

# TZHS 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® Human Geography\*~~  
~~AP® Music Theory\*~~  
~~AP® Physics 1\*~~  
~~AP® Physics C\*~~  
~~AP® Psychology\*~~  
~~AP® Spanish Language and Culture\*~~  
~~AP® Statistics\*~~  
~~AP® United States Government and Politics\*~~  
~~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 Islands  
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~~  
Web Design

## Engineering

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

## English as a Second Language (ESL)

American Studies\*  
English Foundations  
Introduction to Natural Science for ESL Students\*

## 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 Beasies  
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

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  
Who Do I Want to Be When I Grow Up?

## Mathematics

~~Algebra 1\*~~  
~~Algebra 2\*~~

~~AP® Calculus AB\*~~  
~~AP® Calculus BC\*~~  
~~AP® Statistics\*~~  
Differential Calculus  
Essential Math for College & Careers  
~~Geometry\*~~  
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

Anatomy and Physiology  
Animal Behavior and Zoology  
~~AP® Biology\*~~  
~~AP® Environmental Science\*~~  
Biochemistry  
~~Bioethics~~  
~~Biology\*~~  
Biotechnology  
Epidemics  
Evolution and the Nature of Science  
Introduction to Natural Science for ESL Students  
Genes and Disease  
Preveterinary Medicine  
Science from Space  
The Human Body

## Science, Earth & Space

~~AP® Environmental Science\*~~  
~~Astronomy Principles~~  
Climate Science  
~~Earth and Space System Science\*~~  
~~Environmental Science~~  
~~Environmental Science Honors~~  
Meteorology

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Oceanography  
Science from Space

## Science, Physical

~~AP® Chemistry\*~~  
~~AP® Physics 1\*~~  
~~AP® Physics C\*~~  
Biochemistry  
~~Chemistry\*~~  
~~Forensic Science~~  
Nuclear Science  
~~Physics: Mechanics~~  
Sustainable Engineering

## Social Studies

~~AP® Economics\*~~  
~~AP® European History\*~~  
~~AP® Human Geography\*~~  
~~AP® Psychology\*~~  
~~AP® U.S. Government & Politics\*~~  
~~AP® U.S. History\*~~  
~~AP® World History\*~~  
American Studies\*  
Constitutional Law  
~~Contemporary Issues in American Law  
and Justice~~  
Criminology  
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~~  
Who Do I Want To Be When I Grow Up?  
World Conflict, a United Nations  
Introduction  
~~World History: 1450-Present\*~~  
~~World History: Pre-history-1500\*~~  
World Religions

## World Language

American Sign Language 1\*  
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 3\*  
Spanish 4\*  
Spanish Culture and 20<sup>th</sup> Century  
Hispanic Literature

## Flex Credit Recovery

### 1 Credit Courses

~~Algebra 1 Flex~~  
~~Algebra 2 Flex~~  
~~Biology Flex~~  
~~English 9 Flex~~  
~~English 10 Flex~~  
~~English 11 Flex~~  
~~English 12 Flex~~  
~~Geometry Flex~~  
~~World History: 1450—Present Flex~~

## .5 Credit Courses

~~Health Flex~~  
~~Personal Finance Flex~~  
~~US History: 1877-Present Flex~~  
~~US History: Colonial America-1877 Flex~~  
~~.25 Credit Courses~~  
~~Study Skills+ 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~~  
~~Criminology~~  
~~Cryptography: Math Behind Secret  
Messages~~

~~Digital Photography~~  
~~Earth Our Changing Planet~~  
~~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~~  
~~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~~  
~~Science from Space~~