

Collin College - Continuing Education

COURSE SYLLABUS

COURSE INFORMATION

Course Number: CTIA 6390

Course Title: CompTIA Net + Certification

Course Description: Preparation for CompTIA's Network + exam, validating technical competency in networking administration and support.

Suggested Course Prerequisite(s): CompTIA A+ Certification, or equivalent experience.

Course Resources (provided):

The Official CompTIA Network+ Student Guide (Exam N10-008) Print + eBook

CompTIA CertMaster Labs for Network+ (N10-008) - Student Access Key

CompTIA Network+ (N10-008) Exam Voucher

Student Learning Outcomes: Demonstrate skills required to pass CompTIA Network+ certification exam.

Certification Notes: Part of CompTIA certification series.

Next course recommendation: CompTIA Security+ Certification

Lesson Plan – course topics:

- Explaining the OSI Model and TCP/IP Models
- Explaining Properties of Network Traffic
- Installing and Configuring Switched Networks
- Configuring IP Networks
- Installing and Configuring Routed Networks
- Configuring and Monitoring Ports and Protocols
- Explaining Network Applications and Storage Services
- Monitoring and Troubleshooting Networks
- Explaining Networking Attacks and Mitigations
- Installing and Configuring Security Devices
- Explaining Authentication and Access Controls
- Deploying and Troubleshooting Cabling Solutions
- Implementing and Troubleshooting Wireless Technologies
- Comparing and Contrasting WAN Technologies
- Using Remote Access Methods
- Identifying Site Policies and Best Practices

Course Sessions: Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Refund Policy: Please refer to www.collin.edu/ce/inforegistrar.html for our refund policy. No refunds after the start time of the first class.

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.