



## Network+ Certification Track

**Network+ is vendor-neutral and globally recognized-**CompTIA Network+ professionals are trained to work with a variety of hardware, software and networks. Take your talents wherever your IT ambitions lead you.

**Network+ makes you shine in a growing industry** According to CompTIA the U.S. Bureau of Labor Statistics projects a 12% job growth in network and computer systems over the next seven years. Additionally, CompTIA Network+ professionals are known to excel in their job: 53% of IT and business executives agree that certified staff performs at a higher level than non-certified staff. Global Knowledge's IT Skills and Salary Report estimates the average salary of a Network+ certified IT professional at about \$74,000.

**Network+ meets the highest standards-**CompTIA Network+ meets the ISO 17024 standard and is approved by U.S. Department of Defense to fulfill Directive 8570.01-M requirements. It is compliant with government regulations under the Federal Information Security Management Act (FISMA).

**Take Your Career To the Next Level Get Network+ Certified**

### NETWORK+ Certification

<b>Goal of Training</b>	This course is suitable for students looking to acquire job skills and to be trained specifically to pass the associated CompTIA Network+ N10-006 certification exam.
<b>Goal of Training</b>	Though there are no prerequisites for this course we recommend that individuals have knowledge of Window operating systems and IT Fundamentals.
<b>Expected Outcomes</b>	<ul style="list-style-type: none"> <li>• Understand the basic concepts of networking</li> <li>• Understand the OSI model and the TCP/IP model and the protocols and applications that function within these models.</li> <li>• Install and properly terminate various cable types and connectors using appropriate tools</li> <li>• Differentiate between common network topologies</li> <li>• Understand the basics of routing and switching operations as well as the protocols used on most networks today.</li> <li>• Understand virtual networking and how to work with wireless technologies in order to create a functional wireless network.</li> <li>• Overall understanding of LAN and WAN technologies, connectivity methods, topologies, and standards.</li> <li>• Describes the different networking problems and issues that can arise, as well as how they can be addressed.</li> <li>• Understand how to manage and monitor modern networks and will explore security in wired and wireless environments.</li> </ul>
<b>Course Content</b>	<ul style="list-style-type: none"> <li>• <b>Lesson 1: Network architecture</b></li> <li>• <b>Lesson 2: Network Operations</b></li> <li>• <b>Lesson 3: Network Security</b></li> <li>• <b>Lesson 4: Troubleshooting</b></li> <li>• <b>Lesson 5: Industry Standards, Practices, and Network Theory</b></li> </ul>

#### WHAT IS INCLUDED

**Textbook(s) and authors:** The following textbooks will be used in the course. Textbooks may be accessed via the e-Reference Library at no charge to students for online access. You have the option to purchase the books within the e-Reference Library however it is not a requirement:

**Exercises:** You will go through a series of exercises that will assess your comprehension and application of the principles covered in the course. Once you answer the assignment questions, you may compare your answers to the answer key.

**Lesson Quizzes/Tests:** Upon completion of each lesson and exercises, there is a lesson Quiz. These quizzes will assess your comprehension of the concepts covered within the lesson presentations. The grade achieved on these quizzes will be saved in the grade book for the course.

**Final Exam:** Upon completion of all the activities in the course, there is a final exam. The exam will focus on all the material covered throughout the course, including reading assignments. The results achieved on the final exam will be saved in the grade book.

**TECHNICAL SUPPORT** Instructional/Technical Support may be reached by:

- **CHAT:** clicking the icon in the online classroom entitled, 'Connect with Support.' A help desk specialist is available Monday-Saturday via instantaneous chat mode. (Monday-Thursday 8am-11pm; Friday 8am-6pm; Saturday 11am-6pm)
- **EMAIL:** During those hours when online support is not available, instructional support will contact you within 24 business hours.