Computer Technology, Certificate
PROGRAMMING
School of Technology

Program Description

The Computer Technology Programming Certificate offers the student a firm foundation in Python, C++ and JavaScript, several of the most popular programming languages being used in industry. Courses included in this certificate may be applied toward the Computer Technology AAS Programming option.

Career Opportunities

Graduates of the Computer Technology Programming Certificate may find employment as computer programmers, programmer analysts, technical sales representatives, technical support analysts and web developers.

Program Learning Outcomes

Upon successfully completing this program, students will be able to:
- Build full-featured application programs.
- Enhance application design with object-oriented programming skills.
- Create, test and debug computer programs.

Sugg. Term	Seq #	Course ID	Course Title	Cr.	Prereq/Coreq(Co)	Options Available
Fall	1	PDV 101	First Year Seminar	1		
	2	CPT 145	Introduction to Computer Technology	3		
	3	CPT 150	Microcomputer Concepts	3		
	4	CPT 160	Introduction to Programming	3		
	5	CPT 156	Programming with Python	3		
Spring	6	CPT 180	C++ Programming	3	CPT160	
	7	CPT 196	Access for Windows	3		
	8	CPT 182	Operating Systems	3		
Minimum Program Credits				**22**		**COPRG**