



CERTIFICATE

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Course Schedule

Program Outcomes



Career Possibilities

Potential Salary



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Benefits Cybersecurity Networking

This certificate provides students with the skills necessary for entry level work in network security specialist positions, specifically System Administration.

After successful completion of the certificate, students will be able to set up, network, and manage basic computer systems in the area of security; as well as be prepared for certifications in Cisco CCNA Security, CompTIA Security+, and elements of (ISC)² Security programs.

Expected Student Outcomes:

- Set up and secure a small to medium size network
- Recognize the potential security threats facing modern networks
- Secure network environment using firewalls, VPNs and other tools
- Monitor for signs of intrusion
- Perform configuration on routers, switches, hardware security appliances
- Perform basic system administration including management of system accounts
- Apply critical thinking skills in order to resolve troubleshooting and security issue

Courses

| Item # | Title | Class Hours | Lab Hours | Credits |
|----------|--|-------------|----------------------|-----------|
| CSCN116N | Networking Basics | 2 | 2 | 3 |
| CSCN150N | Fundamentals of Cybersecurity | 2 | 2 | 3 |
| CSCI170N | Linux Essentials | 2 | 2 | 3 |
| CSCN202N | Cloud Computing | 2 | 2 | 3 |
| CSCN204N | Administering Windows Servers | 2 | 2 | 3 |
| CSCN211N | Cybersecurity Operations | 2 | 2 | 3 |
| CSCN216N | Switching, Routing, & Wireless Essentials | 3 | 3 | 4 |
| CSCN217N | Enterprise Networking, Security and Automation | 2 | 2 | 3 |
| | | | Total Credits | 25 |

NON-DISCRIMINATION POLICY

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- Title VI and VII of the Civil Rights Act of 1964, as amended
- The Age Discrimination in Employment Act of 1967 (ADEA)
- Title IX of the Education Amendment of 1972
- Section 504 of the Rehabilitation Act of 1973
- The Americans with Disabilities Act of 1990 (ADA)
- Section 402 of the Vietnam Era Veteran's Readjustment Assistance Act of 1974
- NH Law Against Discrimination (RSA 354-A)
- NH Law RSA 188-F:3-a.
- Genetic Information Nondiscrimination Act of 2008

Inquiries regarding discrimination may be directed to Sara A. Sawyer, Director of Human Resources for the Community College System of NH, 26 College Drive, Concord, NH 03301, 603-230-3503. Inquiries may also be directed to the NH Commission for Human Rights, 2 Industrial Park Drive, Concord, NH 03301, 603-271-2767, FAX: 603-271-6339; and/or the Equal Employment Opportunity Commission, JFK Federal Building, 475 Government Center, Boston, MA, 02203, 617-565-3200 or 1-800-669-4000, FAX: 617-565-3196, TTY: 617-565-3204 or 1-800-669-6820.