

CLASS NUMBER AND NAME:	<b>CSN250B—Introduction to Routers II</b>
TOTAL HOURS/UNITS:	24 Hours/2.0 Units
PREREQUISITES:	CSN250A – Introduction to Routers I.
TEXTS AND MATERIALS:	<i>CCENT Study Guide</i> Todd Lammle, John Wiley and Sons, 2016 (ISBN 9781119288787)
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.  Time spent in preparation for or reflection on course lecture will approximate two hours outside of class for each lecture credit hour utilized by the instructor in delivery of the material and ¼ hour outside of class for each hour of structured lab time.
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.
CLASS ATTENDANCE:	It is expected that each student will be in class <u>when class begins</u> . Should the student arrive more than <u>ten minutes late</u> they should notify the instructor of their presence, it will be up to the instructor to decide if the student has arrived in time to be counted as present- the instructor's decision is final.  <b><u>80% attendance is mandatory</u></b>  It will be the student's responsibility to learn of any assignments given in class when absent. .
TESTING:	Weekly tests will be given each week with a module final exam on the last week of the module.
LATE TESTING:	<b><u>Late testing is only allowed at the instructor's discretion.</u></b>

**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%
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	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.

## **6 Week Tentative Schedule**

### **CSN250B**

#### **Week 1**

Chapter 6  
Troubleshooting

#### **Week 2**

Chapter 6  
Troubleshooting  
Homework and test

#### **Week 3**

Chapter 7  
IGRP  
Homework and test

#### **Week 4**

Chapter 8  
Static Routing  
Homework and test

#### **Week 5**

Chapter 12  
Access-lists  
Homework and test

#### **Week 6**

Chapter 12  
Access-lists  
Homework and Final exam

