

CLASS NUMBER AND NAME:	CS250B—Introduction to Routers II
TOTAL HOURS/UNITS:	25 Hours/2.5 Units
PREREQUISITES:	Completion or concurrent enrollment in CS250A – Introduction to Routers I.
TEXTS AND MATERIALS:	<i>Internetworking with Cisco and Microsoft Technologies</i> Anthony Chiarella, Thompson Learning, 2004
CLASS DESCRIPTION:	This course introduces the students to routers and internetworking.
CLASS OBJECTIVES:	To provide the student with detailed information on configuring, installing, and maintaining routers and discussions on multiprotocol support.
CLASS FORMAT OVERVIEW:	This class is a combination of lecture and lab.
METHODS OF INSTRUCTION:	As lecture and lab are the principal means of instruction, it will be expected that all students will be present every day to take part in class. Students are required to read and complete chapter review questions prior to lectures. Upon completion of lectures, the homework will be reviewed and discussed in class.
CLASS ATTENDANCE:	As lecture and lab are the principal means of instruction, it will be expected that all students will be present every day to take part in class.
TESTING:	Weekly tests will be given each Friday for the first four weeks of the module, with a module final exam on the last Thursday of the module.
LATE TESTING:	If a student is absent on the day of a test, he or she will be able to makeup the test on the first day he or she returns.
GRADING POLICIES:	The grading system is comprised of attendance, assignments, weekly tests, and an end-of-module final and will be graded on the following scale:

Attendance, participation, professional attitude	10%
Homework	30%
Weekly exams and quizzes	30%
End-of-module final	30%

	100%

Combined grades from attendance, assignments, weekly tests and end-of-module final will be graded on the following scale:

90—100%	=	A
80—89%	=	B
70—79%	=	C
60—69%	=	D
Below 60%	=	F

ANTICIPATED LEARNING OUTCOMES:

Upon completing this course, the student will have knowledge of:

1. Setting up routers.
2. System implementation.
3. Protocol basics.
4. Performance troubleshooting.
5. Network management.
6. Security.

A student will have achieved a passing grade by earning a D or better.

Course: Intro to routers
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Intro to Routers A

CS250B

Week 1

Chapters 10

Thursday - Homework questions at the end of the chapter due

Friday – test

Week 2

Chapters 11

Thursday - Homework questions at the end of the chapter due

Friday – test

Week 3

Chapter 12

Thursday - Homework questions at the end of the chapter due

Friday – test

Week 4

Chapter 15, 17

Thursday - Homework questions at the end of the chapter due

Friday – test

Week 5

Chapter 18

Thursday – Final Exam