM Diagnostic exam and college success in multiple mathematics pathways. The course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. In this course students will connect and use multiple strategies of mathematics in situations and problems, as we study other disciplines. In addition, the course supports students in developing skills and strategies needed to be prepared for and successful in college.

CC INTEGRATED MATH SUPPORT 1A - 324278

CC INTEGRATED MATH SUPPORT 1B - 324279

(Year) Freshman

NOT UC APPROVED

Prerequisite: This course will not be applicable to all students, but should be reserved only for those students who require additional support; Concurrent enrollment in 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 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) Sophomore

NOT UC APPROVED

Prerequisite: This course will not be applicable to all students, but should be reserved only for those students who require additional support; Concurrent enrollment in Integrated Math 1

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) Junior

NOT UC APPROVED

Prerequisite: *Concurrent enrollment in Integrated Math III*

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

Support class for students enrolled in Integrated Math III.

AP Calculus Support A - 310711

AP Calculus Support B - 310712

(Year) Sophomore, Junior, Senior

NOT UC APPROVED

Corequisite: *Must be enrolled in AP Calculus*

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

This support class will focus on Mathematical Practices for AP Calculus. The Mathematical Practices for AP Calculus (MPACs) capture important aspects of the work that mathematicians engage in, at the level of competence expected of AP Calculus students. These MPACs are highly interrelated tools that should be used frequently and in diverse contexts to support conceptual understanding of calculus. Students will focus their learning on mastering the following:

1. Reasoning with definitions and theorems
2. Connecting concepts
3. Implementing algebraic/computational processes
4. Connecting multiple representations
5. Building notational fluency
6. Communicating

HISTORY/SOCIAL SCIENCE

Introduction

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) Freshman, 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 18th 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.

PRE-AP World History and Geography A- [Use World History Course #]

PRE-AP World History and Geography B- [Use World History Course #]

ONLY available for schools selected by College Board

Course title in PowerSchool is still “World History A/B” until SY2020-21

(Year) Freshman Only

UC Approval Pending

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

Pre-AP World History and Geography focuses deeply on the concepts and skills that have maximum value for college, career, and civic life. The course is built around three enduring ideas to create an engaging and relevant social studies course:

History is an interrelated story of the world- The course explores the invisible structures and forces that shape and reflect the regions, communities, governments, economies, and cultures of humanity. These big ideas help students develop an organized and meaningful understanding of time and space.

History and geography are inherently dynamic- As historians and geographers uncover new evidence, current assumptions are challenged and previous arguments and narratives gain complexity, nuance, and context. This course teaches students how to examine sources and data, establish inferences, and ultimately build and critique arguments.

Historians and geographers are investigators- Learning in Pre-AP World History and Geography is designed to be a disciplinary apprenticeship in which students participate in the process of discovery. Students will play the role of historian and geographer by practicing the detective skills and using the tools of each craft.

***NOTE for PRE-AP World History and Geography:** this course is not yet a UC approved course, so therefore Alliance schools participating in the Pre-AP Pilot will technically enroll students into the World History A/B

course. World History A/B should be the course appearing on student transcripts. For more information please see [Pre-AP Pilot- Course Selection Guidelines](#).

WORLD HISTORY HONORS A - 370131

WORLD HISTORY HONORS B - 370132

(Year) Freshman, 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 18th 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 1st 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 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

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

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

UC Approved (g)

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 - 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 5th 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.

HUMAN GEOGRAPHY A - 361305**HUMAN GEOGRAPHY B - 361306**

(Year) Freshmen, Sophomore, Junior

UC Approved (g)

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.

AP HUMAN GEOGRAPHY A - 361307**AP HUMAN GEOGRAPHY B - 361308**

(Year) Sophomore, Junior, Senior

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

Prerequisites: Human Geography

UC Approved (a)

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications

SCIENCE

Introduction

Alliance College-Ready Public Schools is committed to providing all scholars with rigorous, Next Generation Science Standards (NGSS) aligned courses in middle and high school by SY 2019-20. CA NGSS focus on understanding the concepts across such scientific areas as life science, earth and space science, and physical science. These standards use disciplinary core ideas, science and engineering practices, and crosscutting concepts to help students understand how science works in the natural world.

Through this rigorous course sequence, all Alliance scholars will be able to discuss and analyze scientific global issues and feel confident entering society with a science perspective.

In 2016-2017, the State proposed two viable course model options for high school science, the 3 course and 4 course model. The 3 course model embedded earth science into Biology, Chemistry, and Physics. The 4 course model kept each subject separate, Biology, Chemistry, Physics, and Earth and Space Science. To inform and guide stakeholders in the decision process, the Science Content Team conducted teacher and principal webinars, information sessions, and in person meetings. The 3 course model was selected by the majority votes from both teachers and principals.

In order to reach the goal of NGSS and the support the 3 course model decision, the Science Content Team is supporting schools with a two-year NGSS transition plan:

- **Year 1** (SY 2017-18): Middle schools fully transitioned to an integrated sequence and were provided guidance and resources on how to implement NGSS standards. High schools have independently begun transitioning to the 3 course model, but schools are not yet required to offer all 3 courses.
- **Year 2** (SY 2018-19): New curricular recommendations aligned to NGSS are provided for middle school courses. High schools are continuing to independently transition to the 3 course model, but are still not required to offer all 3 courses. Course sequencing should be adjusted to ensure full implementation in Fall 2019.
- **Year 3** (SY 2019-20): Middle schools are fully transitioned to integrated science sequencing and are implementing aligned curriculum. High schools are fully transitioned to the 3 course model.

