



AP COMPUTER SCIENCE A

Description

Computer Science A emphasizes object-oriented programming methodology using the Java programming language. Students will concentrate on problem solving and algorithm development as they create computer programs to perform different tasks. It is intended to be the equivalent of a first-semester college course in Computer Science.

Special requirements

Prerequisite: Completed or enrolled in Math III Honors

Students must have strong problem solving skills, excellent study habits, and be able to work independently. Being able to think logically is also a big asset.

Student costs/Materials to be supplied by students

Students will be given assignments that they will begin on the school computers, but they will need to complete them at home. In order for them to transfer their programs to their home computers, they will need a removable flash drive.

Other information

Students can expect to spend extra time in the afternoon in the Career Center Computer Lab or at home. Reading and homework assignments should take 3–4 hours per week.

Students may receive college credit for this course by taking the Advanced Placement Examination and earning a score acceptable to their college. This acceptable score varies from school to school and department to department.