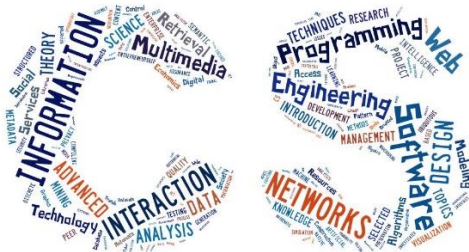
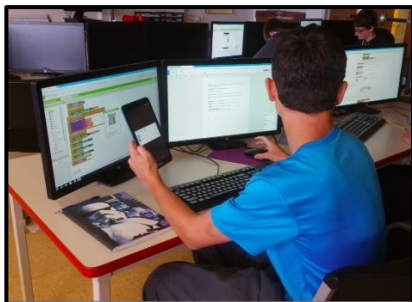


Computer Science II



Prerequisite: Computer Science I

Course: 1051CT

Credits: 1

Length: 18 weeks

Placement: 9-12

Course Description

In Computer Science 2 students will utilize the curriculum to learn more advanced topics in computer science. Students used the concepts they learn to create products and attempt to solve real-world problems using Python. Topics include algorithms, procedures and functions, iteration, recursion, arrays, object-oriented programming and graphical user interface. The concepts and skills student learn in this class will assist them in some STEM fields. Programming language used in this course is Python.

Students can earn LOTE credit for this course.

Student Activities

Computer Science 2 course offers real world application of computer science across different technological and engineering domains. Students will design, write and debug computer programs. Possible applications of concepts include simulations, robotics programming, app design, and games.

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.