



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: CCNA Phase 3
Course Number: NET256

Required Materials

Textbook(s): Enterprise Networking Security and Automation, ISBN# 978-0136634324
Required Readings: None
Additional Materials: Optional - Flash Drive (16 Gigs or bigger)

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	<ul style="list-style-type: none"> • Syllabus Quiz • Quiz-Chapters 1 and 2 (LMS) • Packet Tracer Lab 2.3.11 Determine the DR and BDR (LMS) • Packet Tracer Lab 2.5.3 Propagate a Default Route in OSPFv2 (LMS) • Packet Tracer Lab 2.7.1 Single Area OSPFv2 Configuration (LMS)
Week 2	<ul style="list-style-type: none"> • Quiz-Chapter-3 (LMS) • Cisco Academy Exam, Chapters 1-2 (Cisco Academy Site)
Week 3	<ul style="list-style-type: none"> • Packet Tracer Lab 5.1.8 Configure a Numbered ACL (LMS) • Packet Tracer Lab 5.2.7 Modify an Existing ACL (LMS) • Packet Tracer Lab 5.4.12 Configure Extended ACL's Scenario-1 (LMS)
Week 4	<ul style="list-style-type: none"> • Exam-1, Chapters 1 thru 5 (Taken in class using LMS)
Week 5	<ul style="list-style-type: none"> • Packet Tracer Lab 6.4.5 Configure Static NAT Configure DHCP (LMS) • Packet Tracer Lab 6.6.7 Configure PAT (LMS) • Packet Tracer Lab 6.8.1 Configure NAT for IPv4 (LMS) • Cisco Academy Exam, Chapters 3-5 (Cisco Academy Site)
Week 6	<ul style="list-style-type: none"> • Packet Tracer Lab 7.6.1 (WAN Concepts (LMS) • Class Lab (Get the MAC) in Class
Week 7	<ul style="list-style-type: none"> • Class Lab (Do the Diffie) in class • Quiz, Chapter-8 (LMS) • Cisco Academy Exam, Chapters 6-8 (Cisco Academy Site)

Week	Chapter/Topic/Lab
Week 8	<ul style="list-style-type: none"> • Exam-2, Chapters 6 thru 8 (Taken in class using LMS)
Week 9	<ul style="list-style-type: none"> • Quiz, Chapter-9 (LMS) • Class Lab, QoS (In Class) • Homework Lab, Exploring QoS (LMS) • Packet Tracer QoS Lab
Week 10	<ul style="list-style-type: none"> • Class Lab, Syslog Setup (LMS) • Packet Tracer Lab 10.3.4 Configure NTP (LMS) • Packet Tracer Lab 10.7.6 Backup Configs to a TFTP Server (LMS) • Packet Tracer Lab 10.8.1 Configure CDP, LLDP and NTP (LMS)
Week 11	<ul style="list-style-type: none"> • Quiz, Chapter-11 • Packet Tracer Lab 11.5.1 Compare Layer 2 and 3 Devices (LMS)
Week 12	<ul style="list-style-type: none"> • Exam-2, Chapters 9 thru 11 (Taken in class using LMS)
Week 13	<ul style="list-style-type: none"> • Packet Tracer Lab 12.5.13 Troubleshoot Enterprise Networks (LMS) • Packet Tracer Lab 12.6.1 Troubleshooting Challenge–Document the Network (LMS) • Packet Tracer Lab 12.6.2 Troubleshooting Challenge-Use Doc’s to Solve Network Issues
Week 14	<ul style="list-style-type: none"> • Packet Tracer Lab 16.3.1 Troubleshoot Default and Static Routes (LMS) • Class Lab – Practice for Skills Exam
Week 15	<ul style="list-style-type: none"> • Skills Exam (In class)
Week 16	<ul style="list-style-type: none"> • Final Written Exam Comprehensive, Chapters 1 thru 15 (Cisco Academy Website but taken in class)