



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Introduction to Computer Networking
Course Number: NET121

Required Materials

Textbook(s): CCNAV7: Introduction to Networks (ITN), ISBN 9780136633662
Required Readings: Textbook
Additional Materials: None

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	Course Intro, Chapter 1 – Networking today (Lecture, Quiz, Lab, Objective 2)
Week 2	Chapter 2 – Basic Switch and End Device Configuration (Lecture, Quiz, Lab, Objectives 1, 3)
Week 3	Chapter 3/5 – Protocols and Models/Number Systems (Lecture, Quiz, Lab, Checkpoint Exam, Objectives 4-5)
Week 4	Chapters 4/6 – Physical Layer/Data Link Layer (Lecture, Quiz, Lab, Objectives 2, 6)
Week 5	Exam 1 (Chapters 1-6, Objectives 1-2, 4-6)
Week 6	Chapter 7 – Ethernet Switching (Lecture, Quiz, Lab, Checkpoint Exam, Objectives 1-2)
Week 7	Chapter 8 – Network Layer (Lecture, Quiz, Lab, Objectives 3-4), Academic Advising Bonus Assignment
Week 8	Chapters 9/10 – Address Resolution/Basic Router Configuration (Lecture, Quiz, Lab, Mod. Exam, Obj. 2-4, 7)
Week 9	Chapter 11.1 – IPv4 Addressing: Basic (Lecture, Quiz, Lab, Objectives 4, 7)
Week 10	Chapter 11.2 – IPv4 Addressing: VLSM (Lecture, Quiz, Lab, Objectives 4, 7)
Week 11	Exam 2 (Chapters 7-11, Objectives 1, 3-5), Early Registration Bonus Assignment
Week 12	Chapter 12/13 – IPv6 Addressing/ICMP (Lecture, Quiz, Lab, Checkpoint Exam, Objectives 4, 6-7)
Week 13	Chapter 14/15 – Transport Layer/Application Layer (Lecture, Quiz, Lab, Checkpoint Exam, Objectives 2-3, 5)
Week 14	Chapter 16 – Network Security Fundamentals (Lecture, Quiz, Lab, Objective 6)
Week 15	Chapter 17 – Build a Small Network (Lecture, Quiz, Lab, Checkpoint Exam, Objectives 3-4, 6-7)
Week 16	Exam 3 (Cisco Academy Comprehensive Final, Objectives 1-7)