

# Course Guide 2021-2022 School Year

## High School 9-12

### Subject Area: Mathematics

Course Name	Grade	Length of Course
*Algebra I- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Algebra II-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Algebra with Finance- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Calculus A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Consumer Math A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Explorations in Math A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Geometry A/B	7	Full Year (A-Semester 1) (B-Semester 2)
Pre-Algebra A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Pre-Calculus A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Statistics A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Financial Literacy	9-12	Semester

**\*Foundations courses available in Grades 9-12**

**\*Honors courses available**

**\*Chromebook compatible**

**\*PA State Certified Teachers, when available**

**Subject Area: Science**

Course Name	Grade	Length of Course
*Biology-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Chemistry-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Earth Science-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Physical Science A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
*Physics A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Anatomy and Physiology	9-12	Semester
Introduction to Sociology	9-12	Semester
Introductory Astronomy	9-12	Semester
Sociology I	9-12	Semester
Sociology II	9-12	Semester
Astronomy: Exploring the Universe- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Earth Space Science A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Environmental Science A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Marine Science A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)

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**Subject Area: Health and Physical Education**

Course Name	Grade	Length of Course
Health	9-12	Semester
Health, Fitness and Nutrition A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Nutrition and Wellness	9-12	Semester
Personal Fitness	9-12	Semester
Personal Health and Safety with Sex Education	9-12	Semester
Physical Education	9-12	Semester
Health, Safety, and Nutrition	9-12	Semester

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**Subject Area: Social Studies**

Course Name	Grade	Length of Course
*American Government A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Economics	9-12	Semester
Geography and Society	9-12	Semester
*United States History A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
World Geography	9-12	Semester
*World History A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
African American History	9-12	Semester
Archaeology	9-12	Semester
Current Events	9-12	Semester
History of the Holocaust	9-12	Semester
Human Geography	9-12	Semester
Introduction to Psychology	9-12	Semester
Personal Finance	9-12	Semester
Psychology A/B	9-12	Semester

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**Subject Area: Language Arts**

Course Name	Grade	Length of Course
English 9- A/B	9	Full Year (A-Semester 1) (B-Semester 2)
English 10-A/B	10	Full Year (A-Semester 1) (B-Semester 2)
English 11-A/B	11	Full Year (A-Semester 1) (B-Semester 2)
English 12- A/B	12	Full Year (A-Semester 1) (B-Semester 2)
Creative Writing I-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Fundamentals of English Composition	9-12	Semester
Gothic Literature	9-12	Semester
Introduction to Grammar and Composition	9-12	Semester
Journalism A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Mythology and Folklore	9-12	Semester
Reading and Writing for Purpose	9-12	Semester
Speech and Debate	9-12	Semester

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**Subject Area: Advanced Placement**

Course Name                      Grade    Length of Course

AP Art History- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Biology- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Calculus AB-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Calculus BC- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Computer Science-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP English Language and Composition- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP English Literature and Composition-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Environmental Science A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Human Geography	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Macroeconomics	9-12	Semester
AP Microeconomics	9-12	Semester
AP Psychology	9-12	Semester
AP Spanish Language A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP Statistics A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
AP U.S. Government and Politics	9-12	Semester
AP U.S. History A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)

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## 9-12 Electives

### Subject Area: Business

Course Name	Grade	Length of Course
Accounting 1	9-12	Semester
Accounting II	9-12	Semester
Administrative Duties and Office Management	9-12	Semester
Advertising and Sales Promotion	9-12	Semester
Business Communications	9-12	Semester
Business Information Systems	9-12	Semester
Business Law	9-12	Semester
Business Math	9-12	Semester
Entrepreneurship 1: Starting your Own Business- A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Human Resource Management	9-12	Semester
International Business	9-12	Semester
Introduction to Business	9-12	Semester
Introduction to Finance	9-12	Semester
Law and Order	9-12	Semester
Leadership and Supervision in Business	9-12	Semester
Principles of Management	9-12	Semester
Principles of Marketing	9-12	Semester
Sports and Entertainment Marketing	9-12	Semester
Sports Management	9-12	Semester

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**Subject Area: Technology**

Course Name	Grade	Length of Course
3-D Modeling 1-A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Concepts of Engineering and Technology	9-12	Semester
Foundations of Game Design 1- A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Introduction to Computer Applications	9-12	Semester
Java Programming I	9-12	Semester
Java Programming II	9-12	Semester
Web Design 1- A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)

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**Subject Area: Communication**

Course Name	Grade	Length of Course
Developmental Writing	9-12	Semester
Introduction to Communication	9-12	Semester
Public Speaking I	9-12	Semester

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**Subject Area: Humanities**

Course Name	Grade	Length of Course
Introduction to Graphic Design A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Animation 1-A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Anthropology I	9-12	Semester
Art History A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Art I- World Cultures	9-12	Semester
Digital Photography I- A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Digital Photography II- A/B	9-12	Full Year or Semester (A-Semester 1) (B-Semester 2)
Fundamentals of Art	9-12	Semester
Fundamentals of Art Appreciation	9-12	Semester
Fundamentals of Art History	9-12	Semester
Introduction to Drawing	9-12	Semester
Living Music I	9-12	Semester
Living Music II	9-12	Semester
Music Appreciation	9-12	Semester

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DV Cyber Academy

**Subject Area: World Language**

**Course Name      Grade      Length of Course**

Chinese 1-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Chinese II- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Chinese III- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
French I- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
French II- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
French III- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
French IV- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
German I- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
German II- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
German III- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Japanese I- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Japanese II- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Latin I- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Latin II- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Latin III-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Sign Language I- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)

Sign language II-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Sign Language III- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Spanish I-A/B	9-12	Full Year (A- Semester 1) (B-Semester 2)
Spanish II-A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Spanish III- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)
Spanish IV- A/B	9-12	Full Year (A-Semester 1) (B-Semester 2)

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**\*Headphone and Microphone Needed.**

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