Online CompTIA A+, Network+, and Security+ Course

480 Hours / 12 Months

Course Description

This entry level program bundles three international certifications as well as prepares you to take the CompTIA A+ Core 1, A+ Core 2, Network+ exam, and the Security+ certification exams. At the end of this CompTIA training, you’ll also be proficient in basic cyber security concepts such as attacks and mitigation, security applications, risk assessment, disaster recovery and incident response, cloud computing, mobile devices, BYOD and SCADA, in addition to vulnerability assessment.

Prerequisites

Comfort and working knowledge of navigating online, the usage of a computer, and basic Microsoft Windows navigation skills.

Hardware Requirements

- This course can be taken on either a PC or Mac. The Online Lab System is compatible with PC and Mac computers as well. You will be provided detailed instructions for setting-up a home virtual lab system.

Software Requirements

- PC: Windows 7 or later.
- Mac: OS X Snow Leopard 10.6 or later.
- Browser: The latest version of Google Chrome or Mozilla Firefox are preferred. Microsoft Edge and Safari are also compatible.
- Adobe Flash Player. Click here to download the Flash Player.
- Adobe Acrobat Reader. Click here to download the Acrobat Reader.
- Email capabilities and access to a personal email account.
- Software must be installed and fully operational before the course begins.
## Course Outline

<table>
<thead>
<tr>
<th>MODULE</th>
<th>TOPICS COVERED</th>
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| **1: CompTIA™ A+ Core 1** | Hardware  
Hardware Part II  
Networking  
Mobile & More |
| **2: CompTIA™ A+ Core 2** | Windows  
Troubleshooting  
Security  
Mac & Linux |
| **3: CompTIA™ Network+** | Foundations of Networking and Infrastructure  
Addressing, Protocols, and Routing  
Cabling and Wireless Networking  
Virtualization and the Cloud, Subnets, and VLANs  
Risk Management and Security  
Network Performance and WANs |
| **4: CompTIA™ Security+** | Security Attacks and Cryptography  
Security and Networking  
Securing Networks and Clients  
Mobile Security and Access Management  
Business Continuity and Risk Mitigation |