



Computer Science Classes

Introduction to Computer Science (9-12th grade)

2 Credits 2 Trimesters Grades 9-12 DOE 4803

Recommended Prerequisite: As/Bs in 8th grade pre-algebra

- This is a Project Lead the Way programming class.
- Project Lead the Way focuses on learning collaboration skills and problem solving skills that are highly valued in the workforce.
- The first trimester of this class focuses on block coding where you will learn app inventor.
- The second trimester focuses on text based coding primarily using Python.
- Interested in computers/programming
- Prerequisite for Computer Science 1



Computer Science 1 (10-12th grade)

COMPUTER SCIENCE I

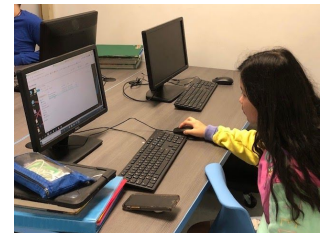


2 Credits 2 Trimesters Grades 10-12 DOE 4801

- Continuation of Project Lead the Way programming class.
- The first trimester of this class continues Python programming.
- The second trimester focuses on HTML, CSS, Javascript.
- Students need to have successfully completed Introduction to computer science to sign up for this class.

Cybersecurity (10-12th grade)

- Project Lead the Way class
- Cybersecurity is one of the fastest growing careers with high earning potential!
- The first trimester focuses on Cybersecurity in regards to your personal security and system security
- The second trimester focuses primarily on network security and a capstone project.
- Successfully completed Introduction to computer Science 1



***These classes would qualify for the CTE/Career preparedness pathway