Course Recommendations

The CA NGSS is intentionally designed so that students slowly build up knowledge and skills in all dimensions (science and engineering practices, crosscutting concepts, and disciplinary core ideas), addressing more sophisticated challenges or revisiting simple ones at a deeper level as they progress through the grades. Alliance high schools have adopted the 3 course model, including the following courses: The Living Earth, Chemistry in the Earth Systems, and Physics of the Universe. Although the state requirement is still currently 2 years of required science (1 life science and 1 physical science) for high school graduation, with the adoption of NGSS, 3 courses are recommended. California Department of Education will be voting on a change to graduation requirements to align to the adopted CA NGSS recommendations. Alliance will be discussing a shift to a 3 year graduation requirement in the 2019-2020 school year in preparation for this change. It is recommended that schools adjust their sequencing early to ensure a smooth transition to this anticipated 3 year science requirement.

Course sequence options are linked [here](#), to guide your decisions around course options. We recommend scholars take all 3 courses in 9th, 10th and 11th grades to ensure they master all standards prior to the CAST assessment in 11th grade. The CAST is operational in the 2018-2019 school year. The CAST measures what students know and can do using the California Next Generation Science Standards (CA NGSS). The CAST is a

computer-based assessment that will contain discrete item, as well as performance tasks that require students to solve complex problems. Discrete items are questions that are independent of each other, but does not necessarily mean that one performance expectation is linked to one question. A performance task will combine multiple questions, based on multiple performance expectations to understanding a single phenomenon.

Science Courses

As part of the “A-G” course requirements for California currently, every scholar should enroll and successfully complete 1 year of Biological Sciences and 1 year of Physical Science, which fulfills the “d” requirement. It is highly recommended that every scholar enroll in the 3 courses outlined in the 3 course model to prepare them for the college, CAST, and beyond.

BIOLOGICAL SCIENCES

THE LIVING EARTH A - 361313

THE LIVING EARTH B - 361314

(Year) Freshman, Sophomore

UC Approved (d)

Prerequisite: None

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

This course replaces Biology A&B. The sequence presented here spirals in scale, starting with ecosystems as a whole (looking at both living and nonliving components), progressing into connections within ecosystems describing the cycling of matter in two important life processes photosynthesis and respiration while also emphasizing the nonliving parts of these cycles. Then the course moves into evolution (where evidence is based in both living and non-living systems) and then links evolution to the study of heredity. From there the course zooms in more (progressing to smaller scales) on what defines characteristics of life from the cell to multicellular organisms. The course ends by coming back full circle to ecosystems and the impacts that humans have on them especially in relationship to climate change. A culminating project for this course should present a synthesis of how life on Earth is dependent on both biotic and abiotic factors.

PRE-AP BIOLOGY A - [Use The Living Earth A Course #]

PRE-AP BIOLOGY A - [Use The Living Earth B Course #]

ONLY available for schools selected by College Board

Course title in PowerSchool is still “Common Core English 9A/9B” until SY2020-21

(Year) Freshman

UC Approval Pending

Prerequisite: None

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

Pre-AP Biology prepares students for AP Biology and other challenging science coursework by giving them foundational knowledge in the areas of biological systems—macro and micro—and their interdependence. This course focuses deeply on the concepts and skills that have maximum value for college and career. This course concentrates on the core areas of ecological systems, cellular systems, evolution, and genetics. Rather than understanding content topics in isolation, students will make meaningful connections between the structures, processes, and interactions that exist across biological systems—from cells to ecological communities. In Pre-AP Biology, students will: Be active participants in analyzing real-world phenomena, apply science practices to construct and revise their knowledge, and regularly collaborate with their peers in dialogue, investigations, and problem solving.

NOTE: *this course must be adapted by teacher to include earth science.* Also this course is not yet a UC approved course, so therefore Alliance schools participating in the Pre-AP Pilot will technically enroll students into Living Earth A/B. Living Earth A/B should be the course appearing on student transcripts. For more information please see [Pre-AP Pilot- Course Selection Guidelines](#).

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

CHEMISTRY IN EARTH SYSTEMS A - 361411

CHEMISTRY IN EARTH SYSTEMS B - 361412

(Year) Freshman, Sophomore, Junior, Senior

UC Approved (d)

Prerequisite: *Completion of Integrated Math with "C" or higher in both semesters ("B" or higher is recommended)*

Credential Requirement: [Single Subject in Chemistry; or Chemistry Authorization](#)

The sequence of this course is based on a specific storyline about climate change with a tangible example of combustion and food calorimetry. The combustion of fossil fuels and release of heat, carbon dioxide, and water is a fundamental thread that ties together most of the sections of the course and ensures that chemistry concepts are able to be placed in the context of Earth's systems. In the end, students will have explored the fundamentals of chemistry and essential roles that these processes play in Earth's solid geosphere, its liquid hydrosphere, and its gaseous atmosphere.

