

# IT 2250C

## Networking Specialist



**MedCerts**  
A Stride Company

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877.219.3306

### TUITION

\$4,000

### DURATION

76 weeks

### TARGET CERTIFICATION

Cisco Certified Technician (CCT) –  
Routing and Switching  
CompTIA Network+

### ISSUING AUTHORITIES



### REQUIREMENTS

High School Diploma  
or GED

### PROGRAM DETAILS

The IT-2250: Networking Specialist program is recommended for beginning IT professionals looking to start as an IT professional in the field of networking. This program is designed to provide a foundational, or entry-level pathway toward two key networking certifications well known throughout the world of IT: Cisco Certified Technician (Routing and Switching), and CompTIA Network+.

The Cisco Certified Technician (CCT) credential is ideally suited to someone who has little or no Cisco or networking experience – especially if the candidate wants to focus their career on working with Cisco products. Candidates who successfully pass the Cisco CCT exam will be able to service, repair, and hot-swap Cisco products, be familiar with the Cisco UCS and NX-OS operating modes, and be able to navigate and use the Cisco Graphical User Interface. Considered by many industry professionals to be the best foundation for Cisco networking beginners, the CCT Routing and Switching credential focuses on on-site support and maintenance of Cisco routers, switches, and operating environments. The Cisco Certified Technician Routing and Switching course adequately prepares the student for the final course in the program, Network+.

Earning Network+ Certification means the student has the knowledge needed to use and maintain a wide range of networking technologies and validates their proficiency in networking administration and support. Students learn through hands-on labs, demo activities, and recorded video lectures. CompTIA Network+ validates the technical skills needed to securely establish, maintain, and troubleshoot the essential networks that businesses rely on. Unlike the CCT certification, CompTIA Network+ prepares candidates to support networks on any platform.

Upon completion, MedCerts will sponsor the cost of both the CCT Routing and Switching and Network+ exams.

### CAREER SERVICES

For all MedCerts Students that are not affiliated with an employer partner, you also have the added benefit of Job Search Assistance including guidance with resume building, networking, interviewing, and job search tips.

*While MedCerts training and related target certifications may be accepted and/or approved by your state of residency, employers reserve the right to dictate pre-requisite education, experience, or certification/licensure requirements for their positions. These requirements may exclude a MedCerts graduate from eligibility. We strongly advise students to research target job posts from area employers and relevant state requirements, barriers or restrictions to ensure eligibility upon graduation.*

Throughout the Networking Specialist program, students will learn the skills to:

- ✓ Identify and work with various network typologies and network types, including LANs, WANs, VLANs
- ✓ Configure and implement network access control settings, permissions, authentication, and network hardening measures through an understanding of fundamental network security concepts
- ✓ Provide, create, or update technical documentation for network diagrams, plans and procedures, audit & assessment reports, baseline configurations, disaster recovery, service-level agreements, and other documents
- ✓ Demonstrate knowledge of how to architect, manage, and maintain a network infrastructure, including related equipment, such as routers, switches, cabling, as well as legacy components

*Some training programs and/or certifications may not be accepted in your state, please review our [State Restriction](#) page to confirm eligibility*



### TARGET CERTIFICATIONS

Certifications	Issuing Authority	Exam Details
Cisco Certified Technician (CCT) – Routing and Switching	Cisco	90 multiple choice and performance-based questions Time limit: 90 minutes
CompTIA Network+	CompTIA	60-70 total questions Time limit: 90 minutes

### ATTAINABLE CAREERS

- Network Technician
- Network Administrator
- Network Installer
- Jr. Cloud Network Technician
- System Specialist

Course Code	Title	Hours	Weeks
IT-1012C	Customer Service Skills for Techies	16	8
IT-2023C	Networking Fundamentals	16	8
IT-2015C	Hands-on Python for Networking Professionals	16	8
IT-2016C	Cisco Certified Technician Routing and Switching	16	8
IT-2013C	Network + 009	96	44

### EXPERIENTIAL/CLINICAL COMPONENT:

Experiential/Clinical Component Requirements (not a requirement for IT-2250 Network Specialist) – Once students complete this program, they will be able to immediately start seeking employment in this field.

### CRIMINAL BACKGROUND CHECKS AND DRUG SCREENING POLICY:

MedCerts does not perform criminal background checks, nor do we test students for illicit drug use. Please be advised that while MedCerts does not perform these checks, the student's drug, criminal, or immunization status may prevent clinical/externship placement and future employment as a healthcare or IT professionals. Externship sites, employers, and State Boards of Pharmacy or other regulatory boards have regulations about immunizations, drug use, and criminal backgrounds. Regulatory boards, externship sites, employers, and other organizations that may require these screenings for placement, and adverse results may prohibit you from moving forward in the program. Candidates with a felony conviction are not eligible to participate in ANY MedCerts program that includes the Pharmacy Technician certification as a primary or secondary certification

The student understands that MedCerts does not hold any control over the drug, immunization, criminal, or background screening processes or policies held by any organization outside of MedCerts.



*Upon 100% completion of this program, students will receive a "MedCerts Certificate of Completion." This is proof of completion of training but isn't a nationally recognized certification. Students are expected to take and pass the national certification exam through the issuing authority for recognized certification in their field.*