PC TECHNICIAN, CERTIFICATE - PCS7

This program is designed to provide students with the knowledge and ability to install, maintain and troubleshoot computers, networks and network equipment. The program takes a hands-on approach using real-world examples. The PC Technician certificate will prepare the student for an entry-level job in computer maintenance and network support. Students will also learn the objectives for several national certifications including A+, Network+ and Microsoft. Students may also further their education by enrolling in Computer Technology, Network concentration.

Requirements

Courses	Course Title	Credit Hours
Required Course Information		
CPT 207	Complex Computer Applications	3
CPT 209	Computer Systems Management	3
CPT 242	Database	3
CPT 247	UNIX Operating System	3
CPT 257	Operating Systems	3
CPT 267	Technical Support Concepts	3
CPT 282	Information Systems Security	3
IST 150	Project Management Essentials for IT Professionals	3
IST 220	Data Communications	3
IST 256	LAN Desktop Technologies	3
Total Hours		**30**

Graduation Plan

Fall Start

Course	Title	Hours
First Year		
Fall Semester		
IST 220	Data Communications	3
IST 256	LAN Desktop Technologies	3
CPT 209	Computer Systems Management	3
CPT 257	Operating Systems	3
	Hours	**12**
Spring Semester		
CPT 207	Complex Computer Applications	3
CPT 242	Database	3
CPT 267	Technical Support Concepts	3
IST 150	Project Management Essentials for IT Professionals	3
	Hours	**12**
Summer Semester		
CPT 247	UNIX Operating System	3
CPT 282	Information Systems Security	3
	Hours	**6**
	Total Hours	**30**

Spring Start

Course	Title	Hours
First Year		
Spring Semester		
CPT 207	Complex Computer Applications	3
CPT 209	Computer Systems Management	3
CPT 257	Operating Systems	3
IST 220	Data Communications	3
	Hours	**12**
Summer Semester		
CPT 242	Database	3
CPT 267	Technical Support Concepts	3
	Hours	**6**
Fall Semester		
CPT 247	UNIX Operating System	3
CPT 282	Information Systems Security	3
IST 150	Project Management Essentials for IT Professionals	3
IST 256	LAN Desktop Technologies	3
	Hours	**12**
	Total Hours	**30**

Summer Start

Course	Title	Hours
First Year		
Summer Semester		
CPT 209	Computer Systems Management	3
CPT 257	Operating Systems	3
IST 220	Data Communications	3
	Hours	**9**
Fall Semester		
CPT 247	UNIX Operating System	3
CPT 282	Information Systems Security	3
IST 150	Project Management Essentials for IT Professionals	3
IST 256	LAN Desktop Technologies	3
	Hours	**12**
Spring Semester		
CPT 207	Complex Computer Applications	3
CPT 242	Database	3
CPT 267	Technical Support Concepts	3
	Hours	**9**
	Total Hours	**30**

Application and Advising

If you are ready to start your education, there are a few simple steps involved in enrolling at Piedmont Technical College.

Get Started Today (https://www.ptc.edu/admissions/new-students/)

Advising Information

The following information provides a guide for advisors who are helping students enroll in this program.

Program Notes

Students may start this program in any term, and this program can be completed on a part-time or full-time basis. All courses are offered online, depending on the semester.

Note that all courses are not offered every semester, and sequencing of courses is very important, so it is best to follow the established outline of courses as closely as possible.

The courses in this certificate fulfill 30 of the 63 hours required for the Computer Technology-Network concentration (CTN3) or Cybersecurity concentration (CTC3).

College policy states that computer coursework is valid for eight years.

Program Student Learning Outcomes

Purpose Statement

This program is designed to provide students with the knowledge and ability to install, maintain and troubleshoot computers, networks and network equipment. The program takes a hands-on approach using real-world examples. The PC Technician certificate will prepare the student for an entry-level job in computer maintenance and network support. Students will also learn the objectives for several national certifications including A+, Network+, and Security+.

Program Student Learning Outcomes

1. Demonstrate the ability to use logical design techniques in creating programs and systems.
2. Recognize and describe the computer hardware components.
3. Install, configure and upgrade software.
4. Apply basic computer literacy concepts.
5. Plan, design and construct a working computer network including appropriate Local Area Network (LAN) and Wide Area Network (WAN) connections and protocols.
6. Demonstrate the ability to organize data using current computer technology.