



## High School Course Catalog

### English/Language Arts

#### English I A/B

UC/CSU “B” requirement

Course Length 2 Semesters (10 credits)

Graduation Requirement: English

Prerequisite: None

#### Course Description:

English I is a year course in which students combine the study of literature with concentrated work on writing. Students read a variety of recommended authors and genres and will write in response to the literature to their own personal experience (journal, reflective, narrative, and descriptive). The emphasis in the writing process is on the mechanics of generating ideas, precise sentences, and vocabulary. This course of study will cover traditional grammar and its use and related skills such as spelling, oral communication, writing, study skills, and internet/library/research use.

#### Suggested texts for college prep/ A-G requirements

[California Treasures – Course 4](#), Glencoe

[Prentice Hall Literature Grade 9](#), Prentice Hall  
[Collections 9](#), Houghton Mifflin

[MyPerspectives](#), Pearson

[iLit](#) (online) Pearson

[Odysseyware Academy Online English I CCSS](#)

[Edgenuity Virtual Academy English I](#)

[Community College courses](#)

In addition to literature to build writing skills:

[Writer’s Inc. Handbook](#), Great Source

[Wordly Wise 3000 Grade 9](#), EPS

[Excellence in Writing](#), Institute for Excellence in Writing

#### Basic texts

[Exploring Literature](#), AGS

[Literature Purple Level](#), Globe Fearon

[Write In Reader Birch Level](#), EMC

[Basic English](#), AGS

[Basic English Composition](#) and [Basic English Grammar](#) AGS

## English II A/B

UC/CSU "B" requirement

Course Length	2 Semesters (10 credits)
Graduation Requirement:	English
Prerequisite:	English I

### Course Description:

English II is a year course in which students combine the study of world literature with a continued emphasis on writing. Students read a variety of authors and genres and write in response to the literature and to their own personal experience (journal, reflective, narrative, and descriptive). The emphasis in the writing process is on the mechanics of generating ideas, precise sentences, and vocabulary. This course of study will continue to cover traditional grammar and its use and related skills such as spelling, oral communication, writing, study skills, and internet/library/research use.

### Suggested texts for college prep/ A-G requirements

California Treasures, Literature Course 5, Glencoe

CA Reading and Language 10, Prentice Hall

Collections 10, Houghton Mifflin

MyPerspectives, Pearson

iLit (online), Pearson

Odysseyware Academy Online Curriculum English II CCSS

Edgenuity Virtual Academy English II

Community College courses

In addition to literature to build writing skills:

Writer's Inc. Handbook, Great Source

Wordly Wise 10, EPS

Excellence in Writing, Institute for Excellence in Writing

### Basic texts

World Literature, AGS

Literature Green Level, Globe Fearon

Write In Reader Willow Level, EMC

Basic English Composition, AGS

Basic English Grammar, AGS

## English III A/B

## UC/CSU “B” requirement

Course Length	2 Semesters (10 credits)
Graduation Requirement:	English
Prerequisite:	English II

### Course Description:

Students will read works of American writers and view works of American artists in terms of literary, political and cultural perspectives. The emphasis in the writing process is on the essay form, research, and documentation, analysis of themes in American literature and resume format. This course reinforces and refines spelling, mechanics, and grammar as each student advances through the pre-writing, writing, revising and publishing stages of essay development. Students will create persuasive, descriptive, evaluative and informative essays, articles, and reviews. This course also emphasizes creative and evaluative thinking.

### Suggested texts for college prep/ A-G requirements

American Literature, CA Treasures, Glencoe  
Prentice Hall Literature, The American Experience, Prentice Hall  
MyPerspectives, Pearson  
Collections 11, Houghton Mifflin  
Odysseyware Academy Online Curriculum English III CCSS  
Edgenuity Virtual Academy English III  
Community College courses

In addition to literature to build writing skills:

Writer’s Inc. Handbook, Great Source  
Wordly Wise 11, EPS  
Excellence in Writing, Institute for Excellence in Writing

### Basic texts

American Literature, AGS  
Literature Silver Level American Literature, Globe Fearon  
Basic English Composition, AGS  
Basic English Grammar, AGS  
English for the World of Work, AGS  
Life Skills English, AGS

## English IV A/B

## UC/CSU “B” requirement

Course Length	2 Semesters (10 credits)
Graduation Requirement:	English
Prerequisite:	English III

### Course Description:

Students will explore British and World literature through reading stories, novels, plays, poems, and essays. They will examine the nature, character, and universality of humankind as they become acquainted with prominent authors from many countries spanning several centuries. Students will use higher level communication skills in reading, writing, speaking, and listening to gain insight into their values, opportunities, and choices.

### Suggested texts for college prep/ A-G requirements

British Literature, California Treasures, Glencoe  
Prentice Hall Literature, The British Tradition, Prentice Hall  
Collections 12, Houghton Mifflin  
MyPerspectives, Pearson  
Odysseyware Academy Online Curriculum English IV CCSS  
Edgenuity Virtual Academy English IV  
Community College Transferable English courses

In addition to literature to build writing skills:

Writer’s Inc. Handbook, Great Source  
Wordly Wise Book 12, EPS  
Excellence in Writing, Institute for Excellence in Writing  
Writing and Grammar, Prentice Hall

### Basic texts

British Literature, AGS  
Literature Gold Level, Globe Fearon  
Write In Reader Maple Level, EMC  
Basic English Composition, AGS  
Basic English Grammar, AGS  
English for the World of Work, AGS  
Life Skills English, AGS

## Speech

## UC/CSU "G" requirement

Based on the idea that practice and encouragement promote confidence, this course is designed to improve the student's ease and accuracy in communicating the spoken word.

