

Programming and Software Development



SCIENCE, TECHNOLOGY, ENGINEERING & MATH ENDORSEMENT or BUSINESS & INDUSTRY ENDORSEMENT

The Programming and Software Development program of study focuses on occupational and educational opportunities associated with researching, designing, developing, testing, and operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computer applications. This program of study includes creating, modifying, and testing the codes, forms, and script that allow computer applications to run.

Level 1	7931 Fundamentals of Computer Science
Level 2	7930 Game Programming & Design 7932P AP Computer Science Principles 7379 Entrepreneurship
Level 3	7933P AP Computer Science A 7935H Independent Study I: Computer Science
Level 4	7936H Independent Study II: Computer Science 7496 Independent Study Mentorship 7397/L Career Preparation I

Industry-Based Certifications offered in this Program of Study include:

- Certified Entry-Level JavaScript Programmer
- Certified Entry-Level Python Programmer (PCEP)
- Java SE Java Certified Foundations Associate