

Computer Networks

TEIT - 2100 401

Course Description

Computer Networks provides instruction on the installation, configuration, management, and troubleshooting of common components of modern computer networks. This course prepares candidates to support networks across multiple platforms and aligns with the objectives of the CompTIA Network+ certification exam. It is recommended students complete TEIT 1210 prior to taking this course.

Course Student Learning Outcomes

- Demonstrate an understanding of core networking concepts and terminology.
- Install, configure, and verify the functionality of networking devices and components given multiple scenarios.
- Identify network security vulnerabilities and mitigations.
- Implement security for a basic network.
- Compare and contrast business continuity and disaster recovery concepts.
- Troubleshoot common network connectivity issues.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	7 Exam - Application Services	Assignment	25

Due Date	Assignment Name	Assignment Type	Points
	10 - CertMaster Lab Activities Assignment	Assignment	30
	10 Exam - Applying Security Features	Assignment	25
	11 - CertMaster Lab Activities Assignment	Assignment	10
	11 - Network Security Design	Assignment	18
	12 - CertMaster Lab Activities Assignment	Assignment	24
	12 Exam - Wireless Networks	Assignment	25
	13 - CertMaster Lab Activities Assignment	Assignment	10
	13 Exam - Remote Access Methods	Assignment	10
	14 - CertMaster Lab Activities Assignment	Assignment	4
	14 exam - Cloud Concepts	Assignment	20
	3 - CertMaster Lab Activities Assignment	Assignment	10

Due Date	Assignment Name	Assignment Type	Points
	3 Exam - Switch Configuration and Troubleshooting (end-of-module exams can be completed anywhere and taken multiple times)	Assignment	18
	3 Exam - Switch Configuration and Troubleshooting (end-of-module exams can be completed anywhere and taken multiple times)	Assignment	20
	4.4 - 4.6 - CertMaster Lab Activities Assignment	Assignment	18
	4.4-4.6 Exam IPv6 and Troubleshooting	Assignment	20
	5 - CertMaster Lab Activities Assignment	Assignment	18
	5 Exam - Routing and Switching	Assignment	25
	6 Exam - DHCP	Assignment	15
	6.2 - 6.4 - CertMaster Lab Activities Assignment	Assignment	28
	6.5-6.6 - CertMaster Lab Activities Assignment	Assignment	14

Due Date	Assignment Name	Assignment Type	Points
	6.5-6.6 Exam - DNS	Assignment	17
	7 - CertMaster Lab Activities Assignment	Assignment	10
	8 - CertMaster Lab Activities Assignment	Assignment	20
	8 Exam - Network Management	Assignment	25
	9 - CertMaster Lab Activities Assignment	Assignment	24
	9 Exam - Network Security Concepts	Assignment	25
	CompTIA Competency in Networking Certification (No cost to take in the classroom).	Assignment	100
	Introduce Yourself	Discussion	0

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements.

By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.