Suggested text for college prep/ A-G requirements

eDynamic Learning Online Curriculum [Public Speaking](#)

### Basic text

[Speech](#), Glencoe

## Creative Writing A/B

## UC/CSU "G" requirement

This course is designed for students who are interested in creative writing. Poetry, description, short stories, children's stories, plays, and characterizations are possible areas of exploration.

Suggested texts for college prep/ A-G requirements

eDynamic Online Curriculum, [Creative Writing](#)

### Basic texts

[Imaginative Writing: The Elements of Craft](#), Prentice Hall

[The Everything Creative Writing Book](#), Carol Whitley

## Journalism

## UC/CSU "G" requirement

This course exposes students to a variety of print media and to the types of writing that appear in newspapers and magazines. Students will recognize and write sound, effective, responsible journalism.

Suggested texts for college prep/ A-G requirements

eDynamic Online Curriculum, [Journalism: Investigating the Truth](#)

### Basic Texts

[Journalism Today](#), Glencoe

## History and Social Science

## World History A/B

## UC/CSU "A" requirement

Course Length: 2 Semesters (10 credits)

Graduation Requirement: History/Social Science

Prerequisite: None

### Course Description:

Students in grade ten study major turning points that shaped the modern world, from the late 18<sup>th</sup> century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international

relations. They extrapolate from the American experience that democratic ideas are often achieved at a high price, remain vulnerable and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political economic and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. Students continue their focus on the making of the modern world. Topics will include the growth of self-government in England, the Enlightenment, the Age of the French Revolution and Napoleonic Era, the industrial revolution and the philosophical reactions to it, Imperialism, Nationalism, as both a constructive and destructive force, World War I and World War II, Communism and Fascism in the Twentieth Century, the Holocaust, and post-World War II international developments.

**Suggested texts for college prep/ A-G requirements**

- [World History, Modern Times, Glencoe](#)
- [World History and Geography, McGraw Hill](#)
- [World History and Geography, Modern Times, Glencoe](#)
- [My World, Pearson](#)
- [World History, Modern Era, Glencoe](#)
- [Modern World History, Houghton Mifflin Harcourt](#)
- [Modern World History, Patterns of Interaction CA edition, Houghton Mifflin](#)
- [World History, The Modern World, CA edition, Prentice Hall](#)
- [World History, Human Legacy, Holt](#)
- [Odysseyware Academy Online Curriculum World Civilizations](#)
- [Odysseyware Academy Online Curriculum World Geography](#)
- [Edgenuity Virtual Academy World History](#)
- [Community College courses](#)

**Basic Text**

- [World History, AGS](#)

**U.S. History A/B**

**UC/CSU “A” requirement**

Course Length: 2 Semesters (10 credits)  
 Graduation Requirement U. S. History/Social Science  
 Prerequisite: World History suggested

**Course Description:**

Students in grade eleven study the major turning points in American history in the twentieth century. Following a review of the nation’s beginnings and the impact of the Enlightenment in U.S. democratic ideas, students build upon the tenth-grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy, including the social and cultural effects. They trace the change in the ethnic composition of American society; the movement towards equal rights for racial minorities and women; and the role of the United States as a major

world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes in historical events. They learn that the United States has served as a model for other nations and that the rights and freedoms we enjoy are not accidents, but the results of a defined set of political principles that are not always basic to citizens of other countries. Students understand that our rights under the U.S. Constitution comprise a precious inheritance that depends on an educated citizenry for their preservation and protection.

#### Suggested texts for college prep/ A-G requirements

American History, The Modern Era Since 1865, Glencoe  
United States History and Geography, Modern Times, Glencoe McGraw Hill  
The American Vision, Modern Times, Glencoe  
American Odyssey, Glencoe  
United States History and Geography, McGraw Hill  
Odysseyware Academy Online Curriculum U.S. History Foundations to Present  
Edgenuity Virtual Academy U.S. History  
Community College U.S. History course

#### Basic texts

U.S. History, AGS  
United States History, Globe Fearon

### U.S. Government

### UC/CSU “A” requirement

Course Length: 1 Semester (5 credits)  
Graduation Requirements: U.S. Government  
Prerequisite: U.S. History suggested

#### Course Description:

Students in grade twelve pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship between federal, state, and local governments. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.

#### Suggested texts for college prep/ A-G requirements

United States Government: Democracy in Action, Glencoe  
United States Government, Houghton Mifflin Harcourt  
American Government and Citizenship, Holt  
United States Government: Our Democracy, McGraw Hill  
American Government, Pearson

Odysseyware Academy Online Curriculum Principles of American Democracy  
Edgenuity Virtual Academy U.S. Government  
Community College courses

Basic texts

United States Government, AGS  
American Government, Globe Fearon

**Economics**

**UC/CSU “G” requirement**

Course Length: 1 Semester (5 credits)  
Graduation Requirement: Economics  
Prerequisite: None

Course Description:

Students will master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Studied in a historical context are the basic economic principles of micro-and macroeconomics, international economics, comparative economic systems, measurement, and methods.

Suggested texts for college prep/ A-G requirements

Economics: Principles and Practices, Glencoe  
Economics, Houghton Mifflin Harcourt  
Economics: Principles in Action, Prentice Hall  
Odysseyware Academy Online Economics  
Community College course

Basic texts

Economics, AGS  
Economics, Globe Fearon

**Mathematics**

**General Math A/B**

Students will master fundamental math skills including ratios, probability, and pre-algebra. Review of percent, decimals, fractions, multiplication, and division will be included.

Suggested texts

Saxon 7/6, or Saxon 8/7, Harcourt Achieve/Saxon  
Course 3, Saxon  
Basic Math, AGS



## **Consumer/Business Math A/B**

Students will review elementary arithmetic, including fractions, decimals, and percentages. Elementary algebra is included in the context of solving practical business problems. The practical applications of math include checking accounts, price discounts, markups and markdowns, payroll calculations, compound interest, credit, and mortgages.

