

In this program you will learn:



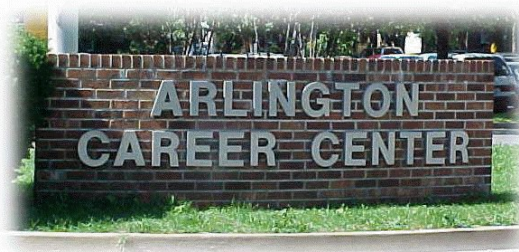
python



Assembly  
Programming Language

For more information contact our  
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**Arlington Career Center**

INSTILL A PASSION FOR LEARNING BY DOING



*Learning programming at the Career Center gave me the critical context and experience I needed to get my start in IT, and laid the foundation for my career. I can't recommend the program highly enough to students who want to learn more about the field.*

**Henry Grover, Programmer and ACC Alumnus**

## Computer Science

- ◆ Learn CS with Python and C++ programming (and a bit of C, Assembly language and JavaScript)
- ◆ Earn an A.S. degree in Computer Science while in high school
- ◆ Program for the web and mobile devices
- ◆ Make connections to industry professionals
- ◆ Work on real projects in a hands-on environment

## Level 1

### High School Course

Sign up for this 1 credit high school course at the Arlington Career center:

- **Computer Programming DE (96638W)**

The course meets on alternate days for a block period.

### College Course Credits

You will earn college credit through NVCC for the following courses:

- **CSC 221 - Introduction to Problem Solving and Programming** (3 credits)
- **ITP 225 – Web Scripting Languages** (3 credits)

## Level 2

### High School Course

Sign up for this 1 credit high school course at the Arlington Career center:

- **Computer Programming Intensified (96644W) \*\***

The course meets on alternate days for a block period.

### College Course Credits

You will earn college credit through NVCC for the following courses:

- **CSC 222 – Object-Oriented Programming** (4 credits)
- **CSC 208 – Introduction to Discrete Structures** (3 credits)

**\*\* Note:** Prior completion of Computer Programming Dual-enrolled (DE) is a requirement for Computer Programming Intensified. A score of 3 or higher on the AP Computer Science A exam can substitute for this requirement.

**\*\*\* Note:** prior completion of Computer Programming Intensified is a requirement for Computer Programming Advanced.

## Level 3

### High School Course

Sign up for this 1 credit high school course at the Arlington Career center:

- **Computer Programming Advanced (96643W) \*\*\***

The course meets on alternate days for a block period.

### College Course Credits

You will earn college credit through NVCC for the following courses:

- **CSC 215 – Computer Systems** (3 credits)
- **CSC 223 – Data Structures and Analysis of Algorithms** (4 credits)

## Learning by Doing

Arlington Tech, our project-based learning program at the Career Center, offers students a full day opportunity to apply learning to real world projects in a variety of areas, including computer programming.