

CCRI Networking Technology IV

CSCO-1880-110

Instructors Tony Rashid
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Office Hours [Room 2182](#) Mondays, Tuesday, Wednesday and Thursday 4:00 - 5:00 P.M
Class Sections Section 110, Fridays 6:00-9:50 PM. Start date: Jan 26; End date: May 10

Instructional Material and Web Sites

- 1 CCRI Lesson Web Site-Primary <http://216.19.115.212> CCNA Exploration 4
- 2 CCRI Lesson Web Site-Secondary <http://10.19.114.9> CCNA Exploration 4
- 3 Cisco Academy Assessment Web Site <http://cisco.netacad.net/>
- 4 Others <http://faculty.ccri.edu/tonyrashid/ccna.htm>
- 5 Text Books
 - CCNA Exploration 4 Companion Guide, Cisco Systems, Cisco Press (*Optional*)

Grading Policies

Skills:

Journal-Entries	5%
Labs and Class Participation	10%
Project and Presentation	20%
Practical Final	20%

Academic:

Quizzes	15%
Final	30%

Other Policies

1. The student is expected to complete the On-Line lessons outside of class time.
2. Late assignments will be penalized 20 points.
3. Assignments late more than one class period will not be accepted.
4. All assignments must be completed using a word processor.
5. Students are responsible to see the instructor about any work missed due to absence.
6. Students are expected to participate as a member of teams
7. The instructor reserves the right to raise or lower final grade due to attendance, class participation, attitude, and other subjective values.
8. Students must pass both the Skills based portion in addition to the Academic portion of the curriculum to pass the course.
9. Students final grade can be raised only one letter grade above the on-line final exam score based on other class assignments.
10. All "E" Labs must be completed outside of class

Networking Technology IV WAN Design and Management

Week	Lesson	Exam	Subjects	Lab Projects
Week 1 Jan 25	1		Services in a Converged WAN	Lab 1.4.1: Challenge Review
Week 2 Feb 1	2	1	Point-to-Point (PPP) Protocol	
Week 3 Feb 8				2.5.1: Basic PPP Configuration 2.5.2: Challenge PPP Configuration 2.5.3: Troubleshooting PPP Configuration
Week 4 Feb 15	3	2	Frame Relay	Project assigned
Week 5 Feb 22				3.5.1: Basic Frame Relay 3.5.2: Challenge Frame Relay Configuration 3.5.3: Troubleshooting Frame Relay
Week 6 Feb 29	4	3	Enterprise Network Security	4.6.1: Basic Security Configuration 4.6.2: Challenge Security Configuration 4.6.3: Troubleshooting Security Configuration
Week 7 Mar 7	5	4	Access Control Lists	5.5.1: Basic Access Control Lists 5.5.2: Access Control Lists Challenge 5.5.3: Troubleshooting ACLs
Mar 10- 16			Spring Break	Spring Break
Week 8 Mar 21	6	5	Providing Tele-worker Services	
Week 9 Mar 28	7	6	Implementing IP Addressing Services	7.4.1: Basic DHCP and NAT Configuration 7.4.2: Challenge DHCP and NAT Configuration 7.4.3: Troubleshooting DHCP and NAT
Week 10 Apr 4	8	7	Network Troubleshooting	8.5.1: Troubleshooting Enterprise Networks 1 8.5.2: Troubleshooting Enterprise Networks 2 8.5.3: Troubleshooting Enterprise Networks 3
Week 11 Apr 11		8	Project	Open lab
Week 12 Apr 18				Project Presentations
Week 13 Apr 25			Practice for skills	Open lab
Week 14 May 2			Two Hours Network Setup	Final Skills Lab
Week 15 May 9			Final Exam / CCNA Review	