



## Network+ Prep Course (Online Learning)

Enrollment opens 90 prior to course start; students may enroll anytime during the course open dates.

### Course Costs

Included in Course	Cost
ComTIA Network+ Exam Voucher	\$200
CertMaster Learn (elearning)	\$150
CertMaster Labs	\$95
6 weeks live,online instruction/tutoring (4hr/week)	\$550
Total Course Price	\$995

- Price includes shipping, tax, credit card processing and any applicable administrative fees.

### General Information

#### Description

CompTIA Network+ tests core knowledge required in IT and Network professionals roles while focusing on skills like design and implement functional networks, using devices such as switches and routers to segment network traffic and create resilient networks, implementing network security, standards, and protocols, troubleshooting network problems and creating virtualized networks.

The Network+ Certification is compliant with ISO 17024 standards and approved by the US DoD to meet directive 8140/8570.01-M requirements for IAT level I positions.

### Course Material Details

#### Material Included

The following materials are included with the cost of the course and provided directly to the student.

- CompTIA Network+ Lesson Guide
- CompTIA CertMaster Lab Access (6 months access)
- CompTIA Network+ Exam Voucher
- CompTIA CertMaster Practice Exam
- CompTIA Official Network+ Training Slides
- 6 weeks live instruction, review and tutoring by training expert on curriculum
- 6 months access to Distance Learning Portal
  - ✓ CompTIA course videos
  - ✓ Custom quizzes and activities for every chapter



### Link for Enrollment

<https://gacybercenter.pdx.catalog.canvaslms.com>

### Expectations and Goals

This course prepares the learner over a course of 5 weeks to pass the CompTIA Network+ Exam. Access for up to 6 months to all the online content allow individuals that need to continue to review the material ample time to prepare for the certification exam. Topics and objectives include:



#### • NETWORKING CONCEPTS

Explain the purpose of a variety of networking concepts and implement them appropriately



#### • INFRASTRUCTURE

Determine & explain the appropriate cabling, device and storage technologies



#### • NETWORK OPERATIONS

Use best practices to manage the network, determine policies & ensure business continuity



#### • NETWORK SECURITY

Summarize physical security & common attacks while securing the wired and wireless network



#### • NETWORK TROUBLESHOOTING & TOOLS

Explain the network troubleshooting methodology & appropriate tools to support connectivity & performance



## Course Schedule

Week	Topic (Includes lecture/video/student guide reading and associated labs)
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Week 1	Ch. 1- Explaining the OSI and TCP/IP Models Ch. 2- Explaining Properties of Network Traffic Ch. 3- Installing and Configuring Switched Networks Ch. 4- Configuring IP Networks
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Week 2	Ch. 5- Installing and Configuring Routed Networks Ch. 6- Configuring and Monitoring Ports and Protocols Ch. 7- Explaining Network Application and Storage Issues Ch.8- Monitoring and Troubleshooting Networks
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Week 3	Ch. 9- Explaining Network Attacks and Mitigations Ch. 10- Installing and Configuring Security Devices Ch. 11- Explaining Authentication and Access Controls Ch. 12- Deploying and Troubleshooting Cabling Solutions
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Week 4	Ch. 13- Implementing and Troubleshooting Wireless Technologies Ch. 14- Comparing and Contrasting WAN Technologies Ch. 15- Using Remote Access Methods Ch. 16- Identifying Site Policies and Best Practices
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Week 5	Review/Summary of material Take Practice Exam Schedule Certification Exam through CompTIA
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