

Computer Science 537– SPRING 2009

CISCO Networking Academy Program - Semester 3/4

Routing Systems, Devices and Protocols

Instructor: Hanh Tran
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Office hours: By appointment only. Email is encouraged.
Prerequisites: Computer Science 578 with grade C or better.
Optional Text: **Cisco Networking Academy Program**
1. LAN Switching and Wireless, CCNA Exploration Companion Guide
ISBN-13: 9781587132070
2. Accessing the WAN, CCNA Exploration Companion Guide
ISBN-13: 9781587132056

Ticket 3177 Meets Wednesday night
Location: 5:45pm – 7:50pm COCS 1508
8:00pm – 10:00pm COCS 1508

Course Objectives

CISCO 3: Learning the technologies and protocols to design and implement a switched network.

CISCO 4: An introduction to WAN technologies, services and managements.

Grading:

*Chapter exams 20%

*2 final exams (Cisco 3 and Cisco 4) 40%

Labs 20%

Group by 2 Case Study 20%

A: At least 90%; B: At least 80%; C: At least 70%; D: At least 60%; F: below 60%

Note: *These exams are graded through CISCO server. The results of these exams will be used to calculate the students' final letter grades in addition to the percentages of labs and case study.

Class policies:

1. Students can take chapter exams remotely. Each chapter exam will be activated for one week and it will **NOT** be activated after the scheduled due date.
2. Students will have two hours on the final exam date to take the online final exam. Final online CISCO exams (CCNA 3 and CCNA 4) must be taken in COCS 1508.
3. Case study and lab assignments can be completed in room 1508 or by using Packet Tracer version 5. Case study and late labs will **NOT** be accepted after the scheduled due date.
4. If you are unable to attend the class, you are responsible for all assignments and lectures covered in that session.
5. Dropping the class is **YOUR responsibility** if you decide not to attend (on line, by phone, or in the Admission and Records office). Failure to do so will result an F grade on your transcript.

Important Links:

Cisco Academy login: <http://cisco.netacad.net>

Class Web site: <http://faculty.piercecollege.edu/tranhm>

Reminder: March 6, 2008 is the last day you can drop the class without a grade of "W"

Tentative date/activities

Date	Class Activities	Hand-on Labs	Lab Submission
02/11/09 Wk 1 CCNA 3	Chapter 1: LAN Design Chapter 2: Basic Switch Concepts/Configuration <i>Exam chapter 1</i>	2.5.1	
02/18/09 Wk 2 CCNA 3	Chapter 2: Basic Switch Concepts/Configuration <i>Exam chapter 2</i> Case study discussion		
02/25/09 Wk 3 CCNA 3	Chapter 3: VLANs Chapter 4: VTP <i>Exam chapter 3</i>	3.5.1	
03/04/09 Wk 4 CCNA 3	Chapter 4: VTP Chapter 5: STP <i>Exam chapter 4</i>	4.4.1	
03/11/09 Wk 5 CCNA 3	Chapter 5: STP Chapter 6: Inter-VLAN routing <i>Exam chapter 5</i>	5.5.1	
03/18/09 Wk 6 CCNA 3	Chapter 6: Inter-VLAN routing Chapter 7: Basic Wireless Concepts/Configuration <i>Exam chapter 6</i>	6.4.1	
03/25/09 Wk 7 CCNA 4	Chapter 1: Introduction to WANs <i>Exam Chapter 1</i> Final Exam - CCNA 3 (8PM-10PM)		All CCNA 3 labs must be submitted on 3/25/09
04/01/09 Wk 8 CCNA 4	Chapter 2: PPP <i>Exam Chapter 2</i>	2.5.1	
04/08/09 Wk 9	Spring Break College closed.		
04/15/09 Wk 10 CCNA 4	Chapter 3: Frame Relay <i>Exam chapter 3</i>	3.5.1	
04/22/09 Wk 11 CCNA 4	Chapter 7: IP Addressing Services <i>Exam chapter 7</i>	7.4.1	
04/29/09 Wk 12 CCNA 4	Chapter 5: ACLs <i>Exam chapter 5</i>	5.5.1	
05/06/09 Wk 13 CCNA 4	Chapter 6: Teleworker Services <i>Exam chapter 6</i>		
05/13/09 Wk 14 CCNA 4	Chapter 4: Network Security <i>Exam chapter 4</i>	4.6.1	Case Study submission
05/20/09 Wk 15 CCNA 4	Chapter 8: Network Troubleshooting <i>Exam chapter 8</i>		All CCNA 4 labs must be submitted on 5/20/09
05/27/09	Final Exam – CCNA 4 (6PM-8PM)		