

### 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.
- Students must complete a Certificate Application. Certificate Applications are available online at [AnokaRamsey.edu/resources/forms/](http://AnokaRamsey.edu/resources/forms/) under Records and Registration. Alternative formats of the form are available at the Records and Registration Office per request.
- The requirements of this program are subject to change without notice.

### Program Requirements: 18 credits

<input type="checkbox"/>	CNET 1100	Introduction to Information Technology .....	3
<input type="checkbox"/>	CNET 1212	Client Operating Systems .....	3
<input type="checkbox"/>	CNET 1213♦	Server Operating Systems .....	3
<input type="checkbox"/>	CNET 2101♦	Introduction to Networks .....	3
<input type="checkbox"/>	CNET 2302♦	Routing, Switching, and Wireless Essentials.....	3
<input type="checkbox"/>	CNET 2305♦	Enterprise Networking, Security, and Automation .	3

### Additional Requirements: 12 credits

<input type="checkbox"/>	BUS 1103	Human Relations in the Workplace .....	3
<b>OR</b>			
<input type="checkbox"/>	BUS 1145	Customer Service.....	3

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

<input type="checkbox"/>	CNET 1000	IT Exploration.....	2
<input type="checkbox"/>	CNET 1105	Introduction to Cybersecurity .....	1
<input type="checkbox"/>	CNET 2110♦	Principles of IT Security .....	3
<input type="checkbox"/>	CNET 2114	Fundamentals of Linux/UNIX.....	3
<input type="checkbox"/>	CNET 2125	System Virtualization.....	3
<input type="checkbox"/>	CNET 2200♦	Network Forensics .....	2
<input type="checkbox"/>	CNET 2215♦	Managing Network Security .....	3
<input type="checkbox"/>	CNET 2230♦	Ethical Hacking.....	3
<input type="checkbox"/>	CNET 2297^	Field Experience and Seminar .....	1-4
<input type="checkbox"/>	CSCI 1101♦	Introduction to Computer Science and Problem-Solving.....	3
<input type="checkbox"/>	CSCI 1106♦	Fundamentals of Computer Science I.....	4
<input type="checkbox"/>	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.