



# 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). 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 upper level students and “a-g” requirements

The Language of Literature - 9, McDougal Littell

Literature and Language Arts Third Course - Holt

California Treasures – Course 4, Glencoe

Prentice Hall Literature Grade 9, Prentice Hall

Collections 9, Houghton Mifflin

Mirrors and Windows, Connecting with Literature IV, EMC

MyPerspectives, Pearson

iLit (online) Pearson

Apex Online Curriculum Common Core English 9

Odysseyware Academy Online Curriculum English I CCSS

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

#### English I - 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). 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 upper level students and “a-g” requirements

The Language of Literature - 10, McDougal Littell  
California Treasures, Literature Course 5 Glencoe  
CA Reading and Language 10, Prentice Hall  
Collections 10 – Houghton Mifflin  
Mirrors and Windows, Connecting with Literature Level V, EMC  
MyPerspectives, Pearson  
iLit (online) Pearson  
Apex Online Curriculum Common Core English 10  
Odysseyware Academy Online Curriculum English II CCSS  
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

### English II- 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. 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 upper level students and “a-g” requirements

American Literature, McDougal Littell

American Literature, CA Treasures, Glencoe

Prentice Hall Literature, The American Experience, Prentice Hall

Pearson Literature, The American Experience, Pearson

Mirrors and Windows, Connecting with Literature, American Tradition, EMC

MyPerspectives, Pearson

Apex Online Curriculum, Common Core English 11

Odysseyware Academy Online Curriculum English III CCSS

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

### English III- 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 upper level students and “a-g” requirements

British Literature, McDougal Littell

British Literature, California Treasures, Glencoe

Prentice Hall Literature, The British Tradition, Prentice Hall

Mirrors and Windows Connecting with Literature British Tradition, EMC

MyPerspectives, Pearson

Apex Online Curriculum, Common Core English 12

Odysseyware Academy Online Curriculum English IV CCSS

Community College 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

### English IV- 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 upper level students and “a-g” requirements

eDynamic Learning Online Curriculum Public Speaking

Speech – 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 upper level students and “a-g” requirements

Apex Online Curriculum, Creative Writing

eDynamic Online Curriculum, Creative Writing

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

Journalism Today, Glencoe

Florida Virtual School Online Curriculum, Journalism

## 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 upper level students and “a-g” requirements

[World History, Modern Times, Glencoe](#)

[World History, The Modern Era, Glencoe](#)

[Modern World History, Patterns of Interaction CA edition, McDougal Littell](#)

[World History, The Modern World, CA edition, Prentice Hall](#)

[Apex Online Curriculum World History](#)

[Apex Online Curriculum World History since the Renaissance](#)

[Apex Online Curriculum World History since the Renaissance](#)

[Odysseyware Academy Online Curriculum World History](#)

[Odysseyware Academy Online Curriculum World Civilizations](#)

[Odysseyware Academy Online Curriculum World Geography](#)

[Community College course](#)

#### World History - Basic Texts

[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 upper level students and “a-g” requirements

[American History, The Modern Era Since 1865](#), Glencoe

[The American Vision, Modern Times](#), Glencoe

[American Odyssey](#), Glencoe

[Odysseyware Academy Online Curriculum U.S. History Foundations to Present](#)

[Florida Virtual School Online Curriculum U.S. History](#)

[UC Scout Online Curriculum](#)

[Community College course](#)

### U.S. History - 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 among 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 upper level students and “a-g” requirements

United States Government: Democracy in Action, Glencoe

American Government, Holt

Magruder’s American Government, Prentice Hall

Apex Online Curriculum US Government and Politics

Odysseyware Academy Online Curriculum Government

Community College courses

### U.S. Government - Basic Texts

United States Government, AGS

## 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 principals of micro-and macroeconomics, international economics, comparative economics systems, measurement, and methods.

