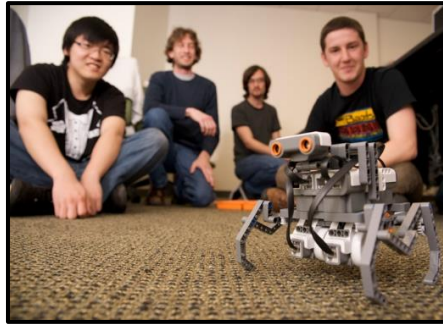


Computer Science I



Prerequisite: Algebra I

Course: 105OCT

Credits: 1

Length: 18 weeks

Placement: 9-12

Course Description

Computer Science 1 will introduce students to the field of computer science and students will design solutions to solve real world problem. Programming environments or languages used in this course are App inventor, Python, and Vex Coding Studio.

Students can earn LOTE credit for this course.

Student Activities

Computer Science 1 course brings awareness and real world application of computer science across different technological domains. Students will explore careers in computer science, the impact of technology on our society, develop mobile applications, program robots to solve varying challenges and learn how to program using Python. Students will also learn design skills, teamwork, presentation preparation and delivery, real-world time management and many basic computer and media technology skills.

Organizations/After School/Competitions

Business Professionals of America



FTC Tech Challenge



Additional Considerations

Algebra I recommended. Students need fine motor skills and mobility. PLTW curriculum cannot be modified.