### **Suggested texts for college prep (not A-G)**

Mathematics with Business Applications, Glencoe

### **Basic texts**

Consumer Mathematics, AGS

Math for the World of Work, AGS

Life Skills Math, AGS

## **Pre-Algebra A/B**

Students will learn the necessary skills to succeed in Algebra. These skills include the following: adding, subtracting, multiplying and dividing integers; adding, subtracting, multiplying and dividing variables; properties of addition and multiplication; solving two-step equations and inequalities; graphing equations on a coordinate plane; rules of exponents using integers and variables; number theory; problem solving using ratios and proportions; operating with rational and irrational numbers; introduction to geometry and measurement. This course is designed to help students who need extra support to fully prepare for Algebra I.

### **Suggested texts**

Pre-Algebra (California Edition), Prentice Hall

Pre-Algebra (Algebra ½), Harcourt Achieve/Saxon

Pre-Algebra, Glencoe

Algebra Readiness, Prentice Hall

Pre-Algebra, Math-U-See

Pre-Algebra, (AGS)

Pre-Algebra, Teaching Textbooks

Pre-Algebra, Mr. D's Online Math

Pre-Algebra, ALEKS

Pre-Algebra, Edgenuity

## **Integrated Math I A/B**

## **UC/CSU “C” requirement**

Course Length:	2 semesters (10 credits)
Graduation Requirement:	Mathematics
Prerequisite:	None

### Course Description:

Integrated Math I is the first of three mathematics courses required for college entrance. The course content includes: functions, algebra, geometry, statistics, probability, discrete mathematics, measurement, number, logic, and language. The course emphasizes mathematical reasoning, problem solving, and communication through the integration of the various strands, connections with other subject areas and real-life applications, use of technology, and exploratory and group activities. This course emphasizes algebra.

### Suggested texts for college prep/ A-G requirements

[Integrated Math 1](#), Pearson

[Core Plus Math 1](#), McGraw Hill

[Integrated Math 1](#), CPM

[Integrated Math 1](#), Big Ideas Learning

[Integrated Math I](#), Common Core Houghton Mifflin Harcourt

[Odysseyware Academy Online Integrated Math I](#)

[Mathematics I](#), Edgenuity

## **Integrated Math II A/B**

## **UC/CSU “C” requirement**

Course Length:	2 semesters (10 credits)
Graduation Requirement:	Mathematics
Prerequisite:	Integrated Math I

### Course Description:

Integrated Math II is the second of three mathematics courses required for college entrance. The course content expands upon the mathematical content and techniques of Integrated Math I. In addition to further development of the strands with connections and applications, this course emphasizes unifying ideas such as mathematical modeling and argumentation, variation, algorithmic thinking, and multiple representations. The course emphasizes Geometry.

### Suggested texts for college prep/ A-G requirements

[Integrated Math II](#), Pearson

[Core Plus Math II](#), McGraw Hill

[Integrated Math 2](#), CPM

[Integrated Math II](#), Big Ideas Learning

[Integrated Math II](#), Common Core Houghton Mifflin Harcourt

[Odysseyware Academy Online Integrated Math II](#)

[Mathematics II](#), Edgenuity

## **Integrated Math III A/B**

## **UC/CSU “C” requirement**

Course Length: 2 semesters (10 credits)

Graduation Requirement: Mathematics

Prerequisite: Integrated Math II

### Course Description:

Integrated Math III is the third of three mathematics courses required for college entrance. The course content expands upon the mathematical content and techniques of Integrated Math II. Connections among the strands and unifying ideas continue with attention given to depth of understanding. Students successfully completing Integrated Math III are prepared for Pre-calculus or alternative mathematics courses that emphasize real-world applications in the social sciences, or life and physical sciences. This course emphasizes Algebra II and Trigonometry.

### Suggested texts for college prep/ A-G requirements

[Integrated Math III](#), Pearson

[Core Plus Math III](#), McGraw Hill

[Integrated Math III](#), CPM

[Integrated Math III](#), Big Ideas Learning

[Integrated Math III](#), Common Core Houghton Mifflin Harcourt

[Odysseyware Academy Online Integrated Math III](#)

[Mathematics III](#), Edgenuity

## **Algebra I A/B**

## **UC/CSU “C” requirement**

Course Length: 2 Semesters (10 Credits)

Graduation Requirement: Algebra I

Prerequisite: None

### Course Description:

Symbolic reasoning and calculations with symbols are central in algebra. Through the study of Algebra, a student develops an understanding of the symbolic language of mathematics and the sciences. In addition, algebraic skills and concepts are developed and used in a wide variety of problem-solving situations. Through practice and applications, students develop skills in dealing with the essentials of first-year algebra course, including properties of and operations with real numbers, linear and quadratic equations, inequalities, polynomials, rational expressions, radicals, problem-solving, factoring, and graphing.

### Suggested texts for college prep/ A-G requirements

[Algebra 1 \(California Edition\)](#), Prentice Hall

[Algebra 1 \(California Edition\)](#), Glencoe

[Algebra 1](#), Saxon

[Chalk Dust Algebra I](#), Larson

[Algebra 1 Common Core](#) Pearson

[Big Ideas Math, CA Algebra 1](#) National Geographic

Odysseyware Academy Online Curriculum Algebra I CCSS

Edgenuity Virtual Academy Algebra 1

Algebra I, Mr. D's Online Math

Algebra 1, ALEKS

Community College course

#### Basic texts

Algebra, AGS

Algebra I, Math-U-See

Algebra I, Teaching Textbooks

### **Algebra II A/B**

### **UC/CSU "C" requirement**

Course Length: 2 Semesters (10 Credits)

Graduation Requirement: Mathematics

Prerequisite: Algebra I

#### Course Description:

This discipline complements and expands the mathematical context and concepts of Algebra I and Geometry. Students who master Algebra II will gain experience with algebraic solutions and problems in various content areas, including the solution of systems of quadratic equations, logarithmic, and exponential functions, the binomial theorem, and the complex number system.

