REQUIRED, ELECTIVE AND OPTIONAL COURSES BY GRADE LEVEL

Grade 5
Required Coursework:
• English 5
• Classics
• Introduction to PreAlgebra or higher math level depending on readiness test results
• Intermediate Science
• Physical Geography
• Latin 5
• Music 5
• Visual Arts 5
• Physical Education 5

Grade 6
Required Coursework:
• English 6
• World History & Geography I
• PreAlgebra or higher math level depending on prerequisites
• Biology 6
• Chemistry 6
• Physics 6
• Latin 6
• Physical Education 6
• Elective Coursework (choose one of the following):
  • Art History & Practice: Music
  • Art History & Practice: Visual Arts
  • Art History & Practice: Performance Arts

Grade 7
Required Coursework:
• English 7
• U. S. History
• Algebra I/Geometry or higher math level depending on prerequisites
• Biology 7
• Chemistry 7
• Physics 7
• Logic
• Foreign Language (choose one)
  • Elementary Mandarin
  • Elementary Spanish
  • Elementary French
  • Latin 7

Elective Coursework:
• Art Studio 2D 7
• Music 7
• Drama 7
• Engineering & Technology 7
• Physical Education & Sports 7

Grade 8
Required Coursework:
• English 8
• World History & Geography II
• Algebra II/Geometry or higher math level depending on prerequisites
• Biology 8
• Chemistry 8
• Physics 8
• Economics
• Foreign Language (choose one)
  • Intermediate Mandarin
  • Intermediate Spanish
  • Intermediate French
  • Latin 8

Elective Coursework:
• Art Studio 2D: Elements of Art & Design
• Creative Writing
• Engineering & Technology
• Introduction to Computer Science
• Dance
• Physical Education: Health & Fitness
• Tae Kwon Do

Grade 9
Required Coursework:
• Honors English Language
• Honors English Literature
• AP U. S. Government & Politics
• PreCalculus A or higher level math depending on prerequisites
• Foreign Language (choose one)
  • Mandarin II
  • Spanish II
  • French II
  • Latin II
• Science (choose one)
  • Honors Biology
  • Honors Chemistry
  • Honors Physics
  • AP Physics 1

Elective Coursework:
• Art Studio 2D: Elements of Art & Design
• AP Art History
• AP Computer Science A
• AP Environmental Science
• AP Music Theory
• Creative Writing
• Engineering & Technology
• Introduction to Computer Science
• Dance
• Physical Education: Health & Fitness
• Tae Kwon Do

Grade 10

Required Coursework:
• AP European History
• AP English Literature & Composition or AP English Language & Composition or Honors English 10
• PreCalculus B or other level math depending on prerequisites and credits accrued
• Honors Science (choose one)
  • Honors Biology
  • Honors Chemistry
  • Honors Physics
  • AP Physics 1
• AP Science (choose one)
  • AP Biology
  • AP Chemistry
  • AP Physics 1 (prerequisite is Honors Physics)
• Foreign Language (choose one)
  • Mandarin III
  • Spanish III
  • French III
  • Latin III

Elective Coursework:
• Art Studio 2D: Elements of Art & Design
• AP Art History
• AP Computer Science A
• AP Environmental Science
• AP Music Theory
• Creative Writing
• Engineering & Technology
• Introduction to Computer Science
• Dance
• Physical Education: Health & Fitness
• Tae Kwon Do

Grade 11

Required Coursework:
• AP U. S. History
• AP English Literature & Composition or AP English Language & Composition
• AP Calculus AB or other level math depending on prerequisites and credits accrued
• Honors Science (choose one)
  • Honors Biology
  • Honors Chemistry
  • Honors Physics
• AP Physics 1
• AP Science (choose one)

Elective Coursework:
• AP Biology
• AP Chemistry
• AP Physics 1 (prerequisite is Honors Physics)
• Foreign Language (choose one)
  • Mandarin IV or AP Chinese Language & Culture
  • Spanish IV or AP Spanish Language & Composition
  • French IV or AP French Language & Composition
  • Latin IV or AP Latin

Grade 12

Required Coursework for Graduation with Honors and High Honors
• Humanities Capstone (choose one)
  • Capstone: History
  • Capstone: English
  • Capstone: Humanities
• Math Capstone
  • Capstone: Math
• Science Capstone (choose one)
  • Capstone: Chemistry
  • Capstone: Biology
  • Capstone: Toxicology
• Foreign Language Capstone (choose one)
  • Capstone: Latin
  • Capstone: Spanish
  • Capstone: Mandarin
  • Capstone: French
• College Counseling Workshop

Required Coursework for Graduation with High Honors:
• Senior Project

Optional Coursework:
• Art Studio 2D: Elements of Art & Design
• AP Art History
• AP Computer Science A
• AP Environmental Science
• AP Music Theory
• Creative Writing
• Engineering & Technology
• Introduction to Computer Science
• Dance
• Physical Education: Health & Fitness
• Tae Kwon Do