



***Computer Networking  
Program Guide***  
CIP Code # 11.0901

<b>Standard Occupational Classifications</b>	<b>2015 Pennsylvania High Priority Occupations</b>
15-1150 Computer Support Specialist 15-1051.00 Computer Systems Analysts 15-1071.00 Network and Computer Systems Administrators 15-1071.01 Computer Security Specialists 15-1099.03 Network Designers 15-1132 Software Developers, Applications <sup>3</sup>	15-1121 Computer Systems Analysts <sup>3</sup> 15-1142 Network & Computer Systems Administrators <sup>3</sup> 15-1151 Computer User Support Specialists <sup>3</sup> 15-1152 Computer Network Support Specialists <sup>3</sup>
<b>Industry Accreditation</b>	<b>Student Certifications</b>
None at this time	ECTS Program Completer or Participant Pennsylvania Skills Certificate CareerSafe OSHA 10-Hour Safety Certificate CareerSafe Cyber Safety Certificate TestOut PC Pro Certificate TestOut Network Pro Certificate TestOut Security Pro Certificate CompTIA IT Fundamentals Certificate CompTIA A+ Certificate CompTIA Network + Certificate CompTIA Security+ Certificate

Key: <sup>1</sup>Statewide HPO      <sup>2</sup>Regional HPO      <sup>3</sup>Both Statewide and Regional HPO

For more information, go to: <http://online.onetcenter.org/find/family?f=17&g=Go>




## Course Prerequisites

People who are employed in the networking technologies field need to be consistent yet flexible, be interested in solving problems and have the ability to communicate, either orally or in written form, with a variety of people at differing skill and authority levels. Since the technology of computers and networking are ever evolving, students must enjoy learning and be committed to being life-long learners.

Students entering this program should possess the following characteristics:

- Honest and ethical
- Positive and energetic
- A good communicator
- Able to accept both instruction and constructive criticism
- Able to follow safety rules
- Logical, able to think through scenarios
- Familiar with computer equipment and software
- Interested in reading and writing
- Basic math skills
- Able to create mental images to troubleshoot both simple and complex computer concepts and issues
- A self-starter who is able to stay on task
- Able to work individually and as part of a team
- Respectful attitude for authority in both the classroom and “customer opportunities”

## Supplies List

Item Supplied by Students	Photo of Item	Estimated Cost
Two 4 GB USB Flash Drives		\$10.00-\$15.00 each \$20.00-\$30.00 total
One Pair of Earphones, Headset, or Earbuds for a Standard Audio Jack		\$10.00-\$25.00
At least one three ring binder that is 2” or larger (heavy duty preferred and two if possible) for each year enrolled in program		\$10.00-\$20.00