#### Suggested texts for college prep/ A-G requirements

Algebra 2 with Trigonometry (CA edition), Prentice Hall

Algebra 2, Glencoe

Chalk Dust Algebra II, Larson

Saxon Algebra 2, Saxon

Algebra 2, Common Core, Pearson

Big Ideas Math Algebra 2, National Geographic

Odysseyware Academy Online Curriculum Algebra II CCSS

Edgenuity Virtual Academy Algebra II

Algebra II, Mr. D's Online Math

Algebra 2, ALEKS

Community College course

#### Basic texts

Algebra 2 AGS

Algebra 2, Math-U-See

Algebra II Teaching Textbooks

## **Geometry A/B**

## **UC/CSU “C” requirement**

Course Length: 2 Semesters (10 Credits)  
Graduation Requirement: Mathematics  
Prerequisite: Algebra 1

### Course Description:

The geometry skills and concepts developed in this discipline are useful to all students. Aside from learning these skills and concepts, students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems. Geometry is the study of points, lines, and areas in a single plane with extensions into three-dimensional space. Emphasis is placed on creating a consistent set of axioms and using deductive reasoning to derive theorems. Students need to have a strong foundation in algebraic concepts.

### Suggested texts for college prep/ A-G requirements

[Geometry \(CA ed.\)](#), Glencoe  
[Geometry](#), McDougal Littell  
[Geometry](#), Big Ideas Learning  
[Geometry, Common Core](#), Pearson  
[Chalk Dust, Geometry](#), Larson  
[Geometry](#), Saxon  
[Odysseyware Academy Online Geometry CCSS](#)  
[Edgenuity Virtual Academy Geometry](#)  
[Mr. D’s Geometry Online Math](#)  
[ALEKS, Geometry](#)

### Basic texts

[Geometry](#), AGS  
[Geometry](#), Math-U-See  
[Geometry](#), Teaching Textbooks

## **Pre-Calculus A/B**

## **UC/CSU “C” requirement**

Course Length: 2 Semesters (10 Credits)  
Graduation Requirement: Mathematics  
Prerequisite: Algebra II

### Course Description:

Pre-Calculus is a course with college-level algebra and trigonometry that is designed to prepare students for the study of Calculus.

### Suggested texts for college prep/ A-G requirements

[Odysseyware Academy Online Pre-Calculus](#)  
[Edgenuity Virtual Academy Pre-Calculus](#)  
[Community College course](#)  
[Mr. D’s Pre-Calculus](#)

### Basic Texts

Pre-Calculus: Math U See  
Pre-Calculus, Teaching Textbooks  
Pre-Calculus, Functions and Graphs, Chalk Dust  
Pre-Calculus: Pearson, Addison Wesley  
Pre-Calculus, Mathematical Concepts, Glencoe

### Calculus A/B

### UC/CSU "D" requirement

Course Length: 2 Semesters (10 Credits)  
Graduation Requirement: Mathematics  
Prerequisite: Pre-Calculus

#### Course Description:

Calculus is a college level course and students must take this course at a community college for a-g credit. The following topics are included: functions, limits, derivatives and tangent lines, applications of derivatives, and derivatives, integrals and the area problem, applications of integrals, exponential functions and elementary differential equations.

Suggested texts for college prep/ A-G requirements

Community College course

### Basic texts

Calculus: Pearson, Addison Wesley  
Calculus: Math U See  
Calculus, Saxon  
Calculus, Glencoe  
AP Calculus, Edgenuity

### Higher Level Math

### UC/CSU "C" requirement

Concurrent enrollment at a community college is necessary for advanced coursework and is not offered through SVA.

## Science

### Life Science

### Life Science A/B

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Life Science  
Prerequisite: None

Course Description:

In this course, students will use experimentation and inquiry to explore the basic concepts of biological science. All aspects of life will be investigated, including, cellular structure, structure, and function of plants and animals, genetics, evolution, diversity, and principles of classification, and ecological relationships.

Basic texts

Biology, AGS

Concepts and Challenges in Life Science, Globe Fearon

Janus Life Science, Globe Fearon

**Biology with a lab A/B**

**UC/CSU “D” requirement**

Course Length: 2 Semesters (10 credits)

Graduation Requirement: Laboratory Life Science

Prerequisite: None

Course Description:

In this course, students will use experimentation and inquiry to explore the basic concepts of biological science. All aspects of life will be investigated, including, cellular structure, structure, and function of plants and animals, genetics, evolution, diversity, and principles of classification, and ecological relationships. Labs accompanying concepts introduced are required for this course to be considered “A-G.”

Suggested texts for college prep/A-G requirements

Biology, Pearson (2017)

Modern Biology, Holt, Rinehart, Winston

Biology, Glencoe

Odysseyware Online Biology

Edgenuity Virtual Academy Biology

Community College course

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**Physical Science**

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**Physical Science A/B**

Course Length: 2 Semesters (10 credits)

Graduation Requirement: Physical Science

Prerequisite: None

Course Description:

This course covers the properties of matter, elements, compounds, electricity, and sound and light. Students reading significantly below grade level gain practice in working with data and sharpen their abilities to infer, classify, and theorize.

