

VALENCIA COLLEGE

Division of Engineering, Computer Programming, and Technology
Department of Network Engineering Technology
West Campus Building 9, Room 140 (407) 582-1902
<http://valenciacollege.edu/west/engineering/>

Course Title & credit hours: CET 1610C Cisco Router Technology; 3 credit hours

Catalog Course Description: Prerequisites: CET 2178C and CET 2486C. This course is designed to prepare students to apply and understand the basics of networking hardware. This course covers the beginning router configurations, routed and routing protocols, and an introduction to LAN switching. This is the second of a three-part series (Introduction to Networks v7, Switching, Routing, and Wireless Essentials v7, and Enterprise Networking, Security, and Automation v7) designed to prepare students for the Cisco Certified Networking Associate exam. (Special Fee: \$56.00)

Class Time and Location: TBA

Textbook: You'll have free access to the online curriculum including the textbook (Switching, Routing, and Wireless Essentials v7).

Lab manual: free online access

Professor's Information:

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Office Hours: TBA

CCNA Certification Exam

<https://learningnetwork.cisco.com/community/certifications>

Cisco Academy Web Site

<https://cisco.netacad.com/>

Lab Procedures

Will be done in lab 11-264 during class time, and cannot be made-up. If the student is absent on the day of the lab assignment he/she will not receive credit for that lab.

Module Group Exams

Will be taken at home. Each exam will be activated for a certain window. When a module exam is started, it must be completed. Incomplete exams will count as a ZERO. Please make sure that you take the module exam within the specified window. **Expired module exams will not be reactivated.**

Homework Assignments

To get the full credit, you must submit your homework before the due date. I will accept late assignments up to 3 days past due date, however I'll deduct 20% from the grade.

You are strongly encouraged to start on your homework as early as possible to accommodate unforeseen circumstances such as computer problems, Internet problems, or power outages. If any of those problems persists, please use the on-campus NET laboratory to complete and submit your assignments.

Grading System

Homework -----	35%
Module Group Exams -----	10%
Labs & attendance -----	5%
Midterm Exam -----	20%
Hands-on Skills Exam (must pass with 60% or higher)-----	20%
Final Exam -----	10%

A(90-100), B(80-89), C(70-79), D(60-69), F(Less than 60)

Disclaimer:

Course content, labs, and assignments are subject to change at any time at the instructor's discretion. The following is a tentative schedule:

WEEK	Module	DESCRIPTIONS	Homework and Module exams are due by 11:30 pm on Tuesdays
TBA	TBA	TBA	TBA