

## **Graduation Requirement Substitutions**

Current as of July 2020

- I. Fourth Year Math**
- II. Third Year Lab Science**
- III. English III and IV**
- IV: Economics**
- V: Fine Arts**
- VI: Physical Education**
- VII: U.S. Government**
- VIII: Wellness**

- 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
  - C18H14 Principles of Agribusiness
  - C18H22 Agriculture & Biosystems Engineering

*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**
  - 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 I
  - 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  
Veterinary Science  
Food Science & Safety  
Natural Resources Management  
Advanced Food Science  
Plant & Soil Science  
STEM III  
BioSTEM I  
BioSTEM II  
BioSTEM III

**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

**IV: Economics**

Agricultural Business & Finance  
Business Economics  
Entrepreneurship  
Marketing & Management I  
Retail Operations  
Virtual Enterprise International

**V: Fine Arts**

Landscaping & Turf Science  
Digital Arts & Design I  
Foundations of Fashion Design  
Foundations of Interior Design  
Web Design Foundations

**VI: Physical Education**

JROTC I  
JROTC II  
JROTC III

**VII: U.S. Government**

Pre-Law I  
Pre-Law II  
Pre-Law III  
JROTC I  
JROTC II  
JROTC III  
American Business Legal Systems

**VIII: Wellness**

JROTC I  
JROTC II  
JROTC III