

NETWORK SUPPORT TECHNICIAN, COLLEGE CREDIT CERTIFICATE

Program Code: NTCC

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: 0511100121

This certificate is part of the [Network Systems Technology A.S.](#) degree program.

This certificate program is designed to prepare students for entry-level network support technician position. The core courses provide introduction to computer network maintenance and support, networking fundamentals, operating systems, and network security fundamentals. The techniques and skills are introduced in a progressive delivery starting with computer networking, client and server operating systems, and security methods.

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 also apply to the [Associate in Science \(A.S.\) degree 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 1329	Microsoft Client O/S	3
CTS 1383	Microsoft Server O/S - Installation and Configuration	3
CTSC 1134	Network+	3
CTSC 1651	Cisco Router Technology	3
CTSC 2120	Network Security Fundamentals	3
Total Credit Hours		21

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

Learning Outcomes: Network Support Technician, College Credit Certificate

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