CHEMISTRY IN EARTH SYSTEMS Honors A - 361413

CHEMISTRY IN EARTH SYSTEMS Honors B - 361414

(Year) Freshman, Sophomore, Junior, Senior

UC Approved (d)

Prerequisite: *Completion of Integrated Math with "C" or higher in both semesters ("B" or higher is recommended)*

Credential Requirement: [Single Subject in Chemistry; or Chemistry Authorization](#)

The sequence of this course is based on a specific storyline about climate change with a tangible example of combustion and food calorimetry. The combustion of fossil fuels and release of heat, carbon dioxide, and water is a fundamental thread that ties together most of the sections of the course and ensures that chemistry concepts are able to be placed in the context of Earth's systems. In the end, students will have explored the fundamentals of chemistry and essential roles that these processes play in Earth's solid geosphere, its liquid hydrosphere, and its gaseous atmosphere.

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.

PHYSICS OF THE UNIVERSE A - 361513**PHYSICS OF THE UNIVERSE B - 361514**

(Year) 9-12

UC Approved (d)

Corequisite: Integrated Mathematics 1

Credential Requirement: Single Subject in Physics; or Physics Authorization

This course is about discovering the laws and mysteries of the physical world. This class provides the framework to understand everyday phenomena through hands-on activities, model building and experimentation. The course of study includes: Newtonian mechanics (motion, conservation of energy and momentum, forces and motion) waves, vibrations, sound, electrostatics, magnetism, heat and light (reflection, refraction, diffraction and interference). This course emphasizes the Next Generation Science Standards and combines the traditional physics principles with earth and space concepts. The laboratory work will provide students with sound laboratory techniques and engineering practices to ensure that students develop reasoning power and the ability to apply physics principles to their course work in preparation for their college experiences.

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.

Science Honors Courses

HONORS COURSES NOTE: The honors courses below do not reflect the 3 course model selected by high schools last year, however there is still one year to transition all high schools to implement the decision. With this in mind, over the next year we will be reviewing our policy around honors courses, including science, to determine a path forward.

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 HONORS A - 360705

BIOLOGY HONORS B - 360706

(Year) Freshman, Sophomore, Juniors, Seniors

UC Approved (d)

Prerequisite: Freshman standing; completion of Integrated Math I

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.

CHEMISTRY HONORS (H) A - 361405

CHEMISTRY HONORS (H) B - 361406

(Year) Sophomore, Junior

UC Approved (d)

Prerequisite: Completion of IM2 Honors with "B" or higher (both semesters) OR completion of IM2 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.

PHYSICS HONORS A - 361509

PHYSICS HONORS B - 361510

(Year) 9-12

UC Approved (d)

Prerequisite: Completion of IM2 with a "B" or higher

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 if instruction as explored through labs.

Science Elective Courses

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.

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.

MEDICAL SCIENCE 9 - A 361103

MEDICAL SCIENCE 9 - B 361104

Also named as:

MEDICAL SCIENCE 1 - A 361111

MEDICAL SCIENCE 1 - B 361112

(Year) Freshmen, Sophomore, Junior

UC Approved (g)

Prerequisite: None

Credential Requirement: Single Subject in Biological Science; or Biological Science Authorization; or CTE Credential in Health Services

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.

MEDICAL SCIENCE 11: WRITING AND RESEARCH PROJECTS - A 361130

MEDICAL SCIENCE 11: WRITING AND RESEARCH PROJECTS - B 361131

Also named as:

MEDICAL SCIENCE: WRITING AND RESEARCH 2A - 361113

MEDICAL SCIENCE: WRITING AND RESEARCH 2B - 361114

(Year) Sophomore, Junior, Senior

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

Also named as:

MEDICAL SCIENCE: Internships 3A - 361115

MEDICAL SCIENCE: Internships 3B - 361116

(Year) Junior, Senior

UC Approved (g)

Prerequisite: Med. Sci. 9, 11 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.

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.

STEM : APPLIED SCIENCE AND ENGINEERING A - 360513

STEM : APPLIED SCIENCE AND ENGINEERING B - 360514

(Year) Senior

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.

WORLD LANGUAGES

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.

BUSINESS SPANISH - 256041

(Semester) Junior, Senior

NOT UC APPROVED

Prerequisite: Spanish 1 & 2 and Non-Native

Credential Requirement: Single Subject in Foreign Language: Spanish

The principal objective of this course is to study the terminology and practices from the world of business, with a focus on business relating to the Spanish speaking world. An emphasis is placed on business language and culture, writing, interviews, and technology in business.

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 1B - 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.

ITALIAN HONORS 3A - 252309

ITALIAN HONORS 3B - 252310

(Year) Junior

NOT UC APPROVED

Prerequisite: Successful completion of Honors Italian 2 (passing with a "C" grade or higher)

Credential Requirement: Single Subject in Foreign Language: Italian

No description provided.

ITALIAN 4A - 252313

ITALIAN 4B - 252314

(Year) Senior

NOT UC APPROVED

Prerequisite: Successful completion of Italian Honors 3 (passing with a "C" grade or higher)

Credential Requirement: Single Subject in Foreign Language: Italian

Italian 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 Italian composition and grammar, with emphasis on both formal and conversational situations. Students enrolling in Italian 4 should have attained reasonable proficiency in listening comprehension, speaking, reading and writing. Since they must speak the foreign language as part of the course, students must be willing to actively speak Italian and participate in a communicative classroom situation.

