Math C151-Section 50  
First Semester Calculus

Instructor: Dean Bernsten  
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Course Time: TR 6:45 PM to 9:16 PM  
Classroom: 2EW 202  
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Office Hours: TR 1:00 PM to 4:00 PM  
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Course Objectives  
As per the Cerro Coso Community College Associate Degree Course Outline, dated March 2002, upon successful completion of this course, the student will be able to:

A. Differentiate and integrate rational functions and trigonometric functions.  
B. Apply the derivative in solving related rates problems.  
C. Apply the derivative in solving maximum/minimum problems.  
D. Apply the integral in solving area under the curve problems.  
E. Apply the integral in solving for the volume of a body of revolution.  
F. Apply the integral in finding the center of mass in one and two dimensions.  
G. Apply the derivative or integral in solving distance, velocity, and acceleration problems.  
H. Solve first order differential equations with initial conditions.

Required Text  
Thomas' Calculus, Update plus MyMathLab Student Starter Kit, 10/E  

Exams  
I administer four midterm exams and one comprehensive final exam. I require that the final exam be taken.  

Midterm 1: September 16  
Midterm 2: October 7  
Midterm 3: October 28  
Midterm 4: November 18  
Final Exam: Tuesday, December 14, 6:00 PM to 8:00 PM.

Each midterm is worth 15% of your grade. I drop your lowest midterm score. The final exam is worth 25% of your grade. Hence, three midterms and one final comprise 70% of your course grade.

Quizzes  
I administer nine quizzes as described by the Approximate Schedule of Events. Each quiz consists of five problems taken directly from the Recommended Homework Exercises found in the text. The nine quizzes comprise 20% of your course grade.
Homework
This course is HOMEWORK INTENSIVE! It covers thirty-five of the first thirty-nine sections of the text, and there will be a homework assignment for each of these sections. Each homework assignment consists of a graded portion, which is submitted by way of the Internet, through the Course Compass Website – and an ungraded portion that consists of recommended text exercises. You are not required to submit these recommended exercises, but are strongly advised to do them. Homework assignments comprise 10% of your course grade. I provide instructions on how to access and navigate the Course Compass website. Also, instructions are included in MathXL Student Access Card.

I accept no hand-written homework assignments. If you are unwilling to abide by this rule, then I strongly advise you to withdraw from this class now!

Course Grading
I determine your course grade based on exam, quiz, and homework performances. There are 1000 total points possible in this course. Since exams comprise 70% of the course grade, there are 700 exam points possible. Also, there are 200 possible quiz points, and 100 possible homework points.

100 – 90% = A; 89 – 80% = B; 79 – 70% = C; 69 – 60 = D; F ≤ 59

Classroom Policies and Realities
1. I take roll for the first two weeks of this course.
2. I drop students who have not attended class by September 9, 2004.
3. I add nobody to this class after September 9, 2004.
4. Please make sure that your cell phones are turned off before you enter this class!
5. If you don’t have a solid work ethic, then DROP THIS CLASS!
6. If you don’t have enough time to study, then DROP THIS CLASS!
7. Unless otherwise stated, you may NOT USE calculators for any of the quizzes or exams.
8. Unless otherwise stated, all exams and quizzes are closed book and closed notes.

I observe the following policies if you miss an exam or quiz due to a funeral, emergency, or illness.

a) Funeral: You must provide me with an official copy of the death certificate.
b) Emergency: You must provide me with official emergency personnel documentation.
c) Illness: You must provide me with a doctor’s excuse on letterhead stationary.

If on the day you wish to make up the exam or quiz this documentation is not forthcoming, you get a zero.

If, for some non-emergency or non-illness reason you wish to take an exam or quiz at some time other than the day it is scheduled, then you will be allowed to take it early, in either the LAC or LRC, with a proctor present. Making proctor arrangements is your responsibility.
9. I grade all people in this class using the aforementioned criteria. I make no exceptions, no matter how compelling the circumstances.

Course Website: www.coursecompass.com
Course ID: bernsten20197