

CCRI Networking Technology III CSCO-1870-102 Fall 2009

LAN Switching & Wireless

Instructor	Tony Rashid
Telephone	401-825-1140
E-mail	tonyrashid@ccri.edu
Homepage	http://faculty.ccri.edu/tonyrashid/
Office Hours	Room 2182
Class Sections	102, Mondays 6:00PM-9:50PM, starts 9/14, ends 12/21

Instructional Material and Web Sites

1	CCRI Lesson Web Site Internal	10.19.114.9 Exploration 3 Ver. 4.0
2	CCRI Lesson Web Site External	216.19.115.212 Exploration 3 Ver. 4.0
3	Cisco Academy Assessment Web Site	http://cisco.netacad.net/

Grading Policies

Skills:	
Journal-Entries	5%
Labs and Class Participation	10%
Case Study and Presentation	10%
Research Paper	10%
Practical Final	30%
Academic:	
Quizzes	15%
Final	20%

Other Policies

1. The student expected to complete the On-Line lessons outside of class time.
2. All quizzes must be taken in class and will not be available from the student web site
3. Late assignments will be penalized 20 points.
4. Assignments late more than one class period will not be accepted.
5. All assignments must be completed using a word processor.
6. Students are responsible to see the instructor about any work missed due to absence.
7. Students who miss a quiz must take the quiz within two classes of the original quiz date.
8. Students are expected to participate as a member of teams
9. Students must pass both the Skills based portion in addition to the Academic portion of the curriculum to pass the course.
10. Student's final grade can only raise one letter grade above the on-line final exam score based on other class assignments.
11. Students are allowed a **maximum** of three (3) re-takes of chapter quizzes per the semester.
12. All re-takes must be completed **prior** to the final exam, **without exception**.

Networking Technology III Syllabus Fall 2009

LAN Switching & Wireless

Class	Lesson	Exam	Subjects	Labs/Projects
9/14			Setup Academy account, go over syllabus	Lab
9/21	1		LAN Design 1.1 Switched LAN Architecture 1.2 Matching Switches to Specific LAN Functions	Lab 1.3.1 Lab 1.3.2 Lab 1.3.3
9/28	2	1	Basic Switch Concepts and Configuration 2.1 Introduction to Ethernet / 802.3 LANs 2.2 Forwarding Frames using Switches 2.3 Switch management Configuration 2.4 Configuring Switch Security	Lab 2.5.1 Lab 2.5.2 Lab 2.5.3
10/5	3	2	Virtual Local-Area Networks (VLANs) 3.1 Introducing VLANs 3.2 VLAN Trunking 3.3 Configure VLANs and Trunks 3.4 Troubleshoot VLANs and Trunks	Project Assigned, Groups Formed Lab 3.5.1 Lab 3.5.2 Lab 3.5.3
10/12	No classes - Holiday			
10/19	4	3	Virtual Trunking Protocol (VTP) 4.1 VTP Concepts 4.2 VTP Operation 4.3 Configure VTP	Lab 4.4.1 Lab 4.4.2 Lab 4.4.3
10/26 11/2	5	4	Spanning-Tree Protocol (STP) 5.1 Redundant layer 2 Topologies 5.2 Introduction to STP 5.3 STP Convergence 5.4 PVST+, RSTP and Rapid PVST+	Lab 6.4.1 Lab 6.4.2 Lab 6.4.3
11/9	6	5	Inter - VLAN Routing 6.1 Inter - VLAN Routing 6.2 Configuring Inter - VLAN Routing 6.3 Troubleshooting Inter - VLAN Routing	Lab 7.5.1 Lab 7.5.2 Lab 7.5.3
11/16	7	6	Basic Wireless Concepts and Configuration 7.1 The Wireless LAN 7.2 Wireless LAN Security 7.3 Configure Wireless LAN Access 7.4 Troubleshooting Simple WLAN Problems	Open lab
11/23		7	Project Presentations	Open lab
11/30				Open Lab
12/7			Final Skills Assessment	
12/14			Final Skills Assessment	
12/21			Final Exam	