Network Support & Administration

Certificate

Program Requirements 18
Additional Requirements 12
Total Credits 30

Program Information

Computer Networking certificates focus on the development of job- or career-specific skills in a short-term, concentrated format. Many courses may apply toward the Associate of Science (AS) degree in Computer Networking.

Program Goals

By completing this certificate, students will achieve the following learning goals:

1. Design and develop secure voice, video, and data networks;
2. Implement and configure networked devices;
3. Demonstrate the skills necessary to administer and monitor networks;
4. Exhibit mastery of problem-solving skills to troubleshoot existing and emerging technologies; and
5. Function as responsible and ethical network administrators for organizations and society.

General Information

Due to the dynamic nature of the computer networking industry, students are not able to sell back CNET course materials to the bookstore.

Completion Requirements

- A minimum of 12 semester credits in courses numbered 1000 or above must be completed at ARCC.
- A minimum cumulative grade point average (GPA) of 2.0 in courses numbered 1000 or above at ARCC.
- A minimum grade of C must be earned in all program requirements.
- Courses must be completed within three years. Students may petition to extend the window beyond the three years.
- All course requirements must be complete before a certificate will be awarded.
- To complete your program, please submit the appropriate application found here.
- The requirements of this program are subject to change without notice.

Program Requirements: 18 credits

☐ CNET 1100	Introduction to Information Technology	3
☐ CNET 1212	Client Operating Systems	3
☐ CNET 1213♦	Server Operating Systems	3
☐ CNET 2101♦	Introduction to Networks	3
☐ CNET 2302♦	Routing, Switching, and Wireless Essentials	3
☐ CNET 2305♦	Enterprise Networking, Security, and Automation	3

Additional Requirements: 12 credits

☐ BUS 1103	Human Relations in the Workplace	3
OR		
☐ BUS 1145	Customer Service	3

Electives: Choose a minimum of 9 credits from the following:

☐ CNET 1000	IT Exploration	2
☐ CNET 1105	Introduction to Cybersecurity	1
☐ CNET 2110♦	Principles of IT Security	3
☐ CNET 2114	Fundamentals of Linux/UNIX	3
☐ CNET 2125♦*	System Virtualization	3

prerequisite effective beginning Spring 2024

☐ CNET 2220♦	Cyber Operations	3
☐ CNET 2230♦	Ethical Hacking	3
☐ CNET 2390♦	IT Service Management	2
☐ CSCI 1101♦	Introduction to Computer Science and Problem-Solving	3
☐ CSCI 1106♦	Fundamentals of Computer Science I	4
☐ CSCI 1107♦	Fundamentals of Computer Science II	4

♦ *Course has prerequisite - see course schedule or catalog description.*
^ *Course requires Instructor permission.*

NOTE: You are encouraged to contact an academic advisor at 763-433-1230 for course planning assistance and information about transfer credit evaluation and transfer options.

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