

CASPER COLLEGE COURSE SYLLABUS
CMAP 1615: Operating Systems

Semester/Year: Fall, 2015

Lecture Hours: 3

Lab Hours: 0

Credit Hours: 3

Class Time: 6:00 pm – 8:40 pm **Days:** T

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: 12:00 pm – 1:00 pm & 5:00 pm – 5:30 pm
Tuesday: 12:00 pm – 1:00 am & 5:00 pm – 6:00 pm
Wednesday: 12:00 pm – 1:00 pm & 5:00 pm – 5:30 pm
Thursday: 12:00 pm – 1:00 pm
Friday: 10:00 am – 12:00 pm by appointment only

Course Description: This course is an introductory course on the basics of computer operating systems including file systems, configuration, inter-process communication, security, administration, interfacing, multitasking, and performance analysis. The effect of additional technologies such as multi-core processing, wireless technologies, PDA and telephone operating systems are also explored. Specific information related to Linux, Windows, and UNIX operating systems will be examined at the end of the semester.

Statement of Prerequisites: CMAP 1610.

Goal: This class is going to be an eye opener for many, and yet, we'll only be scratching the surface of what really goes on inside your computer! Many users think it "just works." In this class, you will learn the whys and wherefores of an operating system, and just what makes a computer behave the way it does.

Outcomes:

1. Solve problems using critical thinking and creativity
2. Demonstrate knowledge of various operating systems
3. Use appropriate technology and information to know the difference in types of operating systems
4. Describe the value of why this knowledge will help the student in the field

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%, 2 Midterm Exams – 40% (20% 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.

Required Text, Readings, and Materials: Understanding Operating Systems (7th Ed.), by McGiver-McHoes and Flynn.

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, November, 12, 2015.

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 – Robbie Marvel, the Dean – Leslie Travers, and lastly the Vice President for Academic Affairs – Sean 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:

Week 1	Chapters 1 & 2
Week 2	Chapters 2 & 3
Week 3	Chapters 4 & 5
Week 4	Chapter 6; Exam Review #1
Week 5	Exam #1; Chapter 7
Week 6	Chapters 7 & 8
Week 7	Chapters 8 & 9
Week 8	Chapter 10
Week 9	Chapters 11 & 12
Week 10	Chapter 12
Week 11	Exam Review #2
Week 12	Exam #2; Chapters 13
Week 13	Chapters 14 & 15
Week 14	Chapters 15 & 16
Week 15	Review for Final Exam
Week 16	Final Exam