Suggested texts for college prep (not A-G)

Physical Science, Glencoe

Physical Science with Earth and Space Science, Holt

Physical Science, Holt

Physical Science: Science Explorer, Pearson

Basic texts

Physical Science, AGS

Concepts and Challenges in Physical Science, Globe Fearon

**Earth Science with a lab A/B**

**UC/CSU “D” requirement**

Course Length: 2 Semester (10 credits)

Graduation Requirement: Physical Science

Prerequisite: None

Course Description:

Earth Science is a science that covers the following: matter and chemical composition of the Earth, Earth processes, the many forms of energy in the Earth’s system, biological and geochemical cycles, applications and solutions to problems in the California setting, and the principles of conservation as it applies to the physical and environmental world in which we live. Labs accompanying concepts introduced are required for this course to be considered “A-G.”

Suggested Texts for college prep/ A-G requirements

Earth Science, Glencoe

Odysseyware Online Earth Science

Edgenuity Virtual Academy Earth Science

Basic Text

Earth Science, Holt

Earth Science: Geology, Environment and the Universe, McGraw Hill

Earth Science, AGS

Concepts and Challenges in Earth Science, Globe Fearon



**Chemistry with a lab A/B****UC/CSU "D" requirement**

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Laboratory Science  
Prerequisite: Biology and Algebra II

**Course Description:**

Chemistry is taught as a concept-oriented course with emphasis on understanding the general laws governing the properties of the elements, their compounds, and their reactions. Importance will be placed on understanding how chemical principles and concepts are developed and how these principles can be used to explain phenomena in everyday life. Ample mathematical application is made in all topics. Students will be introduced to the principles of atomic theory, periodic law, bonding, molecular formulas, equations, stoichiometry, solutions, and acid-base chemistry, equilibrium, and thermochemistry. Descriptive chemistry and the chemistry of carbon compounds are integral parts of the course. Labs accompanying concepts introduced are required for this course to be considered "A-G."

**Suggested texts for college prep/ A-G requirements**

Basic Chemistry, Pearson  
Odysseyware Online Chemistry  
Edgenuity Virtual Academy Chemistry  
Community College course

**Physics with a lab A/B****UC/CSU "D" requirement****Suggested for college prep/a-g requirements**

Community College course  
Odysseyware Online Physics  
Edgenuity Virtual Academy Physics

SVA does not offer Physics laboratory work, so in order for Physics to fulfill the requirement for the "a-g" lab science requirement, students must take this course at a community college, online with Odysseyware, or with Edgenuity Virtual Academy.

## Languages Other Than English

Students will learn a language to engage in conversations, express feelings and emotions, and exchange opinions and information. They will understand and interpret written and spoken language on diverse topics from diverse media. Students will present information, concepts, and ideas to an audience of listeners or readers on a variety of topics. They will understand traditional ideas and perspectives, institutions, professions, literary and artistic expressions, and other components of the target culture. They will understand that different languages use different patterns to communicate and apply this knowledge to the target and native languages. SVA students on the A-G track must take Languages Other Than English at a community college or through approved online classes. One semester of Community College Language Other Than English fulfills the A-G 2-year requirement.

### Spanish I A/B

### UC/CSU “E” requirement

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Language other than English/Humanities  
Prerequisite: None

#### Course Description:

This course gives students the basic language tools and experiences that constitute the first step toward proficiency in Spanish. Course work will include instruction in grammar, spelling, pronunciation, and punctuation. Students will become better acquainted with the people and customs through exposure to music, art, sports, recreational activities, festivals, history, and geography. Students will become aware of the opportunities to use their knowledge and skills in travel, careers, and future academic studies.

Suggested for college prep/a-g requirements

[Accelerate Online Curriculum Spanish I Competency](#)

[Odysseyware Academy Online Curriculum Spanish I](#)

[Community College Elementary Spanish I](#)

Basic texts

[Avancemo Holt](#)

[Instant Immersion Spanish I](#)

[Rosetta Stone Spanish 1](#)

### Spanish II A/B

### UC/CSU “E” requirement

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Language other than English/Humanities  
Prerequisite: Spanish I with a “C” or better

Course Description:

This course expands and refines the speaking and listening skills necessary to attain competence in complex conversations and writing. The vocabulary will continue to expand. Phonics review and further grammatical concepts will be taught.

Note: Shasta College Elementary Spanish (5 college unit course) takes the place of Spanish I and II for the purposes of meeting the A-G (college prep) 2 year requirement.

Suggested for college prep/ A-G requirements

[Accelerate Online Curriculum Spanish II Competency](#)

[Odysseyware Academy Online Curriculum Spanish II](#)

[Community College Elementary Spanish II course](#)

Basic texts

[Instant Immersion Spanish 2](#)

[Rosetta Stone Spanish 2](#)

**Spanish III A/B**

**UC/CSU “E” requirement**

Course Length:

2 semesters (10 credits)

Graduation Requirement:

Language Other Than English/Humanities

Prerequisite:

Spanish I/ II with “C” or better or Shasta College

Elementary Spanish

Course Description:

Expand and refine the speaking and listening skills necessary to attain competence in complex conversations and writing. The vocabulary will continue to expand. Phonics review and further grammatical concepts will be learned.

Suggested for college prep/ A-G requirements

[Accelerate Online Curriculum Spanish III Competency](#)

[Community College Intermediate Spanish](#)

Note: Shasta College Intermediate Spanish (5 college unit course) takes the place of Spanish II and III for the purposes of A-G (college prep) recommended Language Other Than English course work.

**Spanish IV**

**UC/CSU “E” requirement**

Course Description:

Expand and refine the speaking and listening skills necessary to attain competence in complex conversations and writing. The vocabulary will continue to expand. Phonics review and further grammatical concepts will be learned.

**Prerequisite:** Shasta College Elementary Spanish

Suggested for college prep/A-G requirements

[Community College Intermediate Spanish](#)

**French I A/B****UC/CSU “E” requirement**

Course Length:	2 Semesters (10 credits)
Graduation Requirement:	Language other than English/Humanities
Prerequisite:	None

**Course Description:**

This course gives students the basic language tools and experiences that constitute the first step toward proficiency in French. Course work will include instruction in grammar, spelling, pronunciation, and punctuation. Students will become better acquainted with the people and customs through exposure to music, art, sports, recreational activities, festivals, history, and geography. Students will become aware of the opportunities to use their knowledge and skills in travel, careers, and future academic studies.

