

Get In Touch

Contact Information

Contact us for more information on our program or so that we can assist you with any questions!

 **Phone Number**

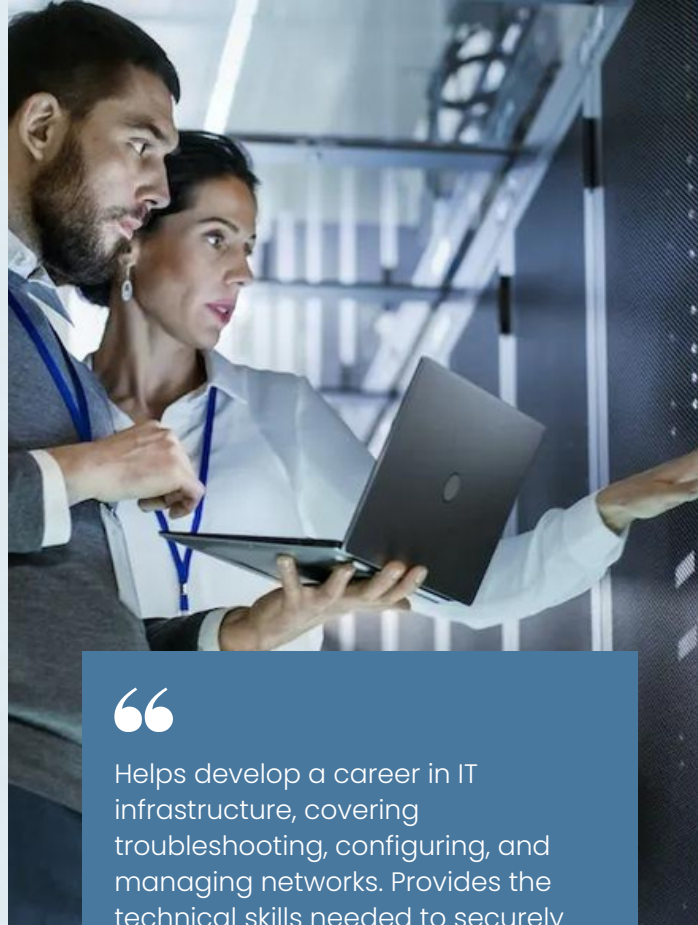
571-732-2555

 **E-mail Address**

info@advtechnicalinstitute.com

 **Our Location**

44679 Endicott Drive Suite 229 Ashburn, VA 20147



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Helps develop a career in IT infrastructure, covering troubleshooting, configuring, and managing networks. Provides the technical skills needed to securely establish, maintain, and troubleshoot the virtual networks that businesses rely on. The CompTIA Network+ certification ensures that the successful candidate has the critical knowledge and skills to manage, maintain, troubleshoot, install, operate, and configure basic network infrastructure, describe networking technologies' basic design principles, adhere to wiring standards, and use testing tools.

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ADV Technical Institute

CompTIA Network+ Course

Our state of the art course that prepares you for the IT field with up to date curriculum that will guarantee you pass your exam.

Introduction

Course Description

This training will provide everything you need to prepare for the CompTIA Network+ Exam N10-008! Knowing how to install, configure, and troubleshoot a computer network is a highly marketable and exciting skill. This course first introduces the fundamental building blocks that form a modern network, such as protocols, topologies, hardware, and network operating systems. It then provides in-depth coverage of the essential concepts in contemporary networking, such as TCP/IP, Ethernet, wireless transmission, and security. After attending this course, you will be prepared to select the best network design, hardware, and software for your environment. You will also have the skills to build a network from scratch and maintain, upgrade, and troubleshoot an existing network. Finally, you will be well prepared to pass CompTIA's (the Computing Technology Industry Association's) Network+ certification exam. This course explains concepts logically and in a clear, approachable style. In addition, images are reinforced by real-world examples of networking issues from a professional standpoint. Each lesson opens with an On-the-Job story from a network engineer.



How we do it

Course Outline

Day 1:

- Networking Fundamentals

Day 2:

- Network Implementations

Day 3:

- Network Operations

Day 4:

- Network Security networking

Day 5:

- Network Troubleshooting

Why we do it

Learning Objectives

As a result of participating in this Security+ program, you will be able to

- Design and implement functional networks
- Configure, manage, and maintain essential network devices
- Use devices such as switches and routers to segment network traffic and create resilient networks
- Identify benefits and drawbacks of existing network configurations
- Implement network security, standards, and protocols
- Troubleshoot network problems
- Support the creation of virtualized networks