Network+ Certification Course

110 Hours / 6 Months

Course Description

Building and maintaining networks are among the most important skills to have as an IT professional. Whether ~~you are a software engineer, a database analyst, or a web developer, understanding networking~~ ~~fundamentals and earning CompTIA certification~~ confirms that you have the knowledge you need to configure and troubleshoot both wireless and wired hardware. You'll stand out among other job candidates when you gain the experience this online course provides and earn this valuable credential.

- This course can be taken on either a PC or Mac. Mac users are encouraged to have access to a Windows environment on their device.

Course Outline

MODULE	TOPICS COVERED
1: Network Architecture	• How to install, configure, and differentiate between common network devices. • Routing protocols, computer forensic practices, and addressing and cloud computing technologies. • All about WAN/LAN technology, addressing services like DHCP, the OSI model and the TCP/IP model, and Domain Name Services (DNS). • How to implement and maintain wireless network and wireless access rules. • How to conduct network monitoring and perform network performance optimization.
2: Network Operations	• How to install, configure, and differentiate between common network devices. • Routing protocols, computer forensic practices, and addressing and cloud computing technologies. • All about WAN/LAN technology, addressing services like DHCP, the OSI model and the TCP/IP model, and Domain Name Services (DNS). • How to implement a basic wireless network and wireless security. • performance optimization.
3:	• How to install, configure, and differentiate between common network devices. • Routing protocols, computer forensic practices, and addressing and cloud computing technologies. • All about WAN/LAN technology, addressing services like DHCP, the OSI model and the • How to implement and maintain wireless network and wireless access rules. • performance optimization.
4: Troubleshooting	• How to install, configure, and differentiate between common network devices. • Routing protocols, computer forensic practices, and addressing and cloud computing technologies. • All about WAN/LAN technology, addressing services like DHCP, the OSI model and the TCP/IP model, and Domain Name Services (DNS). • How to implement a basic wireless network and wireless security. • performance optimization.
5: Industry standards, practices and network theory	• How to install, configure, and differentiate between common network devices. • Routing protocols, computer forensic practices, and addressing and cloud computing technologies. • All about WAN/LAN technology, addressing services like DHCP, the OSI model and the • How to implement and maintain wireless network and wireless access rules. • performance optimization.