

NETWORK SERVER ADMINISTRATION, COLLEGE CREDIT CERTIFICATE

Program Code: NACC
Meta-Major: STEM
Location(s): Cocoa, Melbourne, Palm Bay, Titusville, Online
Delivery Method(s): On-Campus, Hybrid
Previous Degree Required: HS Diploma
Eligible for Financial Aid: Yes
Additional Limited Access Application Process Required: No
Program Testing Requirements:
Classification of Instructional Programs (CIP) Code: 11.1001
Florida Department of Education CIP Code: 0511100112

This certificate program is designed to prepare students for entry-level network sever administrator position. The core courses provide introduction to:

- network design and operations
- securing network infrastructure and protecting data
- operating system concepts and practices
- network security fundamentals
- directory infrastructure and installation
- maintaining network servers and services
- securing data transmission and authentication
- planning for business continuity and high availability

The techniques and skills are introduced in a progressive delivery starting with computer networking, client and server operating systems, security protection and testing methods, and advanced elements of server administration.

Students currently employed in the field can supplement and upgrade their skills through a variety of offerings in computer systems administration, network design and protection, and security methods, and techniques. Credits earned in this certificate may apply to the [Associate in Science \(A.S.\) in Network Systems Technology](#). [Visit the program page for more details and how to apply.](#)

Refer to [course descriptions](#) to determine prerequisites.

Certificate Requirements

Code	Title	Credit Hours
Major Courses		
CET 1176	Computer Maintenance and Repair ¹	3
CTS 1321	Linux Networking and System Administration ¹	3
CTS 1383	Microsoft Server O/S - Installation and Configuration	3
CTS 2370	Virtual Infrastructure- Planning and Design	3
CTS 2384	Directory Services	3
CTSC 1134	Network+	3
CTSC 1651	Cisco Router Technology	3

CTSC 2120	Network Security Fundamentals	3
Total Credit Hours		24

1.

This course has the following prerequisite CGS 1000 Exploring Digital Technology.

Learning Outcomes: Network Server Administration, College Credit Certificate

1. Apply subnetting to IP Networks
 - *Supports Core Ability: Think Critically and Solve Problems*
2. Analyze user authentication methods
 - *Supports Core Ability: Think Critically and Solve Problems*
3. Design a group policy strategy
 - *Supports Core Ability: Think Critically and Solve Problems*
4. Install a domain controller
 - *Supports Core Ability: Think Critically and Solve Problems*
5. Contrast absolute and relative pathnames
 - *Supports Core Ability: Think Critically and Solve Problems*
6. Contrast stand-alone utilities and built-in shell commands
 - *Supports Core Ability: Think Critically and Solve Problems*
7. Create a small workgroup environment
 - *Supports Core Ability: Think Critically and Solve Problems*
8. Organize user accounts into logical group accounts
 - *Supports Core Ability: Think Critically and Solve Problems*
9. Analyze the primary functions and features of a router
 - *Supports Core Ability: Think Critically and Solve Problems*
10. Design a hierarchical addressing scheme
 - *Supports Core Ability: Think Critically and Solve Problems*