



# The Virtual High School Course Catalog

The Virtual High School offers over 200 unique courses including 23 AP® options, core courses, engaging electives, credit recovery. Courses subject to change. For a complete list and course descriptions visit [VHSLearning.org/Catalog](http://VHSLearning.org/Catalog).

## Advanced Placement®

AP® Art History ▲  
AP® Biology ▲  
AP® Calculus AB ▲  
AP® Calculus BC ▲  
AP® Chemistry ▲  
AP® Computer Science A ▲  
AP® Computer Science Principles ▲  
AP® Economics ▲  
AP® English Language and Composition ▲  
AP® English Literature and Composition ▲  
AP® Environmental Science ▲  
AP® European History ▲  
AP® French Language and Culture ▲  
AP® Government & Politics: U.S. ▲  
AP® Human Geography ▲  
AP® Music Theory ▲  
AP® Physics 1 ▲  
AP® Physics C ▲  
AP® Psychology ▲  
AP® Spanish Language and Culture ▲  
AP® Statistics ▲  
AP® U.S. History ▲  
AP® World History ▲

## Arts

American Popular Music  
AP® Art History ▲  
AP® Music Theory ▲  
Art History  
Art History: Art of the Caribbean  
Art History and American Identity  
Creating Art History  
History of Photography  
Music Listening and Critique  
Music: Fundamentals of Composition

## Business

Business and Personal Law  
Business Math  
Entrepreneurship  
International Business  
Investing in the Stock Market  
Marketing and the Internet  
Personal Finance

## Computer Science and Technology

AP® Computer Science A ▲  
AP® Computer Science Principles ▲  
CAD  
Creative Programming with Scratch  
Introduction to Computer Science Principles  
Java Fundamentals for Science and Engineering  
Java Programming  
Programming in Visual Basic  
Video Game Design Using Game Maker  
Web Design

## Engineering

CAD  
Engineering for Sustainable Energy  
Engineering Principles  
Java Fundamentals for Science and Engineering

## Language Arts

101 Ways to Write a Short Story  
Academic Writing  
AP® English Language and Composition ▲  
AP® English Literature and Composition ▲  
Creative Writing

English 9 ▲  
English 10 ▲  
English 11 ▲  
English 12 ▲  
Essay Writing  
Fantasy and Science Fiction Short Stories  
Film and Literature  
Folklore and Literature of Myth, Magic and Ritual  
Ghoulies, Ghosties, and Long-Legged Beasties ▲  
Horror Writers  
Journalism in the Digital Age  
Literature of the World  
Mythology  
Poetry Writing  
Screenwriting Fundamentals  
Shakespeare in Film  
To Kill a Mockingbird  
Twentieth Century Women Authors  
Young Adult Literature

## Life Skills/Health

Career Awareness  
Employability Skills  
Health  
Kindergarten Apprentice Teacher  
Now What Will You Do?  
Parenting in the 21<sup>st</sup> Century  
Physical Education: Personal Fitness  
Preparing for College  
Study Skills+  
Who Do I Want to Be When I Grow Up?

## Mathematics

Algebra 1 ▲  
Algebra 2 ▲

AP® Calculus AB ▲  
AP® Calculus BC ▲  
AP® Statistics ▲  
Business Math  
Differential Calculus  
Geometry ▲  
Geometry Flex  
Math and Modern Logic  
Mathematics of Electricity  
Number Theory  
Pre-Calculus ▲  
Pre-Calculus I: Advanced Trigonometry  
Pre-Calculus II: Functions  
Statistics  
Statistics Honors

## Science - Life Sciences

Anatomy and Physiology  
Animal Behavior and Zoology  
AP® Biology ▲  
AP® Environmental Science ▲  
Biochemistry  
Bioethics  
Biology ▲  
Biology Flex  
Biotechnology  
Environmental Science  
Environmental Science Honors  
Epidemics  
Evolution and the Nature of Science  
Genes and Disease  
Oceanography  
Preveterinary Medicine  
The Human Body

## Science - Earth & Space Sciences

AP® Environmental Science ▲  
Astronomy Principles

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Climate Science  
Earth and Space System Science ▲  
Environmental Science  
Environmental Science Honors  
Meteorology  
Oceanography

## Science – Physical Sciences

AP® Chemistry ▲  
AP® Environmental Science ▲  
AP® Physics 1▲  
AP® Physics C ▲  
Astronomy Principles  
Chemistry  
Climate Science  
Earth and Space System Science ▲  
Environmental Science  
Environmental Science Honors  
Forensic Science  
Meteorology  
Nuclear Physics  
Oceanography  
Physics: Mechanics

## Social Studies

AP® Economics ▲  
AP® European History ▲  
AP® Government & Politics: U.S. ▲  
AP® Human Geography ▲  
AP® Psychology ▲  
AP® U.S. History ▲  
AP® World History ▲  
Constitutional Law  
Contemporary Issues in American Law and Justice  
Criminology  
Digital Citizenship  
Eastern and Western Thought  
Economics

Modern Middle East  
Peacemaking  
Philosophy I  
Practical Law  
Psychology Honors  
Psychology I  
Psychology of Crime  
Sociology  
Sports and Society  
The Glory of Ancient Rome  
The Holocaust  
U.S. Government  
U.S. History: 1754-1877  
U.S. History: 1877-Present  
World Conflict, a United Nations Introduction  
World History: 1450-Present ▲  
World History: Pre-history-1500 ▲  
World Religions

## World Language

AP® French Language and Culture ▲  
AP® Spanish Language ▲  
French Language and Culture  
German Language and Culture  
Italian Language and Culture  
Latin 1 ▲  
Latin 2 ▲  
Mandarin Chinese Language and Culture  
Portuguese 1 ▲  
Russian Language and Culture  
Spanish 1 ▲  
Spanish 2 ▲  
Spanish Culture and 20<sup>th</sup> Century Hispanic Literature

## Flex Credit Recovery

### 1 Credit Courses

Algebra 1 Flex  
Algebra 2 Flex  
Biology Flex  
Geometry Flex  
English 9 Flex  
English 10 Flex  
English 11 Flex  
English 12 Flex

### .5 Credit Courses

Health Flex  
Personal Finance Flex  
US History: 1877-Present Flex  
US History: Colonial America-1877 Flex

## Summer School

### 8 Week Courses

Algebra 1  
Algebra 2  
Biology  
Chemistry  
English 9  
English 10  
English 11  
English 12  
Geometry  
Pre-Calculus  
World History: 1450-Present

### 4 Week Courses

CAD Part 1  
CAD Part 2  
Cryptography: Math Behind Secret Messages  
Digital Photography  
English Literacy Skills: Short Stories  
English Literacy Skills: The Novel  
Government

Health  
Mission to the International Space Station  
Personal Finance  
Physical Education: Personal Fitness Part 1  
Physical Education: Personal Fitness Part 2  
Planning for College  
Pre-Algebra/Algebra Preparation  
Pre-Calculus: Functions  
Solar Energy Design  
Study Skills+: Class Organization and Time Management  
Study Skills+: Organization of Information  
U.S. History: 1754-1877  
U.S. History: 1877-Present  
Video Game Design Using GameMaker: Part 1  
Video Game Design Using GameMaker: Part 2  
Your Brain: An Introduction to Neuroscience

## Middle School

MS Business Foundations  
MS Creative Writing  
MS Engineering  
MS Number Theory  
MS Pre-Algebra  
MS Science from Space  
MS The Teenage Brain  
MS World War II Through the Eyes of Dr. Seus  
Study Skills+

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