### Suggested texts for upper level students and “a-g” requirements

Economics: Principles and Practices, Glencoe

Economics: Principles in Action, Prentice Hall

Odysseyware Academy Online Curriculum Economics

Community College course

### Economics - Basic Texts

Economics, AGS



## 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

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 upper level students

Mathematics with Business Applications, Glencoe

#### Consumer Math - Basic Texts

Consumer Mathematics, AGS

Math for the World of Work, 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

Concepts and Skills Course 2, McDougall Littell

[Pre-Algebra](#), Math-U-See  
[Pre-Algebra](#), American Guidance Service (AGS)  
[Pre-Algebra](#), Teaching Textbooks

## **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 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 upper level students and “a-g” requirements

[Integrate Math I](#), Pearson  
[Integrated Math I](#), Glencoe  
[Integrated Math I](#), Common Core Houghton Mifflin Harcourt  
[Apex Online Curriculum Mathematics I Common Core](#)  
[Odysseyware Academy Online Curriculum Integrated Mathematics I](#)

## **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 course 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 upper level students and ‘a-g’ requirements

[Integrated Math II](#), Pearson  
[Integrated Math II](#), Glencoe  
[Integrated Math II](#), Common Core Houghton Mifflin Harcourt  
[Apex Online Curriculum Mathematics II Common Core](#)  
[Odysseyware Academy Online Curriculum Integrated Mathematics II](#)

## 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 attentions 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 upper level students and “a-g” requirements

[Integrated Math III](#), Pearson

[Integrated Math III](#), Glencoe

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

[Apex Online Curriculum Mathematics III Common Core](#)

[Odysseyware Academy Online Curriculum Integrated Math III](#)

## 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 operation with real numbers, linear and quadratic equations, inequalities, polynomials, rational expressions, radicals, problem solving, factoring, and graphing.

### Suggested texts for upper level students and “a-g” requirements

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

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

[Chalk Dust Algebra I](#), Larson

[Algebra 1](#), Harcourt Achieve/Saxon

[Algebra 1, Concepts and Skills](#), McDougall Littell

[Apex Online Curriculum Algebra I Common Core](#)  
[Odysseyware Academy Online Curriculum Algebra I CCSS](#)  
[UC Scout Online Curriculum Algebra I](#)  
[Community College course](#)

#### Algebra I - 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 upper level students and “a-g” requirements

[Algebra 2 with Trigonometry](#) (CA edition), Prentice Hall  
[Saxon Algebra 2](#), Harcourt Achieve/Saxon  
[Chalk Dust Algebra II](#), Larson  
[Algebra 2](#), Glencoe  
[Apex Online Curriculum Algebra II Common Core](#)  
[Odysseyware Academy Online Curriculum Algebra II CCSS](#)  
[UC Scout Online Curriculum Algebra II](#)  
[Community College course](#)

#### Algebra II - Basic Texts

[Algebra 2](#) AGS  
[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 upper level students and “a-g” requirements

Geometry (CA ed.), Prentice Hall

Geometry (CA ed.), Glencoe

Geometry, McDougal Littell

Geometry, Common Core, Pearson

Apex Online Curriculum Geometry Common Core

Florida Virtual School Online Curriculum Geometry

Odysseyware Academy Online Curriculum Geometry CCSS

UC Scout Online Curriculum Geometry

Community College course

Geometry - Basic Texts

Geometry, AGS

Geometry, Math-U-See

Geometry, Teaching Textbooks

**Trigonometry A/B**

**UC/CSU “c” requirement**

Course Length: 2 Semesters (10 Credits)

Graduation Requirement: Mathematics

Prerequisite: Algebra II

Course Description:

This is a course of study of all the mathematical concepts necessary for success in a Calculus class, including probability, statistics, series and sequences, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, vectors, rectangular and polar coordinates, and matrices and determinants.

Suggested texts for upper level students and “a-g” requirements

Trigonometry, Pearson

Odysseyware Academy Online Curriculum Trigonometry

## 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 upper level students and “a-g” requirements

[Apex Online Curriculum Pre-Calculus](#)

[Odysseyware Academy Online Curriculum Pre-Calculus](#)

[Community College course](#)

Pre-Calculus - Basic Texts

[Pre-Calculus: Math U See](#)

[Pre Calculus, Teaching Textbooks](#)

[Pre-Calculus: Pearson, Addison Wesley](#)

[Pre-Calculus, Mathematical Concepts, Glencoe](#)

## Calculus A/B

## UC/CSU “c” 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, ant derivatives, integrals and the area problem, applications of integrals, exponential functions and elementary differential equations.

