

FOUNDATIONS OF PROGRAMMING - 9007210

Grade 10 – 12, Credit .50

Prerequisite: None

Learn the skills required to be competitive in today's high-tech workforce. This course covers the fundamentals of programming and the use of various computer programming languages. Students will learn the concepts, techniques, and processes associated with computer programming and software development. Class projects will include web development, application development, machine learning, programming physical devices (micro-electronic) and student-designed independent projects. The exploration of future technologies and the vast programming career opportunities available in this high-demand field will be a recurring theme throughout this course.