

ENGINEERING COURSE SEQUENCE

9th Freshman Year

10th Sophomore Year

nth Junior Year

12th

Senior Year

English 4 Credits D.M

Mathematics

4 Credits 2, D, M

Integrated World Literature Honors Integrated World Literature¹

Integrated Science: Environmental

Honors Int. Science: Environmental¹

Classes Taken Sequentially:

(Based on Placement Test)

IMP I - IMP III

Social Studies

Civics & Geography

Classes Taken Seauentially:

Spanish I - Spanish III (Based on Placement Test)

Engineering & Design I

British Literature and Composition Honors British Lit. &Composition ¹

Integrated Science: Biology

Honors Int. Science: Biology1

Economics & Personal Finance

Spanish II- Spanish V

Engineering & Design II

IMP II - IMP IV

AP Biology

Honors American Literature AP Literature and Composition

IMP III - IMP IV or Differential Calculus or Statistics or AP Calculus AB

Integrated Science: Chemistry Honors Int. Science: Chemistry¹ AP Chemistry

United States History Honors United States History AP United States History

Spanish III- Spanish V

Engineering & Design III ^c

Honors World Literature AP Language and Composition

IMP IV or Differential Calculus or Statistics or AP Calculus AB or AP Calculus BC

Integrated Science: Physics Honors Int. Science: Physics¹ AP Physics

World History Honors World History AP World History

Optional: Spanish IV Spanish V

Recommended: Engineering & Design IV

Science 4 Credits^M

Social Studies
4 Credits^M

World Language

Pathway 3 Credits^D & Capstone^{3,M}

Technology 1 Credit D

Health 0.5 Credit^D

Physical Ed 3 Credits D

Electives
3.5 Credits D

Introduction to Computer Programming

Health (Half-Year)

Physical Education I (Half-Year) Physical Education II⁵
(Half-Year)

Students are required to earn at least 3.5 Elective credits

- 1 Students may "opt in" to earn Honors credit in 9th Grade English and Science, as well as 10th Grade English
- 2 State of Delaware requires one of a student's four math credits be earned during Senior Year
- 3 Successful completion of a Major Pathway capstone is a graduation requirement
- 4 Counts toward Elective Credit total
- 5 Students take PSAT/SAT Prep and Driver's Education to round out the other half-credit [as electives] during 10th Grade
- D Indicates minimum State of Delaware graduation requirement
- M Indicates minimum MOT Charter graduation requirement
- C Indicates a course that also contains the Major pathway Capstone