Suggested for college prep/A-G requirements

[Accelerate Online Curriculum French I Competency](#)

[Odysseyware Online French 1](#)

[Community College course](#)

**Basic texts**

[Rosetta Stone, French I](#)

[Instant Immersion French I](#)

[Bon Voyage French, Glencoe](#)

**French II A/B****UC/CSU “E” requirement**

Course Length:	2 Semesters (10 credits)
Graduation Requirement:	Language other than English/Humanities
Prerequisite:	French I with a “C” or better

**Course Description:**

This course expands and refines the speaking and listening skills necessary to attain competence in complex conversations and writing. The vocabulary will continue to expand. Phonics review and further grammatical concepts will be taught.

Suggested for college prep/A-G requirements

[Accelerate Online Curriculum French II Competency](#)

[Odysseyware Online French II](#)

[Community College course](#)

**Basic texts**

[Rosetta Stone French II](#)

[Instant Immersion French II](#)

[Bon Voyage French 2, Glencoe](#)

**French III A/B****UC/CSU “E” requirement**

Course Length: 2 semesters (10 credits)  
 Graduation Requirement: Language Other Than English/Humanities  
 Prerequisite: French I and II with a “C” or better

**Course Description:**

This course emphasizes communicating in French. It also emphasizes listening, speaking, reading and writing skills in preparation for advanced work. This course teaches expressing French in the present and past tense. There is a focus on reading comprehension in the French language.

Suggested for college prep/A-G requirements

Accelerate Online Curriculum French III Competency

Community College course

Basic Texts

Rosetta Stone French 3, Rosetta Stone

Instant Immersion French 3

**French IV****UC/CSU “E” requirement**

Course Length: 2 semesters (10 credits)  
 Graduation Requirement: Language other than English/Humanities  
 Prerequisite: French I, II, and III with “C” or better

**Course Description:**

Communicate in French. Emphasize listening, speaking, reading and writing skills in preparation for advanced work. Be able to express yourself at a basic level in present and past tense. Additionally, emphasize the focus on reading comprehension in the French language.

Suggested for college prep/A-G requirements

Community College course

**American Sign Language I A/B****UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)  
 Graduation Requirement: Language other than English/Humanities  
 Prerequisite: None

**Course Description:**

American Sign Language is a total immersion, whole language based approach to the acquisition of American Sign Language fluency, as required for conversational signed communication. The student will master conversational sign language and gain an understanding of a wide variety of cultural issues concerning the deaf community. Topics covered are grammatical structures, spatial referencing, abstract ideas, and concrete objects.

Suggested for college prep/A-G requirements

Community College course

eDynamic online American Sign Language 1A & 1B

Basic texts

Signing Naturally Level 1, Dawn Sign Press

The Joy of Signing, Gospel House Publishing

## **American Sign Language II A/B**

**UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)

Graduation Requirement: Language other than English/Humanities

Prerequisite: American Sign Language I with a “C” or better

Course Description:

This course expands and refines the skills necessary to attain competence in complex conversations. The vocabulary will continue to expand. Review and further grammar concepts will be taught.

Suggested for college prep/A-G requirements

Community College American Sign Language course

eDynamic online Sign Language 2A & 2B

## **American Sign Language III and IV**

**UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)

Graduation Requirement: Language other than English/Humanities

Prerequisite: American Sign Language I and II with a “C” or better

Course Description:

This course expands and refines the skills necessary to attain competence in complex conversations. The vocabulary will continue to expand. Review and further grammar concepts will be taught.

Suggested for college prep/A-G requirements

Community College Course

## **German I A/B**

**UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)

Graduation Requirement: Language other than English/Humanities

Prerequisite: None

Course Description:

This course gives students the basic language tools and experiences that constitute the

first step toward proficiency in German. Course work will include instruction in grammar, spelling, pronunciation, and punctuation. Students will become better acquainted with the people and customs through exposure to music, art, sports, recreational activities, festivals, history and geography. Students will become aware of the opportunities to use their knowledge and skills in travel, careers and future academic studies.

Suggested for college prep/A-G requirements

[Accelerate Online German 1](#)  
[Community College course](#)

Basic Texts

[Rosetta Stone, German I](#)  
[Instant Immersion German I](#)

### **German II A/B**

**UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Language other than English/Humanities  
Prerequisite: German I with a “C” or better

Course Description:

This course expands and refines the speaking and listening skills necessary to attain competence in complex conversations and writing. The vocabulary will continue to expand. Phonics review and further grammatical concepts will be taught.

Suggested for college prep/A-G requirements

[Accelerate Online German II](#)  
[Community College course](#)

Basic Texts

[Rosetta Stone German II](#)  
[Instant Immersion German II](#)

### **Latin I A/B**

**UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Language other than English/Humanities  
Prerequisite: None

Course Description:

This course gives students the basic language tools and experiences that constitute the first step toward proficiency in Latin. Course work will include instruction in grammar, spelling, pronunciation, and punctuation. Students will become better acquainted with the people and customs through exposure to music, art, sports, recreational activities, festivals, history and geography. Students will become aware of the opportunities to

use their knowledge and skills in travel, careers and future academic studies.

Suggested for college prep/A-G requirements

Accelerate Online Latin I Competency

Basic Texts

Ecce Romani, Prentice Hall

Rosetta Stone Latin

## **Latin II A/B**

**UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Language other than English/Humanities  
Prerequisite: Latin I with a “C” or better

Course Description:

This course expands and refines the speaking and listening skills necessary to attain competence in complex conversations and writing. The vocabulary will continue to expand. Phonics review and further grammatical concepts will be taught.

