Computer Science 537– FALL 2009
CISCO Networking Academy Program - Semester 3/4
Routing Systems, Devices and Protocols

Instructor: Hanh Tran
Email: tranhm@yahoo.com  Tel: 818-833-3333
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
2. Accessing the WAN, CCNA Exploration Companion Guide

Ticket 3191
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%
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 additional 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: September 25, 2009 is the last day you can drop the class without a grade of “W”
<table>
<thead>
<tr>
<th>Date</th>
<th>Class Activities</th>
<th>Hand-on Labs</th>
<th>Lab Submission</th>
</tr>
</thead>
</table>
| 09/02/09 Wk 1 CCNA 3 | Chapter 1: LAN Design  
Chapter 2: Basic Switch Concepts/Configuration  
*Exam chapter 1* |              |                              |
| 09/09/09 Wk 2 CCNA 3 | Chapter 2: Basic Switch Concepts/Configuration  
*Exam chapter 2*  
*Case study discussion* |              | 2.5.1                        |
| 09/16/09 Wk 3 CCNA 3 | Chapter 3: VLANs  
Chapter 4: VTP  
*Exam chapter 3* |              | 3.5.1                        |
| 09/23/09 Wk 4 CCNA 3 | Chapter 4: VTP  
Chapter 5: STP  
*Exam chapter 4* |              | 4.4.1                        |
| 09/30/09 Wk 5 CCNA 3 | Chapter 5: STP  
Chapter 6: Inter-VLAN routing  
*Exam chapter 5* |              | 5.5.1                        |
| 10/07/09 Wk 6 CCNA 3 | Chapter 6: Inter-VLAN routing  
Chapter 7: Basic Wireless Concepts/Configuration  
*Exam chapter 6* |              | 6.4.1                        |
| 10/14/09 Wk 7 CCNA 4 | Chapter 7: Basic Wireless Concepts/Configuration  
*Exam chapter 7* |              |                              |
| 10/21/09 Wk 8 CCNA 4 | Chapter 1: Introduction to WANs  
*Exam Chapter 1*  
Final Exam - CCNA 3 (8PM-10PM) | All CCNA 3 labs must be submitted on 10/21/09 |
| 10/28/09 Wk 9 | Chapter 1: Introduction to WANs  
Chapter 2: PPP  
*Exam Chapter 1, 2* |              | 2.5.1                        |
| 11/04/09 Wk 10 CCNA 4 | Chapter 3: Frame Relay  
*Exam chapter 3* | x.x.x          |                              |
| 11/11/09 Wk 11 CCNA 4 | **Veteran’s Day – College closed** |              |                              |
| 11/18/09 Wk 12 CCNA 4 | Chapter 7: IP Addressing Services  
*Exam chapter 7* |              | 7.4.1                        |
| 11/25/09 Wk 13 CCNA 4 | Chapter 5: ACLs  
*Exam chapter 5* |              | 5.5.1                        |
| 12/02/09 Wk 14 CCNA 4 | Chapter 5: ACLs  
Chapter 6: Teleworker Services  
*Exam chapter 6* |              | 4.6.1                        |
| 12/09/09 Wk 15 CCNA 4 | Chapter 4: Network Security  
Chapter 8: Network Troubleshooting  
*Exam chapter 4, 8* | Case Study submission |                              |
| 12/16/09 | **Final Exam – CCNA 4 (6PM-8PM)** | All CCNA 4 labs must be submitted on 12/16/09 |