

# VHS Learning 2020-2021 Course List

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® Latin ^  
AP® Music Theory ^  
AP® Physics 1 ^  
AP® Physics C ^  
AP® Psychology ^  
AP® Spanish Language and Culture ^  
AP® Statistics ^  
AP® U.S. Government & Politics ^  
AP® U.S. History ^  
AP® World History ^

## Arts

American Popular Music  
AP® Art History ^  
AP® Music Theory ^  
Art History  
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  
Personal Finance

## Computer Science and Technology

AP® Computer Science A ^  
AP® Computer Science Principles ^  
CAD  
Creative Programming with Scratch  
Cybersecurity  
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 Language Learners (ELL)

(courses available for custom requests)  
American Studies ^  
English Foundations  
English Foundations 2  
Introduction to Natural Science ^

## Judaic Studies

A Look at Contemporary Israel through the Eyes of Tanakh  
Ancient Jewish History  
Digital Citizenship and Jewish Values  
Experiencing Jewish Texts and Identity through the Arts  
History Makers of Israel  
In Search of a Better Future: The Jewish Immigrant Experience in the U.S.

Introduction to Jewish History:  
1700-Modern Israel  
Introduction to Jewish History: Second Temple-1700  
Introduction to Jewish Life  
Introduction to Jewish Texts  
Making Prayer My Own: Finding Meaning in the Siddur  
Mishna  
Modern Jewish Short Stories  
Mussar: Practical Ethics for Living a Meaningful Life  
Pairs in the Tanakh  
Preparing for Life on Campus: The Complexities of Jewish Identity and Israel  
Religious Zionism  
Responsibility and Restitution: Perek HaChovel (Advanced Talmud)  
The Stories of Bereshit

## Language Arts

101 Ways to Write a Short Story  
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  
Ghosts and Haunting in Literature  
Horror Writers  
Journalism  
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

Digital Citizenship  
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  
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 ^

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Biotechnology  
Environmental Science  
Environmental Science Honors  
Epidemics  
Evolution and the Nature of Science  
Genes and Disease  
Oceanography  
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  
Oceanography  
Science from Space

## Science, Physical

AP® Chemistry ^  
AP® Environmental Science ^  
AP® Physics 1 ^  
AP® Physics C ^  
Astronomy Principles  
Biochemistry  
Chemistry ^  
Climate Science  
Earth and Space System Science ^  
Environmental Science  
Environmental Science Honors  
Forensic Science  
Meteorology  
Nuclear Science  
Oceanography  
Physics ^  
Science from Space

## Social Studies

AP® Economics ^  
AP® European History ^  
AP® Human Geography ^  
AP® Psychology ^  
AP® U.S. Government & Politics ^  
AP® U.S. History ^  
AP® World History ^  
Constitutional Law  
Criminology  
Economics  
Modern Middle East  
Peacebuilding  
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 History: 1450-Present ^  
World History: Pre-history-1500 ^  
World Religions

## World Language

American Sign Language 1 ^  
American Sign Language 2 ^  
American Sign Language 3 ^  
AP® French Language and Culture ^  
Ap® Latin ^  
AP® Spanish Language and Culture ^  
French Language and Culture  
German Language and Culture  
Italian Language and Culture  
Latin 1 ^  
Latin 2 ^  
Latin 3 ^

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  
Chemistry Flex  
English 9 Flex  
English 10 Flex  
English 11 Flex  
English 12 Flex  
Geometry Flex  
Pre-Calculus Flex  
World History: 1450 – Present Flex

### .5 Credit Courses

Health Flex  
Personal Finance Flex  
Physical Education: Personal Fitness Flex  
US Government Flex  
US History: 1754-1877 Flex  
US History: 1877-Present 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  
Creative Programming with Java Script  
Criminology  
Cryptography: Math Behind Secret Messages  
Cybersecurity  
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 1: Personal Fitness  
Physical Education 2: Personal Fitness  
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

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MS The Teenage Brain

MS World War II Through the Eyes of Dr.  
Seuss

Science from Space