

CISCO NETWORKING ACADEMY AND INFORMATION SECURITY CONCENTRATION

This degree concentration combines the information technology core and general education requirements plus the courses from cisco networking academy certificate and the information security certificate. A student completing this degree will have the necessary skills to be an entry-level networking engineer with the skills necessary to help the organization ensure continuous operation by safeguarding data from attacks and disasters



The National Security Agency and Department of Homeland Security has designated Northeast Community College as an institution for CAE-2Y - National Centers of Academic Excellence in Cyber Defense 2-Year Education

Required Program of Study for Associate of Applied Science Degree (2 years)

FRESHMAN YEAR

First Semester	
Course	Credits
BSAD 2050 Business Communications*	3
INFO 1020 Introduction to Information Technology ...	3
INFO 1100 Microcomputer Applications*	3
INFO 1170 Operating Systems I	3
INFO 1420 Introduction to Programming in C#	4
	16

Second Semester	
Course	Credits
BSAD 1000 Human Relations and Ethics* OR	
PSYC 1810 Introduction to Psychology*	3
INFO 1725 HTML, CSS, and JavaScript	3
INFO 1850 Operating Systems II	3
INFO 2330 Database Concepts, Design and	
Application	4
MATH 1100 Topics and Ideas in Mathematics*	3
	16

SOPHOMORE YEAR

First Semester	
Course	Credits
ACCT 1100 Survey of Accounting	3
INFO 2040 Project Management	3
INFO 2650 Network Servers	3
INFO 2700 Cisco Networking I	4
INFO 2710 Cisco Networking II	4
	17

Second Semester	
Course	Credits
ECON 2110 Principles of Macroeconomics*	3
INFO 2720 Principles of Information Security	3
INFO 2730 Information Security Lab	1
INFO 2750 Cisco Networking III	4
INFO 2760 Cisco Networking IV	4
INFO 2800 CompTIA Security+ Certification	1
	16
Total Credit Hours	65

*See general education requirement.