Suggested for college prep/A-G requirements

Accelerate Online Curriculum Latin II Competency

Basic texts

Rosetta Stone Latin

## **Chinese I A/B**

**UC/CSU “E” requirement**

Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Language other than English/Humanities  
Prerequisite: None

Course Description:

This course teaches the basic language tools and experiences that constitute the first step toward proficiency in Chinese. This course includes instruction in grammar, spelling, pronunciation and punctuation. Students become better acquainted with the people and customs of China through exposure to music, art, sports, recreational activities, festivals, history and geography of China.

Suggested for college/A-G requirements

Accelerate Online Curriculum Chinese I Competency

Community College course

## **Chinese II A/B**

**UC/CSU “E” requirement**



Course Length: 2 Semesters (10 credits)  
Graduation Requirement: Language other than English/Humanities  
Prerequisite: Chinese I with a “C

Course Description:

Gain the basic language tools and experiences that constitute the first step toward proficiency in Chinese. This course includes instruction in grammar, spelling, pronunciation and punctuation. Students become better acquainted with the people and customs of China through exposure to music, art, sports, recreational activities, festivals, history and geography.

Suggested for college/A-G requirements:

Accelerate Online Curriculum Chinese II Competency

Community College course

**It is recommended that students wishing to pursue Languages Other Than English not listed above explore Community College courses.**

## Visual and Performing Arts/Humanities

Visual and Performing Arts courses are courses that are dance, music, theater or any of the visual arts (drawing, painting, ceramics etc.). The following courses are some options for students. Please discuss available resources, texts, and instruction with your SVA Teacher.

Art History  
Art Appreciation  
Applied Art I – IV  
Drawing I -IV  
Ceramics  
Applied Dance I – IV  
Ballet  
Jazz  
Tap Dance  
Modern Dance  
Applied Music Instrument I - IV  
Music History  
Applied Music I - IV  
Applied Music-Voice I - IV  
Music Appreciation  
Film Studies  
History of Film  
Theater Arts  
Photography

**A-G Visual and Performing Arts Options:**

Applied Art I (Classroom based - Woodley)

Accelerate Online Basic Drawing

Accelerate Online Beginning Painting

Accelerate Online Digital Photography

Accelerate Online Photo Journalism

Edgenuity Online Visual Art

Community College Visual and Performing Arts courses

Check with your SVA Teacher for possible new online A-G visual and performing arts course options.

## Physical Education

**Physical Education I and II A/B and Physical Education Elective**

Course Length: 1 semester (5 credits)

Course Requirements: Physical Education (20 credits/Elective)

**Course Description:**

At the beginning of each semester students, parents and SVA Teachers will structure a physical education plan to assure students address each of the following standards:

1. Demonstrates competency in many movement forms and proficiency in a few movement forms
2. Applies movement concepts and principles to the learning and development of motor skills
3. Exhibits a physically active lifestyle
4. Achieves and maintains a health-enhancing level of physical fitness
5. Demonstrates responsible personal and social behavior in physical activity settings
6. Demonstrates understanding and respect for differences among people in physical activity settings
7. Understand that physical activity provides opportunities for enjoyment, challenge, self-expression, and social interaction

Students will keep an activity log to account for the physical education standards. Other areas can be addressed through written work, research, discussion and/or presentations. (For more information on the California Physical Education Standards, please visit

[www.cde.ca.edu](http://www.cde.ca.edu)).

#### Suggested texts

Fitness for Life, Scott-Foresman

Homeschool Family Fitness, Homeschool Family Fitness

Foundation of Personal Fitness, Glencoe

## Health and Driver's Education

### Driver's Education

Course Length: 1 quarter (2.5 credits) or 1 semester (5 credits)

Course Requirements: Elective, not required for graduation

#### Course Description:

This course meets part of the requirements needed to apply for a California Driver's License. (Students must also take a "Behind the Wheel" training course offered by community organizations.) The Driver's Ed course work will allow the student to perform safely in the automobile transportation system. Once the course is completed, students are issued a DMV "pink slip" necessary for a Learner's Permit.

#### Basic texts

Responsible Driving, Glencoe (5 credits)

Driver's Ed To Go Online **Recommended** (2.5 credits)

### Health

Course Length: 1 quarter (2.5 credits)

Graduation Requirement: Health

Prerequisite: None

#### Course Description:

In this course, students become acquainted with the availability and effective use of health services, products, and information. They explore environmental and external factors that affect individual and community health. They understand the relationship of family health and individual health and learn the essential concepts and practices concerning injury prevention and safety and understand essential concepts about nutrition and diet. Students learn how to maintain and promote personal health and know about prevention and the control of disease.

#### Basic Texts

Glencoe Health, Glencoe

Life Time Health, Holt

Health, Holt

## Comprehensive Sexual Health

### Positive Prevention Plus

#### Heart Health Education and Relationship Training

Course Length:	1 semester (2.5 credits)
Course Category:	Elective
Prerequisite:	None

#### Course Description:

This course meets the requirements of the California Healthy Youth Act. The purpose of the California Healthy Youth Act is to provide students with the knowledge and skills necessary to:

- Protect their sexual and reproductive health from HIV and other sexually transmitted infections and from unintended pregnancy;
- Develop healthy attitudes concerning adolescent growth and development, body image, gender, sexual orientation, relationships, marriage, and family;
- Have healthy, positive, and safe relationships and behaviors;
- To promote understanding of sexuality as a normal part of human development;
- To ensure pupils receive integrated, comprehensive, accurate, and unbiased sexual health and HIV prevention instruction and provide educators with clear tools and guidance to accomplish that end.

This course is required for all high school students. Parents/guardians may “opt-out” their child from taking this course. Please discuss with your SVA Teacher.

