CASPER COLLEGE COURSE SYLLABUS

CSCO 2010-01: Beginning Internetworking

Semester/Year: Spring, 2016

Lecture Hours: 4          Lab Hours: 0          Credit Hours: 4

Class Time: 7:00 pm – 8:45 pm  Days: M, W          Room: GW: 207

Instructor’s Name: Kevin J. McDermott

Instructor's Contact Information: Office: PS 212  Office Phone: 268-2704  Email: kmcdermott@caspercollege.edu

Office Hours: Monday: 9:00 am – 10:00 am, 12:00 pm to 12:30 pm & 5:00 pm – 5:30 pm
Tuesday: 9:00 am – 10:00 am & 12:00 pm to 12:30 pm
Wednesday: 9:00 am – 10:00 am, 12:00 pm to 12:30 pm & 5:00 pm – 5:30 pm
Thursday: 9:00 am – 10:00 am
Friday: 9:00 am – 12:00 pm by appointment only

Course Description: This course is the second semester of a four semester CCNA (Cisco Certified Network Associate) certification based training program. This class focuses on router configuration and applying the networking principles outlined in CSCO 2000 to real world situations. Specific topics include router components and features, Intermediate IP addressing, routing protocols, router modes and functions, access control lists, and network design.

Statement of Prerequisites: CSCO 2000, or permission of instructor

Goal: With appropriate study and preparation students will be able to explain the hardware components of a Cisco router, complete intermediate network addressing schemes, and apply these addressing schemes using basic router configuration commands.

Outcomes: Students should be able to:

1. Describe the role of routing and switching in internetworking.
2. Define the role and specific characteristics of the most common interior gateway routing protocols.
3. Create and implement a basic router configuration.
4. Examine router and switch configuration and execute basic troubleshooting procedures.
5. Design and implement an effective and efficient IP addressing scheme using VLSM and CIDR.
6. Explain the concept of VLANs, including the basic configuration.

Methodology: This course employs a combination of lectures, demonstrations, discussions and hands-on labs. You are expected to thoroughly read the corresponding chapter in the text before the lectures. Quizzes and tests are comprehensive and include multiple question formats. Make-up tests may be permitted with prior arrangement with the instructor but may be denied at the discretion of the instructor for such things as poor homework or attendance record.
My best suggestions for succeeding in this class are:

1. Attend class.
2. Read the chapter BEFORE class
3. Complete the homework.
4. Ask questions

Evaluation Criteria: Your final grade in the course will be based on the following:
Homework – 15%, Quizzes (best 4 of 5) – 20%, Lab Participation – 10%, 2 Midterm Exams – 30% (15% each), Final Exam – 25%.

A: 90% - 100%
B: 80% - 89%
C: 70% - 79%
D: 60% - 69%
F: less 60%

Please let me know ahead of time if you are unable to make it to class for an exam. These need to be made up before the test date or at the latest before the next class period.


Last Date to Change to Audit Status or to Withdraw with a W Grade: The last date to withdraw or switch to audit is Thursday, April, 14, 2016.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head – Roberta Marvel, the Dean – Lesley Travers, and lastly the Vice President for Academic Affairs – Shawn Powell.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college’s Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu.
The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

**Tentative Schedule:**

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