Suggested texts for upper level students and “a-g” requirements

[Community College course](#)

Basic Texts

[Calculus: Pearson, Addison Wesley](#)

[Calculus: Math U See](#)

[Calculus, Saxon](#)

[Calculus, Glencoe](#)

## Higher Level Math

## UC/CSU “c” requirement

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

## 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.

Suggested texts for upper level students

Life Science, Glencoe

Life Science – 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 “g” 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 upper level students and “a-g” requirements

Modern Biology, Holt, Rinehart, Winston (recommended)

Biology – The Dynamics of Life (CA edition), Glencoe

Biology: Exploring Life, (with Lab Manual), Prentice Hall

Biology, Glencoe

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 upper level students

Physical Science, Glencoe

Physical Science with Earth and Space Science, Holt

Physical Science - Basic Texts

Physical Science, AGS

Concepts and Challenges in Physical Science, Globe Fearon

### Earth Science A/B

Course Length: 2 Semester (10 credits)

Graduation Requirement: Physical Science

Prerequisite: None

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 conservations as it applies to the physical and environmental world in which we live.

Suggested texts for upper level students

Earth Science: Geology, Environment and the Universe, Glencoe

Earth Science - Basic Texts

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, solution 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 upper level students and “a-g” requirements

Chemistry, Matter and Change (CA edition), Glencoe

Chemistry, Concepts and Applications, Glencoe

Modern Chemistry, Holt, Rinehart and Winston\* recommended

Chemistry, Pearson/Prentice Hall

Community College course

## **Physics with a lab A/B**

## **UC/CSU “d” requirement**

Course Length: 2 Semesters (10 credits)

Graduation Requirement: Physical Science

Prerequisite: Chemistry and Algebra II

### Course Description:

This introductory course deals with the foundations of physics. Emphasis is on the development of an intuitive understanding of physics principles, as well as problem solving with the use of mathematics. The laboratory work should help the student develop reasoning power and the ability to apply physics principles, as well as acquaint the student with sound laboratory techniques.

### Suggested texts for upper level students and “a-g” requirements

Community College course

New Day Academy 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. Completing the following textbook assignments without the labs would only fulfill NDA’s Physical Science requirement.

## Language 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.

\*NDA recommends students on the UC/CSU track take Languages Other Than English at a community college or through approved online classes.

### 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 upper level students and “a-g” requirements

[Accelerate Online Curriculum Spanish I Competency](#)

[Odysseyware Academy Online Curriculum Spanish I](#)

[Community College Spanish I course](#)

#### 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.

Suggested for upper level students and “a-g” requirements

[Accelerate Online Curriculum Spanish II Competency](#)

[Odysseyware Academy Online Curriculum Spanish II](#)

[Community College Spanish II course](#)

Spanish II - 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 and II with “C” or better

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 upper level students and “a-g” requirements

[Accelerate Online Curriculum Spanish III Competency](#)

[Community College course](#)

## Spanish IV

## UC/CSU “e” requirement

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:** grade “C” or better in Spanish III

[Community College course](#) is recommended for Spanish IV

## 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 upper level students and “a-g” requirement:

[Accelerate Online Curriculum French I Competency](#)  
[Community College course](#)

### French I – 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 upper level students and “a-g” requirements

[Accelerate Online Curriculum French II Competency](#)  
[Community College course](#)

### French II - 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 the focus on reading comprehension in the French language.

