

**Computer Technology
PC Hardware Technician
Short-Term Certificate**

110101 PCH

Available: Shoals Campus
 Advisors: S. Harrison (5250) sam@nwsc.edu
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Almost all businesses today utilize microcomputers in their operations, whether they are large or small businesses. The investment they have made in microcomputers requires ongoing maintenance and service. The need for qualified technicians is continually expanding. These technicians need to know how to diagnose, configure, install, upgrade, and service industry standard microcomputers. This program is designed to provide the skills to become employed as a PC Hardware Technician.

All entering students are required to complete ORI 101 unless transferred from another university or college.

	Semester		
	Theory	Lab	Hours
CIS 249 Microcomputer Operating Systems	3	0	3
ILT 101 Survey of Electronics	3	0	3
ILT 112 Concepts of Digital Circuits	3	6	5
ILT 131 Personal Computer Problem Determination	2-3	3-0	3
CIS 110 Intro to Computer Logic and Programming	3	0	3
CIS 199 Network Communications or ILT 135 Local Area Networks	3	0	3
CIS 268 Software Support or ILT 130 Software Installation and Maintenance	3	0	3
CIS 269 Hardware Support or ILT 129 Personal Computer Hd.	3	0	3
CIS 146 Microcomputer Applications or ILT 175 Computer Fundamentals for Technology Students	3	0	3
Total Semester Credit Hours	29		

**Computer Technology
PC Software Technician
Short-Term Certificate**

110101 PST

Available: Shoals Campus
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The rapid expansion of microcomputer systems in all phases of business operations has generated a demand for knowledgeable technicians who can install, upgrade, service, and support industry standard software for microcomputers. This program will train the student to use PC operating systems, word processing, spreadsheets, database, and other related software tools which are commonly used in business.

All entering students are required to complete ORI 101 unless transferred from another university or college.

	Semester		
	Theory	Lab	Hours
CIS 146 Microcomputer Applications	3	0	3
CIS 147 Advanced Microcomputer Applications	3	0	3
CIS 148 Post Advanced Microcomputer Applications	3	0	3
CIS 249 Microcomputer Operating Systems	3	0	3
CIS Elective	3	0	3
MTH 246 Mathematics of Finance or MTH 116 Mathematical Appl.	3	0	3
CIS 268 Software Support or ILT 130 PC Software Installation and Maintenance	2-3	3-0	3
OAD 133 Business Communications	3	0	3
Total Semester Credit Hours	24		

PROGRAMS OF STUDY