

# Computer Technology, Certificate

## PROGRAMMING

### School of Technology

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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.	Term Offered	Prereq/Coreq(Co)	Options Available
Fall	1	PDV 101	First Year Seminar	1	F, Sp, Su		
	2	CPT 145	Introduction to Computer Technology	3	F, Sp, Su		
	3	CPT 150	Microcomputer Concepts	3	F, Sp, Su		
	4	CPT 160	Introduction to Programming	3	F, Sp, Su		
	5	CPT 156	Programming with Python	3	F		
Spring	6	CPT 180	C++	3	Sp, Su		
	7	CPT 196	Access for Windows	3	F, Sp	CPT 150	
	8	CPT 182	Operating Systems	3	Sp, Su	CPT 145	

Total Program Credits

22

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