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 LANGUAGE & CULTURE THROUGH CINEMA - 256043

(Year) Junior, Senior

NOT UC APPROVED

Prerequisite: Spanish 1 & 2, Native and Non Native

Credential Requirement: Single Subject in Foreign Language: Spanish

This course offers students the opportunity to appreciate and analyze film that have emerged in Latin America. An emphasis is placed on studying film within the effects of social, cultural, historical, political, and economical configurations as ways of thinking through the era.

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 20th century lyric poetry; from 13th 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.

VIETNAMESE A - 253531

VIETNAMESE B - 253531

(Year) Freshman, Sophomore, Junior

UC Approved (e)

Credential Requirement: Single Subject in Foreign Language: Vietnamese; or Foreign Language: Vietnamese Authorization

The Vietnamese 1 course is the first year level in a series of four year courses designed to teach students how to communicate in the target language in all three modes of communication and help them develop an appreciation of the rich Vietnamese cultural perspectives, practices and products. The course provides students opportunities to acquire information, recognize distinctive viewpoints, further their knowledge of other disciplines, address discrete elements of daily life, address topics of self and their immediate environment. This course will develop student comprehension of the Vietnamese language, customs and traditions as they build their vocabulary and learn to decipher meaning. Students will build on their knowledge base of Vietnamese through vocabulary, grammar, Vietnamese tones, culture and history.

VISUAL AND PERFORMING ARTS (VPA)

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 principles of fine art and design. Students will design individual artworks based on design elements and principles as well as responses to historical, philosophical and cultural prompts.

BROADCAST JOURNALISM A- 230505

BROADCAST JOURNALISM B- 230506

(Year) Freshman, Sophomore, Junior, Senior

UC Approved (e)

Prerequisite: None

Credential Requirement: Single Subject in Art; or Art Authorization

This course is designed to enable students to evaluate, analyze, and produce broadcast news (through hands-on video and audio production). Emphasis is placed on critical media literacy as a lens for our analysis of existing mainstream and alternative media, in addition to our own created media. This class produces media to be shared with the Alliance Baxter High School campus, including interviews, news packages, features, reviews, public service announcements, daily video campus announcements, and opinion pieces.

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 B- 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.

CONCERT CHOIR 2A- 320133**CONCERT CHOIR 2B- 320134**

(Year) Junior, Senior

UC Approved (f)

Prerequisite: Concert Choir A and B

Credential Requirement: Single Subject in Music; or Music Authorization

This class is a course for all students interested in furthering their musical studies and skills through choral music. The first semester reviews basic choral skills such as breathing, vowel placement, pitch, tone, basic music vocabulary, music reading, and sight-reading. These skills are enhanced and advanced techniques are introduced during the second semester as well as a focus on part singing, diction, projection, tonal memory, and various music-related careers. Through working as a musical ensemble, the students will also gain skills in teamwork, self-confidence, dedication, and responsibility

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.

FILMMAKING A- 380121**FILMMAKING 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 involve 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.

MODERN MUSIC ENSEMBLES 2A- 320115**MODERN MUSIC ENSEMBLES 2B- 320116**

(Year) Senior

Pending UC Approval - 7/31

Prerequisite: None

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

This course provides a continuation of Modern Music Ensembles 1 to allow a 2nd year of skill acquisition on multiple instruments, including voice, guitar, ukulele, bass guitar, piano/keyboard, and drums/percussion, and advanced repertoire preparation, performance, and composition techniques including several concert productions and community enrichment opportunities. Students repertoire will be extended by at least 12 pieces of modern music.

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).

MUSIC THEATER 1A - 320119

MUSIC THEATER 1B - 320120

(Year) Junior, Senior

UC Approved (f)

Prerequisite: None

Credential Requirement:

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:

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.

Visual and Performing Arts AP Courses

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.

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

PHYSICAL EDUCATION

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.

Courses

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 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; or Physical Education Authorization

In addition to the Physical Education 9A course, students will have health lessons 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 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.

STUDENT ADVISORY - ALLIANCE REQUIREMENT

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.

.25 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.

STUDENT SUPPORT

Courses For English Language Learners

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/ELPAC, and local assessments, class work, teacher input, years enrolled in U.S. schools, and foreign transcripts.*

Credential Requirement: Any Single Subject or Multiple Subjects Credential with an EL Authorization

This course provides instruction designed specifically for English learners to develop their listening, speaking, reading and writing skills in English. This course introduces students to basic structures and vocabulary of the English language. Students learn strategies in order to advance their reading, listening, and pronunciation skills. They expand oral comprehensibility and write complete sentences, a standard paragraph, and short content-based essays. They utilize level-appropriate conventions of grammar and punctuation with a minimum of errors.

