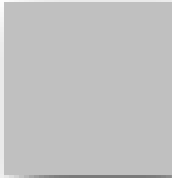


Computer Programming

Instructor: Luke Wilmoth
CIP Code 11.0201



Career Pathways:

Computer Programmers*

Software Developers

Web Designers

Computer Network Support
Specialists

Computer Science Teachers*

**Some job titles will require post-
secondary training*

Program Entrance Recommendations:

- Good math skills
- Teamwork
- Attention to detail
- Problem solving skills
- Reasoning skills
- Communication skills

Students in the Computer Programming lab will learn general writing and implementation of generic and customized programs. Students will learn to apply the methods and procedures of software design and programming to software installation and maintenance.

Instruction will include Microsoft Office, internet, and digital literacy, as well as basic programming languages such as C++, C#, Python, and JavaScript; databases and gaming languages like Unity. Students will also apply skills to program customization and linking, prototype testing, troubleshooting and related aspects of operating systems and networks.

Earn Industry Certifications:

Microsoft Office (Access, Word, Excel, PowerPoint, Outlook)

Internet and Computing Core Certification (IC3)

IT Fundamentals (CompTIA)

Python (W3)

Earn College Credits:

Pennsylvania West University
(PennWest)

Erie County Community College

Pittsburgh Technical College