Network Support and Administration

Certificate Program 2012-2013

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 Associate in Science degrees in Business and Computer Networking and Telecommunications. For additional information, visit our Web site at http://www.AnokaRamsey.edu.

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.
5. Function as responsible and ethical network administrators for organizations and society.

Application:

To receive this certificate, submit a Certificate Application to the Records and Registration Office. Applications are available in Academic Advising Services, or the Records and Registration Offices on either campus.

Developmental Courses:

Some students may need preparatory courses in the area of English, mathematics, or typing/keyboarding. Courses numbered below 1000 will not apply toward the certificate.

Completion Requirements:

- A cumulative GPA of 2.0 or above is required to complete this certificate.
- A minimum grade of C must be earned in all program requirements.
- All program requirements must be completed at Anoka-Ramsey Community College.
- Due to the dynamic nature of the computer networking industry, students are not able to sell back CNET course materials to the bookstore.
- Courses must be completed within 3 years. Students may petition to extend the window beyond the 3 years.
- A minimum of 12 semester credits must be completed at Anoka-Ramsey Community College.
- All course requirements must be complete before a certificate will be awarded.

Program Requirements: 18 credits

☐	CNET	2101	Data Telecommunications and Computer Networks	3
☐	CNET	2112	Desktop Operating Systems	3
☐	CNET	2113♦	Network Operating Systems	3
☐	CNET	2301♦	Internet Protocol Routing	3
☐	CNET	2303♦	LAN Switching and Adv. Router Configs	3
☐	CNET	2304♦	WAN Theory and Design	3

Additional Requirements ..... 12 credits

☐	BUS	1103	Human Relations in the Workplace	3

Electives:

Select a minimum of 9 credits from the following:

☐	BUS	1108	Business Math	3
☐	BUS	1112♦	Computer Concepts and Applications	3
☐	BUS	1113♦	Computer Applications II: Integrated Processes	3
☐	BUS	1122	Business Ethics and Social Issues	3
☐	BUS	1180	Developing Web Pages	3
☐	BUS	2215	Legal Environment of Business	3
☐	BUS	2244	Principles of Management	4
☐	CNET	1101	PC Troubleshooting, Maintenance & Repair	2
☐	CNET	1115	IT & Data Assurance	3
☐	CNET	2105	Security Awareness and Policies	1
☐	CNET	2114	Fundamentals of Linux/UNIX	3
☐	CNET	2125♦	System Virtualization	2
☐	CNET	2205	Fundamentals of Wireless LANs	3
☐	CNET	2215♦	Managing Network Security	3
☐	CNET	2297♦	Field Experience & Seminar	1-4
☐	CNET	2320♦	Unified Communications/VoIP	3
☐	CSCI	1101♦	Intro to Computer Sci. Problem-Solving	3
☐	CSCI	1106♦	Fundamentals of Computer Science I	4
☐	CSCI	1107♦	Fundamentals of Computer Science II	4

For more information about our program graduation rates, the median debt of students who completed the program, and other important information, please visit our Web Site at http://anokaramsey.edu/classes/Certificates/Network%20Support%20and%20Administration%20-%20Certificate.aspx and click on the "Gainful Employment Disclosure Report" link at the bottom of the page.

♦ ***Course has a prerequisite. Prerequisites are listed on the course schedule and in the ARCC Catalog Course Descriptions pages.***

NOTE: The requirements of this program are subject to change without notice. You are encouraged to contact an academic advisor, Cambridge Campus 763-433-1840 or Coon Rapids Campus 763-433-1240, for course planning assistance and information about transfer credit evaluation.

Anoka-Ramsey Community College
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