

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 looking for a career in network administration or you are simply interested in learning more about networks, this course will provide you with the knowledge and skills you need to succeed. The course covers a wide range of topics, including network fundamentals, network security, and network troubleshooting. Upon completion of the course, you will have the knowledge and skills 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 as either a BS or MA. MA students are encouraged to have access to Windows environment on their device.

Course Outline

MODULE	TOPICS COVERED
1: Network Architecture	<p>How to install, configure, and differentiate between common network devices.</p> <p>Routing protocols, computer forensic practices, and addressing and cloud computing technologies.</p> <p>OSI model and the TCP/IP model, and Domain Name Services (DNS).</p> <p>How to conduct network monitoring and perform network performance optimization.</p>
2: Network Operations	<p>How to install, configure, and differentiate between common network devices.</p> <p>cloud computing technologies.</p> <p>OSI model and the TCP/IP model, and Domain Name Services (DNS).</p> <p>How to implement a basic wireless network and wireless security.</p> <p>performance optimization.</p>
3:	<p>How to install, configure, and differentiate between common network devices.</p> <p>cloud computing technologies.</p> <p>OSI model and the</p> <p>performance optimization.</p>
4: Troubleshooting	<p>How to install, configure, and differentiate between common network devices.</p> <p>cloud computing technologies.</p> <p>OSI model and the TCP/IP model, and Domain Name Services (DNS).</p> <p>How to implement a basic wireless network and wireless security.</p> <p>performance optimization.</p>
5: Industry standards, practices and network theory	<p>How to install, configure, and differentiate between common network devices.</p> <p>cloud computing technologies.</p> <p>OSI model and the</p> <p>performance optimization.</p>