ENGLISH LANGUAGE DEVELOPMENT 2A – 230155

ENGLISH LANGUAGE DEVELOPMENT 2B – 230156

(Year) Freshman, Sophomore, Junior, Senior

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/ELPAC, and local assessments, class work, teacher input, years enrolled in U.S. schools, and foreign transcripts.*

NOT UC APPROVED

Credential Requirement: Any Single Subject or Multiple Subjects Credential with an EL Authorization

This course provides instruction designed specifically for English learners to develop their listening, speaking, reading and writing skills in English. English language learners discover how to use and extend their vocabulary, grammar, and communication skills. It focuses on syntax, continued vocabulary development, reading, listening comprehension, speaking and pronunciation skills, and writing multiple-paragraph compositions that demonstrate organization of ideas, use of a thesis statement, and supportive elements. Intensive grammar instruction that supports academic writing skills is emphasized. This course contributes to skills needed in mainstream classes.

ENGLISH LANGUAGE DEVELOPMENT 3A - 230157

ENGLISH LANGUAGE DEVELOPMENT 3B – 230158

(Year) Freshman, Sophomore, Junior, Senior

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/ELPAC, and local assessments, class work, teacher input, years enrolled in U.S. schools, and foreign transcripts.*

UC Approved (b)

Credential Requirement: Any Single Subject or Multiple Subjects Credential with an EL Authorization

This course provides instruction designed specifically for English learners to develop their listening, speaking, reading and writing skills in English 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. 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 – 230159

ENGLISH LANGUAGE DEVELOPMENT 4B - 230160

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/ELPAC, 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*

This course provides instruction designed specifically for English learners to develop their listening, speaking, reading and writing skills in English 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.. 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.

Courses For Students With Disabilities

RESOURCE LAB A - 460412

RESOURCE LAB B - 460413

(Year) Freshman, Sophomore, Junior, Senior

NOT UC APPROVED

May not supplant any core content class, unless student is on the alternate curriculum

Prerequisite: *Resource Lab is appropriate for students with disabilities who require pull-out services as part of their IEPs*

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

The Resource Lab class is divided into components that support students with an Individualized Educational Program (IEP) in the areas of math, language, reading, and oral communication skills, as indicated in the Common Core State Standards and the expected school-wide learning results. The purpose of this class is to help students with disabilities be successful in the general education setting by pre-teaching, re-teaching, and supporting their access to grade-level content. Additionally, this class should include targeted interventions that seek to close students' instructional gaps.

RESOURCE LAB 1A - 460403**RESOURCE LAB 1B - 460404**

(Year) Freshman

NOT UC APPROVED

May not supplant any core content class, unless student is on the alternate curriculum

Prerequisite: Resource Lab is appropriate for students with disabilities who require pull-out services as part of their IEPs

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

The Resource Lab class is divided into components that support students with an Individualized Educational Program (IEP) in the areas of math, language, reading, and oral communication skills, as indicated in the Common Core State Standards and the expected school-wide learning results. The purpose of this class is to help students with disabilities be successful in the general education setting by pre-teaching, re-teaching, and supporting their access to grade-level content. Additionally, this class should include targeted interventions that seek to close students' instructional gaps.

RESOURCE LAB 2A - 460405**RESOURCE LAB 2B - 460406**

(Year) Sophomore

NOT UC APPROVED

May not supplant any core content class, unless student is on the alternate curriculum

Prerequisite: Resource Lab is appropriate for students with disabilities who require pull-out services as part of their IEPs

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

The Resource Lab class is divided into components that support students with an Individualized Educational Program (IEP) in the areas of math, language, reading, and oral communication skills, as indicated in the Common Core State Standards and the expected school-wide learning results. The purpose of this class is to help students with disabilities be successful in the general education setting by pre-teaching, re-teaching, and supporting their access to grade-level content. Additionally, this class should include targeted interventions that seek to close students' instructional gaps.

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

(Year) Junior

NOT UC APPROVED

May not supplant any core content class, unless student is on the alternate curriculum

Prerequisite: Resource Lab is appropriate for students with disabilities who require pull-out services as part of their IEPs

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

The Resource Lab class is divided into components that support students with an Individualized Educational Program (IEP) in the areas of math, language, reading, and oral communication skills, as indicated in the Common Core State Standards and the expected school-wide learning results. The purpose of this class is to help students with disabilities be successful in the general education setting by pre-teaching, re-teaching, and supporting their access to grade-level content. Additionally, this class should include targeted interventions that seek to close students' instructional gaps.

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

(Year) Senior

NOT UC APPROVED

May not supplant any core content class, unless student is on the alternate curriculum

Prerequisite: Resource Lab is appropriate for students with disabilities who require pull-out services as part of their IEPs

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

The Resource Lab class is divided into components that support students with an Individualized Educational Program (IEP) in the areas of math, language, reading, and oral communication skills, as indicated in the Common Core State Standards and the expected school-wide learning results. The purpose of this class is to help students with disabilities be successful in the general education setting by pre-teaching, re-teaching, and supporting their access to grade-level content. Additionally, this class should include targeted interventions that seek to close students' instructional gaps.

FUNCTIONAL COURSES FOR STUDENTS ON THE ALTERNATE CURRICULUM

NOTE: Functional Courses replace core courses for students. A student *cannot* be double enrolled for a core class and a functional class. (e.g., a student cannot be enrolled in CC English Grade 9 and Functional English Language Arts 9).

Prerequisite for ALL Functional Courses: only for students whose IEPs designate them as eligible for the alternate curriculum and who take the California Alternate Assessment (CAA). These students will be graduating with a Certificate of Completion, **not** a high school diploma.

