

**Introduction to Computer Science, Grade 11 – University Preparation**  
**ICS 3U0**

Do you like to program and understand how a computer works? Then Computer and Information Science may be the perfect fit for you! In this introductory course, you will learn basic Java programming concepts with an emphasis on problem solving and critical thinking skills that can be applied anywhere. The programs created will cover a wide range of topics, from simple graphics, to calculators and unit converters, to the final project of creating a fully functional game. Students will also examine ethical and societal issues that arise from the increased use of computers in the 21st Century. Career pathways include those in the computing industry, Programming, Information Technology, Engineering, and a variety of other specializations.

**Prerequisite:** None