



Program of Study (POS): Cybersecurity and Networking Technology

Classification of Instructional Program (CIP): 11.0901

Topic	Information	Resources
Classroom tests	Module exams along with informal check for understanding.	Quizlet; unit study guides, netacad.com
Midterm and/or final exams	Midterms and comprehensive final exam; end of program NOCTI exam.	www.nocti.org netacad.com
Industry certification tests and costs*	Available to students who qualify and who complete at least 2 full years of instruction: CompTIA ITF+, CompTIA A+, CompTIA Network+, OSHA 10 and others to be determined.	https://www.comptia.org/ OSHA
Number of books	1: Cisco Networking Academy lab manuals. The curriculum is online.	
Direct instruction (%)	50% theory – 50% hands-on lab exercises/help desk	
Cooperative education	Available to students who qualify, typically individuals in their 3 rd year and in grade 12	Mrs. Stacey Caudill, Work-based Learning Coordinator 412.469.3200, x2542
Homework	Make-up work, study for exams	
Task list	Program of study task list for CIP 11.0901	PDE: www.education.pa.gov (search CIP POS task lists)
Prerequisites	Algebra 1 recommended; completion of grade 9; strong interest in networking and other related disciplines.	
Reading levels	End of grade 9	
Math levels	End of grade 9	
Program requirements and related costs (required and optional)	Business casual, no open-toed shoes	www.steelcentertech.com Cybersecurity and Networking Technology homepage
Dual enrollment	CCAC-BNY Mellon	Mr. S. Hinkle, School Counselor: 412.469.3200, x2517
Articulation agreements	Listed on PDE's website.	PDE: www.education.pa.gov (search SOAR); Mr. S. Hinkle, Counselor: 412.469.3200, x2517
Essential aptitudes and skills	Strong math, problem-solving, and troubleshooting skills: the ability to do the following: work in groups, climb ladders, work at ground level and overhead, communicate effectively.	
Work environment	Combined office, lab, and shop work environment; extended periods of time rigorously working on computers: network installation requires use of ladders, drill & hand drywall saws in an indoor/outdoor environment.	Cybersecurity and Networking Technology rules, as outlined in the program syllabus: www.steelcentertech.com

* More detailed information may be provided upon acceptance to this program.