APPLIED TECHNOLOGY ACADEMY

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CompTIA Network+ Training

CompTIA Authorized Training · Applied Technology Academy

The CompTIA Network+ certification is globally recognized for its comprehensive approach to IT networking, an aspect of tech that closely relates to other facets of IT, such as cloud computing, virtualization, software development, cybersecurity, and more. IT professionals in every organization need to have strong networking skills to keep systems connected and running properly. CompTIA Network+ (N10-009) prepares tech professionals to do just that.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Beginner	**5 Days**	**9-12 months: Network support (A+ recommended)**	**$70,120**	**Yes**

Course Overview

Technology is ever-changing, and CompTIA certifications are routinely updated for that reason. CompTIA Network+ is accredited by ANSI and meets multiple U.S. DoD directive requirements. This ensures that the subject matter is kept up-to-date and meets real world needs, including some of the most important skills required of IT pros.

Such skills include:

- Understanding IP addressing, mapping networks, and ensuring connectivity and network availability.
- Strong grasp on wireless standards and technologies that are continually evolving.

Implementing strategies to secure and harden networks against malicious attacks and presenting corporate networks with a first line of defense.

- Extensive troubleshooting of common networking issues occurring both within devices and across their intricate connections.
- Troubleshooting end-user issues for a variety of common networking problems.

Course Outline

- **Module 01: Explaining Network Topologies**
- **Module 02: Supporting Cabling and Physical Installations**
- **Module 03: Configuring Interfaces and Switches**
- **Module 04: Configuring Network Addressing**
- **Module 05: Configuring Routing and Advanced Switching**
- **Module 06: Implementing Network Services**

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- **Module 07: Explaining Application Services**
- **Module 08: Supporting Network Management**
- **Module 09: Explaining Network Security Concepts**
- **Module 10: Applying Network Security Features**
- **Module 11: Supporting Network Security Design**
- **Module 12: Configuring Wireless Networks**
- **Module 13: Comparing Remote Access Methods**
- **Module 14: Summarizing Cloud Concepts**

Intended Audience

CompTIA Network+ is intended for entry-level computer support professionals with a basic knowledge of computer hardware, software, and operating systems who wish to increase their knowledge and understanding of networking concepts and acquire the required skills to prepare for a career in network support or administration. In particular, the following individuals will benefit from this course:

- IT personnel who need a solid foundation in networking
- Managers and supervisors who must oversee network-related activities
- Individuals interested in pursuing the CompTIA Network+ certification exam

Prerequisites

To get the most out of CompTIA Network+ and be able to prepare for your exam, you should ideally have successfully completed the “CompTIA A+ Support Skills” course, earned the CompTIA A+ certification, and have about 9-12 months of experience of networking support or IT administration. It is not necessary that you pass the A+ exams before completing Network+ certification, but it is recommended.

Regardless of whether you have passed A+, it is recommended that you have the following skills and knowledge before starting this course:

- Configure and support PC, laptop, mobile (smartphone / tablet), and print devices.
- Know basic network terminology and functions (such as Ethernet, TCP/IP, switches, routers).
- Configure and manage users, groups, and shared resources in a simple SOHO network.
- Understand the use of basic access control measures, such as authentication, security policy, encryption, and firewalls.
- Understand TCP/IP addressing, core protocols and troubleshooting tools.

Follow-On Courses

- CompTIA Security+
- CompTIA Server+

- CompTIA Linux+
- Cisco Implementing & Administering Cisco Solutions (CCNA)

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.