#### Required Curriculum

Positive Prevention Plus Online Program

Heart Health Education and Relationship Training Online Program

## Technology

SVA offers many online technology courses through online publishers. Odysseyware Academy, eDynamic Learning, and Edgenuity have online course options for technology and many can be used to satisfy the A-G elective requirements and at the same time satisfy the 10 credit Technology/Vocational/Life Skills SVA requirement. Check with your SVA Teacher for a list of these online options, or visit the online websites.

## **Computer Applications I A/B**

Course Length:	2 Semesters (10 credits)
Graduation Requirement:	Tech/Voc/Life Skills
Prerequisite:	None

### Course Description:

This course teaches students to develop the skills needed to be proficient in computer use of Microsoft's Word processor. Students become familiar with the Windows operating system. Explore desktop publishing, Microsoft's Excel spreadsheet, Microsoft's PowerPoint presentation software and navigation of the internet.

### Basic texts/materials

Computing Essentials, McGraw Hill  
Microsoft Office 2000, Computer Literacy Press  
Office XP – A Comprehensive Approach, Glencoe  
Computer Literacy, Globe Fearon

## **Computer Applications II A/B**

Course Length:	2 Semesters (10 credits)
Graduation Requirement:	Tech/Voc/Life Skills
Prerequisite:	Computer Applications I A/B

### Course Description:

Students continue to develop the skills needed to be proficient in the use of Microsoft's word processor. Further knowledge of the Windows operating system. Explore desktop publishing, Microsoft's Excel spreadsheet, Microsoft's PowerPoint presentation software and navigating the Internet.

### Basic Texts

Computers: Understanding Technology, Paradigm

## **Keyboarding A/B**

Course Length:	2 Semesters (10 credits)
Graduation Requirement:	Tech/Voc/Life Skills
Prerequisite:	None

### Course Description:

In this course, students will develop correct techniques for touch-typing in order to increase the speed and accuracy of their typing abilities. Students will also be introduced to basic conventional typing practices. Timed tests that track the number of words typed per minute and the number of mistakes made per minute will be given regularly. A computer with a word processing program is needed for coursework.

## Suggested texts

Keyboarding with Computer Applications, Glencoe

Keyboard – Typing, Mavis Beacon

Ultrakey 4.0, Bytes of Learning

Mavis Beacon

## Vocational/Life Skills

Connecting your high school experience to your future is vital, whether this be college/university, vocational training, travel, or pursuing your passion. High school is not so much preparation for a “job,” but preparing for the future and, in the words of John Holt, “if you know what kind of work you want to do, move toward it in the most direct way possible.”

SVA offers many different courses that fulfill the Tech/Voc/Life Skills and/or elective graduation requirements. These courses help you explore your passions and interests and help you discover new and exciting career paths. Discuss with your SVA Teacher what may interest you. Some examples of courses offered:

- Animal Husbandry
- Auto Technology
- Blacksmithing
- Career Exploration
- Career Planning
- Carpentry
- Child Development
- Clothing/Textiles/Fashion
- CPR and First Aid
- Criminal Law
- Culinary Arts
- Food and Nutrition
- Food and Nutrition
- Gaming
- Home Economics
- Horsemanship
- Hospitality
- Internship
- Landscaping
- Life Skills
- Parenting Skills
- Service Learning
- Sewing
- Sewing and Clothing
- Small Engine Repair
- Study Skills

Welding  
Woodworking

All eDynamic Learning online courses are career education courses. Refer to [www.edynamiclearning.com](http://www.edynamiclearning.com) for course selections and descriptions.

## College and Career Readiness

### Focus on College and Career

### UC/CSU “E” requirement

Course Length:

1 semester (5 credits)

Graduation Requirement:

Career and College Readiness

Prerequisite:

None

This course is required for all incoming high school students enrolling in SVA. This course is a prerequisite for all students wishing to complete an Internship.

#### Course Description:

This course guides students to examine their personal, social, educational, career, and /or vocational goals. Students complete an online comprehensive plan and portfolio (My10YearPlan.com) to help chart their college and career path. Students have the option of attending a weekly class that provides peer group activities to support all the course assignments.

Text for college prep/A-G requirement

Career Choices and Changes Textbook and Workbook, Academic Innovations

Career Choices and Changes Online Textbook and Workbook, Academic Innovations

Basic Texts

Foundations in College Prep and Career Readiness, Dave Ramsey (**Recommended**)

## Career Technical Education Pathways

**Career Technical Education (CTE)** provides students with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners. CTE prepares these learners for the world of work by introducing them to workplace competencies, and makes academic content accessible to students by providing it in a relevant context. Your SVA Teacher can provide you with course descriptions.

SVA offers the following pathways:

- Business Management
- Engineering Design
- Family and Human Services
- Fire Science
- Food Service and Hospitality
- Forestry and Natural Resources
- Information Support and Services
- Patient Care
- Agricultural Science
- Animation
- Visual/Commercial Art
- Game Design
- International Business
- Child Development
- Cosmetology
- Biotechnology
- Mental and Public Health
- Networking
- Systems Programming
- Web and Social Media Programming
- Games and Simulations
- Marketing
- Entrepreneurship
- Public Safety
- Emergency Response
- Legal Practices

## Elective Courses

SVA has an extensive list of elective courses. Elective courses are required and as with career education courses, these courses enable students to pursue their interests and passions. In addition, once graduation requirements are met in a required category (English, Math, Social Sciences, Life and Physical Sciences, Humanities, Physical Education, Health, and Technology/Vocational/Life Skills), additional courses in these categories are then considered electives.

College prep “A-G” approved elective courses offered by SVA are listed on our A-G approved course list and are updated yearly. Please discuss elective selections with your SVA Teacher. Any core A-G courses, once the category requirement is met, can be used to fulfill the elective category.