Suggested for upper level students and “a –g” requirements

Accelerate Online Curriculum French III Competency  
Community College course

#### **French III - 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 upper level students and “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 upper level students and “a-g” requirements

Signing Naturally Level 1, Dawn Sign Press

The Joy of Signing, Gospel House Publishing

Community College course

## **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 upper level students and “a-g” requirements

Community College American Sign Language course

## **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 texts for upper level students and “a-g” requirements

Community College American Sign Language 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 upper level students and “a-g” requirements

[Fuel Education Online Curriculum German I Competency](#)  
[Community College course](#)

### German I - 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 upper level students and “a-g” requirements

[Fuel Education Online Curriculum German II Competency](#)  
[Community College course](#)

### German II - 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 upper level students and “a-g” requirements

[Accelerate Online Latin I Competency](#)

### Latin I - 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 upper level students and “a-g” requirements

[Accelerate Online Curriculum Latin II Competency](#)

### Latin II - 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 upper level students and “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 II 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 upper level students and “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 teacher.

\*\*Indicates NDA approved “a-g” courses. Many Community College courses may be taken to meet the UC/CSU Visual and Performing Arts one year “f” requirement.

Note: UC/CSU does not approve any online visual and performing arts courses.

Art History  
Art Appreciation  
Applied Art I – IV  
Painting I \*\*  
Painting II - IV  
Drawing I\*\*  
Drawing II - IV  
Ceramics I\*\*  
Applied Dance I – IV  
Ballet\*\*  
Jazz  
Tap Dance  
Modern Dance\*\*  
Applied Music-Instrument I - IV  
Music History\*\*  
Applied Music I\*\*  
Applied Music II - IV  
Applied Music-Voice I - IV  
Concert Choir\*\*  
Music Appreciation  
Film Studies  
American Theater\*\*  
History of Film  
Script Writing  
Photography

## Physical Education

### Physical Education A/B and Physical Education Elective

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

Course Requirements: Physical Education (20 credits/Elective

Course Description:

At the beginning of each semester students, parents and 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.

#### Driver's Ed - Basic Texts

Responsible Driving, Glencoe (5 credits)

Driver's Ed To Go Online (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.

#### Health - Basic Texts

Health – A Guide to Wellness, Glencoe

Life Skills Health, AGS

## Technology

### 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 the 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.

Computer Applications I – Basic Texts/materials:

Computing Essentials, McGraw Hill

Microsoft Office 2000, Computer Literacy Press

Office XP – A Comprehensive Approach, Glencoe

Computer Literacy, Globe Fearon

Odysseyware Academy Online Curriculum

Apex Online Curriculum

Fuel Education Online Curriculum

### 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 computer use of the Microsoft's Word word processor. Further knowledge the Windows operating system. Explore desktop publishing, Microsoft's Excel spreadsheet, Microsoft's PowerPoint presentation software and navigating the Internet.

Computer Applications – Basic Texts

Computers: Understanding Technology, Paradigm

Odysseyware Academy Online Curriculum

Apex Online Curriculum

Fuel Education Online Curriculum

## 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 resource:

Keyboarding with Computer Applications, Glencoe

Keyboard – Typing, Mavis Beacon

Ultrakey 4.0, Bytes of Learning

## 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.”

New Day Academy 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 teacher what may interest you. Some examples of courses offered:

- Clothing/Textiles/Fashion
- Culinary Arts
- Sewing and Clothing
- Home Economics
- Child Development
- Parenting Skills
- Study Skills
- Life Skills
- Foods and Nutrition
- CPR and First Aid
- Auto Technology
- Career Planning
- Study Skills

Career Exploration  
Service Learning  
Internship  
Gaming  
Animal Husbandry  
Horsemanship  
Criminal Law  
Landscaping  
Small Engine Repair  
Woodworking

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

Other career course offerings can be found on the website: [www.goodheart-wilcox.com](http://www.goodheart-wilcox.com)

**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. New Day Academy provides students with a wide array of CTE courses that fit into the following established CTE Industry Sectors/Career Pathways:

Agricultural, Food and Natural Resources  
Business Management and Administration, Finance  
Health Science  
Hospitality and Tourism  
Human Resources  
Information Technology  
Law, Public Safety, Corrections, Security, Government and Public Administration  
Science, Technology, Engineering, and Mathematics (STEM)  
Educational Training  
Transportation, Distribution, and Logistics  
Architecture and Construction  
Arts, A/V Technology and Communications  
Manufacturing

The following online publishers offer many CTE courses and are available to our NDA students:

Accelerate  
Apex  
eDynamic Learning  
Fuel Education  
Edmentum - Ed Options Academy

Please consult with your NDA teacher or the High School Coordinator for more information on these course offerings.