FUNCTIONAL ENGLISH LANGUAGE ARTS 9 A- 321401

FUNCTIONAL ENGLISH LANGUAGE ARTS 9 B- 321402

(Year) Freshman

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in English

This course replaces a student's core ELA class and follows a modified version of the ELA curriculum.

FUNCTIONAL ENGLISH LANGUAGE ARTS 10 A- 321403

FUNCTIONAL ENGLISH LANGUAGE ARTS 10 B- 321404

(Year) Sophomore

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in English

This course replaces a student's core ELA class and follows a modified version of the ELA curriculum.

FUNCTIONAL ENGLISH LANGUAGE ARTS 11 A- 321405

FUNCTIONAL ENGLISH LANGUAGE ARTS 11 B- 321406

(Year) Junior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in English

This course replaces a student's core ELA class and follows a modified version of the ELA curriculum.

FUNCTIONAL ENGLISH LANGUAGE ARTS 12 A- 321407

FUNCTIONAL ENGLISH LANGUAGE ARTS 12 B- 321408

(Year) Senior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in English

This course replaces a student's core ELA class and follows a modified version of the ELA curriculum.

FUNCTIONAL HIGH SCHOOL MATHEMATICS 9A- 324301

FUNCTIONAL HIGH SCHOOL MATHEMATICS 9B- 324302

(Year) Freshman

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Mathematics

This course replaces a student's core mathematics class and follows a modified version of the mathematics curriculum.

FUNCTIONAL HIGH SCHOOL MATHEMATICS 10A- 324303

FUNCTIONAL HIGH SCHOOL MATHEMATICS 10B- 324304

(Year) Sophomore

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Mathematics

This course replaces a student's core mathematics class and follows a modified version of the mathematics curriculum.

FUNCTIONAL HIGH SCHOOL MATHEMATICS 11A- 324305

FUNCTIONAL HIGH SCHOOL MATHEMATICS 11B- 324306

(Year) Junior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Mathematics

This course replaces a student's core mathematics class and follows a modified version of the mathematics curriculum.

FUNCTIONAL HIGH SCHOOL MATHEMATICS 12A- 324307

FUNCTIONAL HIGH SCHOOL MATHEMATICS 12B- 324308

(Year) Senior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Mathematics

This course replaces a student's core mathematics class and follows a modified version of the mathematics curriculum.

FUNCTIONAL HIGH SCHOOL SCIENCE 9A -361421

FUNCTIONAL HIGH SCHOOL SCIENCE 9B -361422

(Year) Freshman

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Science

This course replaces a student's core science class and follows a modified version of the science curriculum.

FUNCTIONAL HIGH SCHOOL SCIENCE 10A - 361423

FUNCTIONAL HIGH SCHOOL SCIENCE 10B - 361424

(Year) Sophomore

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Science

This course replaces a student's core science class and follows a modified version of the science curriculum.

FUNCTIONAL HIGH SCHOOL SCIENCE 11A - 361425

FUNCTIONAL HIGH SCHOOL SCIENCE 11B - 361426

(Year) Junior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Science

This course replaces a student's core science class and follows a modified version of the science curriculum.

FUNCTIONAL HIGH SCHOOL SCIENCE 12A - 361427

FUNCTIONAL HIGH SCHOOL SCIENCE 12B - 361428

(Year) Senior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Science

This course replaces a student's core science class and follows a modified version of the science curriculum.

FUNCTIONAL HIGH SCHOOL HISTORY 9A -370303

FUNCTIONAL HIGH SCHOOL HISTORY 9A - 370304

(Year) Freshman

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Social Sciences or Social Science: History

This course replaces a student's core history class and follows a modified version of the history curriculum.

FUNCTIONAL HIGH SCHOOL HISTORY 10A - 370305

FUNCTIONAL HIGH SCHOOL HISTORY 10B - 370306

(Year) Sophomore

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Social Sciences or Social Science: History

This course replaces a student's core history class and follows a modified version of the history curriculum.

FUNCTIONAL HIGH SCHOOL HISTORY 11A - 370307

FUNCTIONAL HIGH SCHOOL HISTORY 11B - 370308

(Year) Junior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Social Sciences or Social Science: History

This course replaces a student's core history class and follows a modified version of the history curriculum.

FUNCTIONAL HIGH SCHOOL HISTORY 12A - 370313

FUNCTIONAL HIGH SCHOOL HISTORY 12B - 370314

(Year) Senior

NOT UC APPROVED

Credential Requirement: Single subject credential with an authorization in Social Sciences or Social Science: History

This course replaces a student's core history class and follows a modified version of the history curriculum.

GENERAL ELECTIVES

UC APPROVED ELECTIVES (G)

AP Computer Science Principles A - 180223

AP Computer Science Principles B - 180224

(Year) Sophomore, Junior, Senior

UC Approved (g)

Prerequisite: IM2(Recommended) and Exploring Computer Science (Recommended)

Credential Requirement: Single Subject with an authorization in Math, Business, Industrial and Technology Education or Computer Concepts and Applications

The Computer Science (CS) Principles course aims to broaden participation in computer science and computing by introducing students to the main concepts of computer science, having them engage in computational thinking practices and learning how computing influences the world. The main goal of the CS Principles course is to provide students a foundation in computer science concepts and practices so that students learn to reason using computational thinking and critical thinking skills. This course will engage students in the problem-solving and creative aspects of the field by creating products that involve the computational process the same way real-world professionals do.

