Network Administration and Cyber Security - Diploma and AAS

The Networking Administration and Cybersecurity program offers hands-on experience with installation, maintenance, and administration of PC networks. Students will spend time working on security principles and router, switch, and firewall configuration. The program offers the latest equipment and software, plus experience with Microsoft and Linux operating systems. Students will leave with the skills and knowledge industry requires.

During the second semester, students will take NET-101 IT Fundamentals, where they have the opportunity to earn CompTIA IT Fundamentals certification.

The IT Technician Diploma is awarded after successful completion of the second semester.

Students will also take NET-153 Advanced Networking during the second year, which includes the CIW Network Technology Associates exam. The CIW NTA certificate is awarded after successful completion of this exam.

Where will this take me?

Network Administrator
Network Technician
Network Installer

Instructor and Staff

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Diploma, Indian Hills Community College
AAS, Southeastern Community College
BGS, Western Illinois University
MS, Western Governors University

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit SCC's financial aid website at http://www.scciowa.edu/admissions/costaid/finaid/gainemp.aspx

West Burlington Campus

Program Requirements

Fall Semester I		Credit
CIS-125	INTRODUCTION TO PROGRAMMING LOGIC WITH LANGUAGE	3
NET-122	COMPUTER HARDWARE BASICS	3
NET-142	NETWORK ESSENTIALS	3
NET-442	LINUX OPERATING SYSTEM	3
ENG-105	COMPOSITION I	3
MAT-702	INTRODUCTION TO MATH APPLICATIONS or	3
MAT-772	APPLIED MATH (ONLINE)	3

Spring Semester I		Credit
CIS-504	STRUCTURED SYSTEMS ANALYSIS	3
NET-101	IT FUNDAMENTALS	1
NET-310	VIRTUAL MACHINES	3
NET-314	WINDOWS SERVER	4
NET-637	NETWORK INTRUSION INVESTIGATION	3
HUM-287	LEADERSHIP DEVELOPMENT STUDIES or	3
SOC-114	CONFLICT RESOLUTION IN THE WORKPLACE	3

Fall Semester II		Credit
BUS-203	PROFESSIONAL DEVELOPMENT	2
CFR-100	INTRODUCTION TO COMPUTER FORENSICS	3
NET-627	SYSTEM SECURITY	2
NET-716	DATABASE ADMINISTRATION/SERVICE APPLICATION	3
PSY-111	INTRODUCTION TO PSYCHOLOGY or	3
SOC-110	INTRODUCTION TO SOCIOLOGY	3

Spring Semester II		Credit
CIS-810	EMERGING TECHNOLOGIES SEMINAR	1
NET-153	ADVANCED NETWORKING	4
NET-717	EMAIL APPLICATIONS	3
NET-820	NETWORK INTERNSHIP	4
SPC-112	PUBLIC SPEAKING	3

Program Total..63-63