

CPT 335: Networks Applications for Computer Technology I  
Spring 2023

Instructor: Naren Patel

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Class Hour: Thur 5:45PM – 7:45PM PC PCMALL 37  
Thur 7:50PM – 9:50PM PC PCMALL 37

Text Book: **CCNA Routing & Switching 200-125 Official Cert Guide Library**

Grading: Midterm 30%, Final 30%, Project 30%, Assignments 10%,

Assignments: The due date for the assignments is one week after it is assigned. Grades will be deducted for delay.

Course Contents:

Important Dates Spring 2018:

January	16	Monday	Martin Luther King, Jr. Day
January	17	Tuesday	First Day of Classes
January	21	Saturday	Saturday Classes Begin
January	23	Monday	Last Day to Add/Drop a Class
January	23	Monday	Last Day for 100% Refund, Full or Partial Withdrawal
January	24	Tuesday	W Grades Posted for Course Withdrawals
January	30	Monday	Last Day for 90% Refund, Full or Partial Withdrawal, No Refund for Partial Withdrawal after this date
February	13	Monday	Last Day for 50% Refund, Full Withdrawal
March	6	Monday	Last Day for 25% Refund, Full Withdrawal
March	13	Monday	Spring Recess Begins - No Classes Scheduled - University Open
March	18	Saturday	Spring Recess Ends

April	3	Monday	Last Day to Withdraw
April	7	Friday	Good Friday - No Classes Scheduled - University Closed
April	9	Sunday	Easter Sunday - No Classes Scheduled - University Closed
May	2	Tuesday	Friday Classes Meet
May	2	Tuesday	Last Day of Classes
May	3	Wednesday	Reading Day 1
May	4	Thursday	Reading Day 2
May	5	Friday	Final Exams Begin
May	11	Thursday	Final Exams End
May	13	Saturday	Final Grades Due

### Lectures:

Week 1 Jan 19 <sup>th</sup>	IP Addressing and Subnetting
Week 2 Jan 26 <sup>th</sup>	IP Addressing and Subnetting
Week 3 Feb 2 <sup>rd</sup>	Long Distance Communication, Modulation, and Modems
Week 4 Feb 9 <sup>th</sup>	Packets, Frames, and Error Detection
Week 5 Feb 16 <sup>th</sup>	LAN Technologies and Network Topology
Week 6 Feb 23 <sup>th</sup>	Hardware Addressing and Frame Type Identification
Week 7 March 2 <sup>th</sup>	Midterm
Week 8 March 9 <sup>th</sup>	LAN Wiring, Physical Topology, and Interface Hardware
Week 9 March 16 <sup>th</sup>	Spring Break No Class
Week 10 March 23 <sup>th</sup>	LAN Wiring, Physical Topology, and Interface Hardware
Week 11 March 30 <sup>st</sup>	Extending LANs
Week 12 April 6 <sup>th</sup>	Long-Distance and Local Loop Digital Tech

Week 13 April 13 <sup>th</sup>	WAN Technologies and Routing
Week 14 April 20 <sup>st</sup>	Understanding routing and troubleshooting
<b>Week 15 April 27<sup>th</sup></b>	<b>Review as needed and practice Labs/ Final Project and Presentation Due From All Teams And Final Exam Review</b>
Week 16 May 4 <sup>rd</sup>	<b>Reading Day No Class</b>
Week 17 May 11 <sup>th</sup>	<b>Final Exam</b>

Labs:

Week 1 Jan 19 <sup>th</sup>	Cisco Router Overview
Week 2 Jan 26 <sup>th</sup>	IOS Navigation and User Modes
Week 3 Feb 2 <sup>rd</sup>	Setting Passwords
Week 4 Feb 9 <sup>th</sup>	Configuring Interfaces For Communication Part 1
Week 5 Feb 16 <sup>th</sup>	Configuring Interfaces For Communication Part 2
Week 6 Feb 23 <sup>th</sup>	Midterm Review
Week 7 March 2 <sup>th</sup>	Midterm
Week 8 March 9 <sup>th</sup>	Static Routes Expanded
Week 9 March 16 <sup>th</sup>	Spring Break No Class
Week 10 March 23 <sup>th</sup>	Tools and Application
Week 11 March 30 <sup>st</sup>	Understanding Packet Flow
Week 12 April 6 <sup>th</sup>	Understanding basic routing and troubleshooting
Week 13 April 13 <sup>th</sup>	Understanding basic routing and troubleshooting
Week 14 April 20 <sup>st</sup>	Understanding basic routing and troubleshooting
<b>Week 15 April 27<sup>th</sup></b>	<b>Final Project and Presentation Due From All Teams Final Review</b>
Week 16 May 4 <sup>rd</sup>	Reading Day
Week 17 May 11 <sup>th</sup>	Final Exam