

Course Substitutions
Current as of June 2019

I. Fourth Year Math

II. Third Year Lab Science

III. English III and IV

I. Fourth Year Math

- 8.6 Applied Mathematical Concepts
- 8.7 Precalculus
- 8.8 Calculus
- 8.9 Advanced Placement Mathematics Program
- 8.10 International Baccalaureate Mathematics Program
- 8.11 Cambridge Mathematics Program
- 8.12 Dual Enrollment Mathematics Program
- 8.13 Statewide Dual Credit Pre-Calculus
- 8.14 Statewide Dual Credit Statistics
- 8.15 Bridge Math

Students having met ACT College Readiness Benchmark for mathematics or SAT College and Career Readiness Benchmark for math may use these courses as a 4th math course:

- 10.9 Physics
- AP Physics C: Electricity & Magnetism
- AP Physics C: Mechanics
- AP Physics I: Algebra-Based
- AP Physics II: Algebra-Based
- AP Computer Science Principles
- AP Computer Science A

II. Third Year Lab Science

- 1) *Any course with a permanent science course code is considered a laboratory course.*
- 2) *There is some concern regarding over-extending the "third lab" label into too many CTE courses. As a working definition, "science" is when we use the science/engineering practices to explain observations we make of the natural/designed world. We should evaluate course standards from our CTE courses to ensure that the focus of the course is to use science/engineering to explain observations.*

- Principles of Engineering (PLTW)
- STEM I: Foundation
- STEM II: Applications
- Anatomy & Physiology
- SDC: Introduction to Plant Science
- Agriscience
- Applied Environmental Science
- Nutrition Science & Diet Therapy
- Engineering Design II

Physical Science
Geology
Earth & Space Science
Biology I A
Biology II
AP Biology
Chemistry II
AP Chemistry
IB Biology I SL
IB Chemistry I SL
IB Physics I HL
IB Physics II HL
AP Physics C: Electricity & Magnetism
AP Environmental Science
Physical World Concepts
AP Physics I: Algebra- Based
AP Physics II: Algebra- Based
AP Physics C: Mechanics
IB Chemistry II HL
Human Anatomy & Physiology
Ecology
Environmental Science
IB Environmental Systems and Societies I SL
IB Environmental Systems & Societies II SL
Scientific Research
IB Sports, Exercise & Health Science I SL
IB Sports, Exercise & Health Science II SL
Dual Enrollment Science
Dual Enrollment Human Anatomy Physiology I
Dual Enrollment Human Anatomy Physiology II
Dual Enrollment Biology II
Dual Enrollment General Chemistry II
Dual Enrollment Non- Calculus Based Physics II
Dual Enrollment Calculus Based Physics II
IGCSE Physics
IGCSE Physical Science
IGCSE Environmental Management
CIE Physical Science AS & A Level
CIE Environmental Management AS & A Level
IB Design Technology I HL
IB Design Technology II HL
IB Design Technology SL
IB Chemistry II SL
IB Chemistry I SL / HL
IB Chemistry II SL/ HL
IB Chemistry III SL/ HL
IB Chemistry III SL
IB Chemistry III HL

IB Design Technology II SL
IB Design Technology I SL/ HL
IB Design Technology II SL

III. English III or IV

AP English Language & Composition
AP English Literature & Composition
IB English I SL
Dual Enrollment English Language Arts
Dual Enrollment English Composition I
Dual Enrollment English Composition II
Dual Enrollment Survey of American Literature
Dual Enrollment Survey of British Literature
Dual Enrollment Survey of World Literature
Dual Enrollment Survey of Literature of the Western World
CIE General Paper I A Level
IB English II SL
IB English I SL/HL
IB English II SL/HL
IB English Language and Literature I SL/HL
IB English Language and Literature II SL/HL
IB English Literature III HL