Computer Science

In Computer Science, students learn about the creative aspects of coding, abstractions, algorithms, large data sets, the Internet, and cybersecurity.

	Pathway Course	English	Math	Social Studies	World Language	Science	PE
Year 1	**CSE PLTW**	Freshman English	Math	Elective	Spanish 1 or French 1 or Latin 1	Biology	PE
Year 2	**AP Comp Sci Principles**	Sophomore English	Math	World History	Spanish 2 or French 2 or Latin 2	Chemistry	PE
Year 3	**AP Comp Sci A**	Junior English	Math	US History or AP US History	Elective	Physics	Elective
Year 4	**Engineering Design and Development**	Senior English	Math	Gov or AP Gov and Economics	Elective	AP	Elective

External Activities & Experiences

- Coding Club
- Dave Wittry Programming Contest
- CyberPatriot Competition

Possible College Majors

- Artificial Intelligence
- Computer Science
- Information Technology
- Database Management

Certifications / College Credit

- Two AP Courses
- Introduction to Computing (CSP)
- Computer Science 101 (CSA)

Careers

- Application Developer
- Systems Analyst
- Network Administrator
- Computer Programmer