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.

CC ADVANCED ALGEBRA WITH FINANCIAL APP A- 324284

CC ADVANCED ALGEBRA WITH FINANCIAL APP B- 324285

(Year) Senior

UC Approved (g)

Prerequisite: Integrated Math I

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

Mathematics or Foundational Level 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, statistics, 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.

CHICANO STUDIES A- 240109

CHICANO STUDIES B- 240110

(Year) Senior

UC Approved (g)

Credential Requirement: Single Subject Credential with an authorization in Social Sciences

The Chicano/a Studies course will introduce students to the historical, cultural, social and political experiences, and the challenges, and accomplishments of Mexican, Mexican American, Latino and Chicano/a (s) populations in the United States. Critical thinking and effective oral and written communication skills are integrated across the curriculum, which incorporates Chicano/a art and literature, culture, history, language, identity, education, politics and service learning. The curriculum emphasizes the study of the international border between Mexico and the United States, but also introduces the study of multiple-intersectionalities within the Chicano/a experience; this includes race, culture, class, politics, gender and sexuality. This course will address the experiences of other ethnic groups and students will analyze the inter-relationship of other ethnic groups experiences with the Chicano/a experience. Students will also focus on the relationship between the communities of South and East Los Angeles. An emphasis will be placed on the relationship between institutions of higher education and Chicano/a communities.

ENGINEER YOUR WORLD A - 362701

ENGINEER YOUR WORLD B - 367702

(Year) Ninth

UC APPROVED (g)

Credential Requirement: Designated Subjects Career Technical Education; Teaching Credential with authorization in Engineering and Architecture

Developed with funding from the National Science Foundation by a team of University of Texas Faculty and NASA engineers, Engineer Your World engages students in authentic engineering practices in a project-based environment.

ETHNIC STUDIES A - 240111

ETHNIC STUDIES B - 240112

(Year) Freshman, Sophomore, Junior, Senior

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

Ethnic Studies is a course that asks students to examine how issues of race, class, and gender are constructed and shape life for underrepresented peoples in the United States. The course focuses on the specific historical, cultural, political and social experiences of African Americans, Asian Americans, Chicanas/os and Latinas/os, Native Americans, and other racialized peoples in the United States. The course uses various interdisciplinary approaches including historical, psychological, sociological, and intersectional lenses to understand and deconstruct power and inequality in the United States. Students will examine the ways the communities have navigated and resisted these systems of power. Students will examine the role of civil rights and social justice movements in changing laws and practices in the United States. Ethnic Studies also aims to help students develop important learning skills such as collaboration, communication, research, creativity, and critical thinking. Additionally, students will develop their critical reading, writing, listening and speaking skills needed for academic success along with personal and community empowerment.

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 filmmakers 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.

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 Common Core 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 tools 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

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.

UC APPROVED CAREER TECHNICAL EDUCATION ELECTIVE COURSES (G)

Graphic Design and Production Technology - 200325

Graphic Design and Production Technology - 200326

(Year) Junior, Senior

NOT UC APPROVED

Prerequisite: None

Credential Requirement: Career Technical Education Teaching Credential or Authorization in Manufacturing and Product Development

This course provides students with an understanding of design and manufacturing processes in the commercial arts industries. Representative topics include the principles of design composition, graphic design

and layout, typography, image generation and file preparation, photography, digital imaging, prepress preparation, creative processes, business and entrepreneurship principles, prototype product design, computer aided design, and computer-aided manufacturing. Students spend a considerable amount of time using the creative process, refining work with the Adobe software suite, and analyzing and critiquing fellow student work.

Introduction to Business (CTE) - 460205

Introduction to Business (CTE - 460206

(Year) Freshman, Sophomore, Junior

UC APPROVED

Prerequisite: None

Credential Requirement: Single Subject in Business; or Business Authorization or Career Technical Education Teaching Credential

This course focuses on developing 21st Century knowledge and skills required in business and finance for a successful career in any industry. Students will learn the principles of business, financial management, explore career opportunities, and prepare a career plan. The curriculum aligns with California's Standards for Career Technical Education in Business and Finance that also covers Common Core State Standards.

The instructional strategies include case studies, online learning, experiential learning, field trips, and guest speakers from the professional community. Guest speakers will visit the classroom weekly through a partnership with the Youth Business Alliance to share their personal life story, career experiences, and how to start a business. Students will attend company tours to learn firsthand about business operations and career opportunities in different industries. Professional attire is required for these field trips. Students are assigned homework, readings, quizzes, exams, oral presentations, and research projects. In addition, they may earn a Professional Communications Certificate endorsed by Southwest Airlines upon successfully passing an examination.

NON UC APPROVED ELECTIVES

ADVANCED COMPUTER LITERACY A- 180217

ADVANCED COMPUTER LITERACY B- 180218

(Year) 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.

ADVANCED RESEARCH SEMINAR A -

ADVANCED RESEARCH SEMINAR B -

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.

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.

