

# Introduction to Computer Science

In this course, students gain an understanding of the different disciplines of Computer Science, with a focus on programming. Computer Science is a field of study that focuses on the theory and application of computers as computational tools to solve real-world problems. This course narrows students' focus on the use and implementation of computers by investigating the design and development of programs. Specifically, students learn to create their own programs and applications in a variety of languages.

**Elective Credits:** 1

**School Level:** High School

**Grade:** 10, 11, 12

**Program:** Mathematics Electives