

COMPTIA NETWORK+ CERTIFICATION COURSE



The **Network+ Certification Course** covers the Latest 2009 CompTIA Network+ Certification syllabus. CompTIA Network+ certification ensures that the successful candidate has the important knowledge and skills necessary to manage, maintain, troubleshoot, install, operate and configure basic network infrastructure, describe networking technologies, basic design principles, and adhere to wiring standards and use testing tools.

As the demand for skilled network support professionals grows, Network+ has quickly becoming the standard for networking competency. Network+ is the perfect entry point into a networking career.

This certification is targeted towards Network Administrators with very little experience and technical professionals from a variety of fields who want to improve their effectiveness by learning more about the basics of networking.

The CompTIA Network+ certification is the sign of a competent networking professional. It is an international, vendor-neutral certification that proves a technician's competency in managing, maintaining, troubleshooting, installing and configuring basic network infrastructure. maintaining, troubleshooting, installing and configuring basic network infrastructure.

Since its introduction in 1999, more than 235,000 people have become CompTIA Network+ certified. Microsoft includes CompTIA Network+ in their Microsoft Certified Systems Administrator (MCSA) program, and other corporations such as Novell, Cisco and HP also recognize CompTIA Network+ as part of their certification tracks.

Course Objectives:

After completing this course student's will know how to:

- Describe the basic components and characteristics of a network.
- Identify wired network-to-network connections.
- Install LAN wiring components.
- Differentiate between wired internetworking devices.
- Configure the TCP/IP communication protocols for a wired connection.
- Install wireless network components.
- Identify common security threats and mitigation techniques.
- Secure operating systems and network devices.
- Control access to the network.
- Monitor network resources.
- Troubleshoot the network.

Price:
£200.00

Instalment Options:
You can spread the payments for this course over 4 monthly payments. 1 initial payment of £80.00, followed by 3 monthly payments of £40.00.

Course Format:
Course Book & Online Practice Exams

Assessment:
CompTIA Network+ Examination

Approximate Study Time:
100 Hours of Self Study

The Network+ Certification course consists of the following items:

➤ **Network+ Certification, 2009 Objectives Course Card**

Access the most important information you need quickly and easily with four-color, tri-fold, six-sided Course Cards! This card can help you pass the test, as well as provide a handy reference for general networking information. A basic overview summarizes access methods, transport protocols, network services, wireless LANs, and security and authentication protocols.

Advanced topics cover network devices, network security, remote access protocols, and WAN technologies. The quick reference section will help you remember types of media, media connectors, and cables, as well as reference models, IP addressing, TCP/IP protocols and ports, networking technologies, and remote access connection technologies.

➤ **Network+ Certification, 2009 Objectives Course Book**

This course book is designed to provide network technicians and support staff with the foundation-level skills they need to install, operate, manage, maintain, and troubleshoot a corporate network. The manual is designed for quick and easy scanning and filled with exercises that help ensure success.

The course book covers the following Units:

- **Unit 1: Network Basics**

The following topics are covered in this unit: Network concepts; Network architectures; and The OSI model.

- **Unit 2: Wired Computer-to-Computer Connections**

The following topics are covered in this unit: Wired network connections; and Network interface cards and modems.

- **Unit 3: Network-to-Network Connections**

The following topics are covered in this unit: Network-to-network connection components; LAN wiring; and LAN wiring tests.

- **Unit 4: Wired Internetworking Devices**

The following topics are covered in this unit: Basic internetworking devices; and Specialized internetworking devices.

- **Unit 5: Wired Communication Standards**

The following topics are covered in this unit: The TCP/IP protocol suite; TCP/IP; and DHCP servers.

- **Unit 6: Wireless Networking**

The following topics are covered in this unit: Wireless network devices; Wireless networking standards; and Wireless configuration.

- **Unit 7: Security Threats and Mitigation**

The following topics are covered in this unit: Security threats; and Threat mitigation.

- **Unit 8: Security Practices**

The following topics are covered in this unit: Operating systems; and Devices.

- **Unit 9: Network Access Control**

The following topics are covered in this unit: Authentication; Public key cryptography; Remote access; and Wireless security.

- **Unit 10: Monitoring**

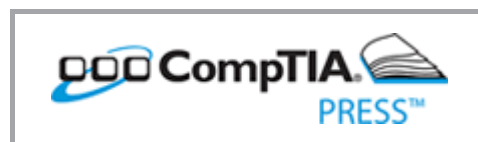
The following topics are covered in this unit: Monitoring resources; and Event Viewer.

- **Unit 11: Troubleshooting**

The following topics are covered in this unit: Troubleshooting basics; Troubleshooting the network; and Troubleshooting scenarios.

- **Certification Exam Objectives Map**

PLEASE NOTE: The Network+ Certification Course is designed as a theory-based course but does contain all relevant information on how to complete practical exercises. The course books that we use are Official CompTIA Press Course materials.



➤ **CertBlaster Online Exam Preparation Software**

The course comes with DTI Publishing's Online CertBlaster exam preparation software absolutely free.

CertBlaster® is a powerful certification preparation tool that simulates the conditions of the exams students prepare for. **CertBlaster®** offers four practice modes and all the different question types required to simulate all the exams.

CertBlaster covers mock examination questions in multiple choice or multiple answer formats. This software is the perfect addition to help prepare for your exam.

Pre-Requirements:

It is recommended that students have completed the A+ Certification Course and have experience of Networks and Networking equipment, but this is not a requirement.

To complete the practical elements of this course, students would require access to multiple PC's as well as networking equipment & toolkit.

Course Duration & Support:

Students may register at any time. The courses are designed as self-study courses but if you have any problems you can email our email support. As the course is self study you can complete in as little or as long a time as you prefer, and we do not impose a cut-off date for study.

Assessment:

Assessment is from the Network+ Certification 220-701 and Examination. The Examination has 100 questions in a multiple choice/multiple answer format. The Exam is graded on a scale of 100 - 900 with a minimum passing score of 720.

Qualification:

On completion of the Network+ course, you can apply for the Internationally Recognised **CompTIA Network+ N10-004 Examination**.

Examinations must be sat at a registered Prometric or Pearson VUE testing centre and are currently £169.00 + VAT each. You can locate testing centres and schedule appointments on their Websites:



Prometric website – <http://www.prometric.com/>

Pearson VUE - <http://pearsonvue.com/>