INTRO TO PROGRAMMING A -180227

INTRO TO PROGRAMMING B- 180228

(Year) Freshman, Sophomore, Junior

NOT UC APPROVED

Credential Requirement: Single Subject in Computer Science, Business or Industrial Technology and Education, or Computer Science, Business, or Industrial Technology and Education

Intro to Programming will cover the foundational concepts required to build computer software in the 21st century and serves as a pre-AP comp sci principles class. Students will master the JavaScript programming language and build a real-world app at the conclusion of each unit. This course is primarily project based, and will require students to construct solutions to issues that students face during their four years of high school. Examples applications include a school bell system, attendance tracking platform, and online e-commerce students store to name a few. By translating system design into computer language, students will learn that mastery over machines allows humans to create devices capable of enriching their lives.

PEER COUNSELING A - M92021

PEER COUNSELING B - M92022

(Year) Freshman, Sophomore, Junior, Senior

NOT UC APPROVED

Prerequisite: none

Credential Requirement: Any Single Subject Credential

Our 'United 4 Justice' Peer Mediation group will focus on building leadership and communication skills amongst our students in order to work together and resolve student conflicts. Peer Mediators will dedicate to building a more respectful and peaceful school environment where students' differences are valued and help change the way they think about and respond to conflict.

PEER MEDIATION A - 371203

PEER MEDIATION B - 371204

(Year) Senior

NOT UC APPROVED

Prerequisite: None

Credential Requirement: Any Single Subject Credential

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.

START-UP TECHNOLOGY A - 180225

START-UP TECHNOLOGY A - 180226

(Year) Junior, Senior

NOT UC APPROVED

Prerequisite: Exploring Computer Science

Credential Requirement: Single Subject Credential with an authorization in Industrial and Technology Education or Business: Computer concepts and applications

Start-Up Technology introduces students to the knowledge and skills necessary to be successful in the field of tech entrepreneurship. Students explore computer science principles and computational thinking, within the context of start-up business. Students will identify a mobile app-based business idea, conduct market research, determine a sustainable business model, design persuasive marketing materials, create wireframes of their app, translate their wireframes into functional mobile apps using MIT App Inventor, and present all of their work to a panel of industry experts.

WRITING SUPPORT FOR AP SCHOLARS A - 221137

WRITING SUPPORT FOR AP SCHOLARS A - 221138

(Year) Junior, Senior

NOT UC APPROVED

Prerequisite: Student must be enrolled in at least 1 Advanced Placement course

Credential Requirement: Single Subject Credential in English or English Authorization

Students are required to write 3 essays for most Advanced Placement exams. This class will be focused on how to plan an effective response to an essay prompt and the writing skills needed to sufficiently demonstrate it. Planning an effective response will consist of dissecting the question, planning a thesis and antithesis, organizing and presenting valid evidence and connecting the evidence to the thesis. Skills and knowledge covered in this course are important AP vocabulary, sentence structure, organization, generalization, rhetoric, voice and audience.

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.

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

Summer Bridge Courses

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.

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.

SUMMER BRIDGE - Preparing for HS - 460109

(Year) Freshman

NOT UC APPROVED

Prerequisite: Integrated Math III or Integrated Math III Honors, Pre-calculus

Credential Requirement: Any Single Subject

Summer Bridge allows students to learn the academic and study skills appropriate for success high school transition. This course introduces students to technology (ex. email, word processing), presentation skills, research skills, and community building.

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
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 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](#)

Online-Accelerate Integrated Math 3A- [885011](#)

Online-Accelerate Integrated Math 3B- [885012](#)

Laboratory Science

Online Acc.Ed-Biology A- [881015](#)

Online Acc.Ed-Biology B- [881016](#)

Online Accelerate Chemistry A- [882609](#)

Online Accelerate Chemistry B- [882610](#)

**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 Marine Science- [883051](#)

Online Accelerate Space Exploration- [882069](#)

Online Accelerate Physical Education- [882069](#)

ONLINE VENDOR - Apex Learning

A- History/Social Science

Online Apex-World History A- [881031](#)

Online Apex-World History B- [881032](#)

Online Apex- United States History A - [882045](#)

Online Apex- United States History B - [882046](#)

Online Apex- U.S. Government and Politics- [883042](#)

B- 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](#)

C- 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-Mathematics III Common Core A-[885005](#)

Online Apex-Mathematics III Common Core B-[885006](#)

Online Apex-Pre-Calculus A- [882049](#)

Online Apex-Pre-Calculus B- [882050](#)

D- 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](#)

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

E- 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 as an honors level course*

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 1 A- **884101**

Online Apex-French 1 B- **884102**

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

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

G- 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- World History Since the Renaissance A- **882011**

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

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

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

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

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

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

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

Online Apex-Psychology A- **882005**

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

Online Apex AP Psychology B- **882010**

Online Apex-Business Applications- **886001**

Online Apex-Introduction to Health Science- [882075](#)

Non-UC Approved Courses

Online Apex-College and Career Preparation A- [882039](#)

Online Apex-College and Career Preparation B- [882040](#)

Online Apex-Math Foundations 1- [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 - Cyber High School

Online Cyber HS-Geometry A- [884001](#)

Online Cyber HS-Geometry B- [883002](#)