

Instructor Tony Rashid
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Office Hours Room [2182](#)
Class Sections 104, Tuesdays & Thursdays 6:00PM-9:50PM. Start date 10/3, end date 12/22

Instructional Material and Web Sites

- 1 CCRI Lesson Web Site Internal 10.19.114.9 Exploration 2 Ver. 4.0
- 2 CCRI Lesson Web Site External 216.19.115.212 Exploration 2 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	25%

Academic:

Quizzes	15%
Final	25%

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 II Syllabus Fall 2009

Class	Lesson	Exam	Subjects	Labs
Nov 3	1		Introduction to Routing and Packet Forwarding: 1.1 Inside the Router 1.2 CLI Configuration and Addressing 1.3 Building a Routing Table 1.4 Path Determination and Switching Functions	Lab 1.5.1, Lab 1.5.2 Lab 1.5.3
Nov 5	2	1	Static Routing: 2.1 Routers and Network 2.2 Router Configuration Overview 2.3 Exploring Directly Connected Networks 2.4 Static Routes with "Next Hop" Addresses 2.5 Static Routes with Exit Interfaces 2.6 Summary and Default Routes 2.7 Managing and Troubleshooting Static Routes	Lab 2.8.1, Lab 2.8.2 Lab 2.8.4
Nov 10	3	2	Introduction to Dynamic Routing protocols 3.1 Introduction and Advantages 3.2 Classifying Dynamic Routing Protocols 3.3 Metrics 3.4 Administrative Distances 3.5 Routing Protocols and Subnetting Activities	Lab 3.5.1, Lab 3.5.2 Lab 3.5.3, Lab 3.5.4
Nov 12	4	3	Distance Vector Routing Protocols: 4.1 Introduction to Distance Vector Routing protocols 4.2 Network Discovery 4.3 Routing Table Maintenance 4.4 Routing Loops 4.5 Distance Vector Routing protocols today	Lab 4.6.1
Nov 17	5	4	RIP Version 1: 5.1 RIPv1: Distance Vector, Classful Routing Protocol 5.2 Basic RIPv1 Configuration 5.3 Verification and Troubleshooting 5.4 Automatic Summarization 5.5 Default Route and RIPv1	Lab 5.6.1, Lab 5.6.2 Lab 5.6.3 Case Study, Groups Formed
Nov 19	6	5	VLSM and CIDR: 6.1 Classful and Classless Addressing 6.2 VLSM 6.3 CIDR	Lab 6.4.1, Lab 6.4.2, Lab 6.4.3, Lab 6.4.4, Lab 6.4.5, Lab 6.4.6
Nov 24	7	6	RIPv2: 7.1 RIPv1 Limitations 7.2 Configuring RIPv2 7.3 VLSM and CIDR 7.4 Verifying and Troubleshooting RIPv2	Lab 7.5.1, Lab 7.5.2 Lab 7.5.3
Nov 26	Holiday		Thanksgiving	
Dec 1	8	7	The Routing Table: A Closer Look: 8.1 The Routing Table Structure 8.2 Routing Table Lookup Process 8.3 Routing Behavior	Lab 8.4.1, Lab 8.4.2

Class	Lesson	Exam	Subjects	Labs
Dec 3	9	8	EIGRP: 9.1 Introduction to EIGRP 9.2 basic EIGRP Configuration 9.3 EIGRP Metric Calculation 9.4 DUEL 9.5 More EIGRP Configurations	Lab 9.6.1, Lab 9.6.2 Lab 9.6.3
Dec 8	10	9	Link-State Routing Protocols: 10.1 Link-State Routing 10.2 Implementing Link-State Routing Protocols	
Dec 10	11	10	OSPF: 11.1 Introduction to OSPF 11.2 Basic OSPF Configuration 11.3 The OSPF Metric 11.4 OSPF and Multiaccess Network 11.5 More OSPF Configuration	Lab 11.6.1, Lab 11.6.2 Lab 11.6.3
Dec 15		11	Case Study Presentations - Open lab	
Dec 17			Practical Final, Final Exam, Journals Due	
Dec 22			Practical Final, Final Exam, Journals Due	