



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** CCNA Phase 2  
**Course Number:** NET137

### Required Materials

**Textbook(s):** CCNAv7 Switching, Routing and Wireless Essentials ISBN# 9780136729358  
**Required Readings:** None  
**Additional Materials:** Optional – 16 Gig Flash Drive or External USB Hard Drive

### 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	<b>Week-1 Folder, Chapters 1 and 2, Assignments:</b> <ul style="list-style-type: none"> <li>• Quiz-1 From Lab Video (LMS)</li> <li>• Packet Tracer Lab 1.3.6 Setting up SSH (LMS)</li> <li>• Syllabus Quiz</li> </ul>
Week 2	<b>Week-2 Folder, Chapters 3 and 4, Assignments:</b> <ul style="list-style-type: none"> <li>• Quiz-2 From Lab Video (LMS)</li> <li>• Packet Tracer Lab 3.2.8 Investigate a LAN (LMS)</li> <li>• Packet Tracer Lab 3.5.5 Configure Dynamic Trunking Protocol (LMS)</li> <li>• Cisco Academy Exam, Chapters 1-4 (Cisco Academy Site)</li> </ul>
Week 3	<b>Week-3 Folder, Chapters 5 and 6, Assignments:</b> <ul style="list-style-type: none"> <li>• Quiz-3 From Lab Video (LMS)</li> <li>• Quiz, Spanning Tree Protocol (LMS)</li> <li>• Packet Tracer Lab 6.2.4 Configure Etherchannel (LMS)</li> <li>• Cisco Academy Exam, Chapters 5-6 (Cisco Academy Site)</li> </ul>
Week 4	<b>Week-4 Folder, Exam-1, Assignments:</b> <ul style="list-style-type: none"> <li>• Exam-1, Chapters 1 thru 6 (Taken in class using LMS)</li> </ul>
Week 5	<b>Week-5 Folder, Chapters 7 and 8, Assignments:</b> <ul style="list-style-type: none"> <li>• Packet Tracer Lab 7.2.10 Configure DHCP (LMS)</li> </ul>
Week 6	<b>Week-6 Folder, Chapters 9 and 10, Assignments:</b> <ul style="list-style-type: none"> <li>• Packet Tracer Lab 9.3.3 Configure HSRP (LMS)</li> <li>• Packet Tracer Lab 5.2.1.4 Configure SSH (LMS)</li> </ul>

<b>Week</b>	<b>Chapter/Topic/Lab</b>
	<ul style="list-style-type: none"> <li>• Cisco Academy Exam, Chapters 7-9 (Cisco Academy Site)</li> </ul>
Week 7	<b>Week-7 Folder, Chapter 11, Assignments:</b> <ul style="list-style-type: none"> <li>• Packet Tracer Lab 11.1.10 Port Security (LMS)</li> <li>• Packet Tracer Lab 11.6.1 Switch Security Configuration (LMS)</li> </ul>
Week 8	<b>Week-8 Folder, Exam-2, Assignments:</b> <ul style="list-style-type: none"> <li>• Exam-2, Chapters 7 thru 11 (Taken in class using LMS)</li> </ul>
Week 9	<b>Week-9 Folder, Chapter 12, Assignments:</b> <ul style="list-style-type: none"> <li>• Quiz, Chapter-12 (LMS)</li> <li>• Class Lab, Find the right channel (In Class)</li> </ul>
Week 10	<b>Week-10 Folder, Chapter 13, Assignments:</b> <ul style="list-style-type: none"> <li>• Quiz, Chapter-13 (LMS)</li> <li>• Packet Tracer Lab 13.2.7 Configure a Wireless WAN using WLC (LMS)</li> <li>• Packet Tracer Lab 13.5.1 Wireless WAN Configuration (LMS)</li> <li>• Cisco Academy Exam, Chapters 10-13 (Cisco Academy Site)</li> </ul>
Week 11	<b>Week-11 Folder, Chapter 14, Assignments:</b> <ul style="list-style-type: none"> <li>• Packet Tracer Lab 14.3.5 Basic Router Configuration (LMS)</li> </ul>
Week 12	<b>Week-12 Folder, Exam-3, Assignments:</b> <ul style="list-style-type: none"> <li>• Exam-2, Chapters 12 thru 14 (Taken in class using LMS)</li> </ul>
Week 13	<b>Week-13 Folder, Chapter-15, Assignments:</b> <ul style="list-style-type: none"> <li>• Quiz, Chapter-13 (LMS)</li> <li>• Packet Tracer Lab 15.6.1 Configure IPv4 and IPv6 Static Routes (LMS)</li> </ul>
Week 14	<b>Week-14 Folder, Chapter-16, Assignments:</b> <ul style="list-style-type: none"> <li>• Packet Tracer Lab 16.3.1 Troubleshoot Default and Static Routes (LMS)</li> <li>• Class Lab – Practice for Skills Exam</li> </ul>
Week 15	<b>Week-15 Folder, Skills Exam, Assignments:</b> <ul style="list-style-type: none"> <li>• Skills Exam (In class)</li> </ul>
Week 16	<b>Final Written Exam Comprehensive, Chapters 1 thru 15 (Cisco Academy Website but taken in class)</b>