## College and Career Readiness

### Career Choices

Course Length:	1 semester (5 credits)
Graduation Requirement:	Career and College Readiness*
Prerequisite:	None

This course is required for all students enrolling in the 9<sup>th</sup> grade during the 2014-15 school year and subsequent school years. Upper grades and students transferring to NDA as upper classmen are exempt from this requirement, however the course is highly recommended. 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. This course is offered to students as a vendor course ( not part of vendor allotment) or as an independent study course.

### Career Choices - Basic Text:

Career Choices Textbook and Workbook, Academic Innovations

## Elective Courses

New Day Academy 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, when graduation requirements are met in the other required categories (English, Math, Social Sciences, Life and Physical Sciences, Humanities, Physical Education, Health, and Tech/Voc/Life) courses in these categories are then considered electives.

College prep “a-g” approved elective courses offered by NDA are listed on our a-g approved course list.



Please discuss elective selections with your NDA teacher. Examples of electives are:

Geography  
Driver's Ed  
Speech  
Speech and Debate  
Creative Writing  
Economics with Financial Literacy  
Journalism  
Psychology  
Sociology  
Logic  
World Religions



## NDA Reading Lists for Grades 9-12

### 9<sup>th</sup> – 10 Grades

- To Kill a Mockingbird-Lee
- Romeo and Juliet-Shakespeare
- Odyssey-Homer
- House on Mango Street-Cisneros
- Old Man and the Sea-Hemingway
- Ethan Frome-Wharton
- Black Like Me-Griffin
- Tale of Two Cities-Dickens
- Great Expectations-Dickens
- I Know Why the Caged Bird Sings-Angelou
- The Chocolate War-Cormier
- Death in the Family-Agee
- The Martian Chronicles-Bradbury
- Barrio Boy-Galarza
- The Hobbit-Tolkein
- The Red Pony-Buck
- The Hounds of Baskerville-Doyle
- The Color Purple-Walker

### 11<sup>th</sup> Grade

- The Grapes of Wrath-Steinbeck
- The Scarlet Letter-Hawthorne
- Raisin in the Sun-Hansberry
- Adventures of Huckleberry Finn-Twain
- A Farewell to Arms-Hemingway
- For Whom the Bell Tolls-Hemingway
- Fahrenheit 451-Bradbury
- The Awakening-Chopin
- Death of a Salesman-Miller
- The Glass Menagerie-Williams
- Dear America, Letters from Viet Nam
- Catcher in the Rye-Salinger
- The Great Gatsby
- The Jungle-Sinclair
- Heart of Darkness-Conrad
- The Good Earth-Buck
- I Heard The Owl Call My Name-Craven
- Sound and the Fury-Faulkner

- Autobiography of Miss Jane Pitman
- I Never Promised You a Rose Garden- Greenberg
- House of Seven Gables-Hawthorne
- Their Eyes Were Watching God-Hurston
- Ramona-Jackson
- The Bourne Identity-Ludlum
- The Heart is a Lonely Hunter-McCullers
- Beloved-Morrison
- The Bluest Eye-Morrison

### **12<sup>th</sup> Grade**

- Frankenstein-Shelley
- Hamlet or MacBeth-Shakespeare
- Wuthering Heights-Bronte
- Crime and Punishment-Dostoyevsky
- Oedipus Rex-Sophocles
- Pygmalion-Shaw
- Dolls House-Ibsen
- Metamorphosis-Kafka
- Rosencranz and Guildenstern-Stoppard
- Iliad-Homer
- Am I Blue-Walker
- The Stranger-Camus
- Mrs. Dalloway-Woolf
- Trial and Death of Socrates-Plato
- A Modest Proposal-Swift
- Candide-Voltaire
- Cry the Beloved Country-Paton
- Tess of the D'Urbervilles-Hardy
- Graduation-Angelou
- Shooting an Elephant-Orwell
- Hard Times-Dickens