

Math 122, Sections 011 and 013, Fall 2010

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Office: LeConte 307

Office Hours: MW 3:00PM-4:00PM, Thurs 10:00AM-11:00AM, and by appointment

Webpage: TBA

Sec. #	Time	Room	WileyPLUS URL
011	MWF 12:20PM-1:10PM	MM 214	http://edugen.wiley.com/edugen/class/cls189296/
013	MWF 1:25PM-2:15PM	WMBB 125	http://edugen.wiley.com/edugen/class/cls189298/

Welcome: Welcome to sections 011 and 013 of Math 122: Calculus for Business Administration and Social Sciences. Mathematics can be a difficult subject to learn; the good news is that you don't have to (and should not) go it alone. I am more than happy to answer your questions during office hours and via email. If you are unable to attend office hours, please feel free to email me to schedule an appointment. Additionally, the math department maintains a list of other sources of help, including free group tutoring and paid private tutoring; updated information should be available at <http://www.math.sc.edu/mathlab.html> shortly.

Learning Outcomes: Students will master concepts involving elementary algebraic, exponential, and logarithmic functions. Students will use the integral and derivative to find maxima, minima, rates of change, motion, area under a curve, and volumes.

Prerequisites: Qualification through placement or a grade of C or better in Math 111 or Math 115.

Textbook and WileyPLUS Registration: *Applied Calculus*, Fourth Edition, by Hughes-Hallett, Gleason, Lock, Flath, *et al.* WileyPLUS registration is required. Registration codes can be purchased online or with a physical copy of the text at a significantly reduced rate. WileyPLUS registration gives you access to an electronic copy of the course text. You may purchase WileyPLUS registration without a physical copy of the text if you prefer. **Important:** Please register for WileyPLUS using the correct URL for your section (see table above) and use your University of South Carolina email address.

Calculator: A graphing calculator is required. The TI-83 or TI-84 is highly recommended. Calculators with computer algebra systems (such as the TI-89) are not permitted during exams.

Homework and Quizzes: Homework and Quizzes will be assigned approximately weekly at the WileyPLUS website. On homework assignments, you may retry questions as many times as you would like until the deadline. You may work with other students to solve homework problems. Homeworks constitute 10% of your course average. Quizzes are designed to prepare you for the tests. On quizzes, you will generally have a limited number of attempts to answer questions correctly. You must work on quizzes individually. Quizzes constitute 10% of your course average.

Tests: There will be three tests in class on the following dates: Wednesday, September 22; Monday, October 18; and Friday, November 19. Each test covers roughly 1/3 of the course material and constitutes 18% of your course average.

Final Exam: Section 011 will have a final exam on Friday, December 10, 9:00AM-12:00 noon. Section 013 will have a final exam on Saturday, December 11, 2:00PM-5:00PM. The final exam is cumulative and constitutes 26% of your course average.

Grading Summary:

Homework	10%
Quizzes	10%
Tests	$18\% \cdot 3 = 54\%$
Final Exam	26%
Total	100%

Course averages are converted to letter grades according to the following scale:

A: 90–100	B+: 85-89.9	B: 80-84.9	C+: 75-79.9
C: 70-74.9	D+: 65-69.9	D: 60-64.9	F: 0-59.9

The instructor reserves the right to lower these thresholds.

Late Work and Make-up Policy: Late homeworks or quizzes will not be accepted. To compensate for this strict policy, your 2 lowest homework grades and your 2 lowest quiz grades will be dropped. Students with valid reasons (such as extended illness) for missing more than 2 homeworks or quizzes should contact the instructor as soon as possible, and appropriate arrangements will be made on a case by case basis.

No make-up tests will be offered. Students missing one test due to an unexcused absence will earn a score of $2/3$ of the score on the corresponding part on the final exam. Students missing additional tests due to unexcused absences will receive scores of zero. In rare cases, a student may be excused from a test. Contact the instructor as soon as you are aware of your need to be excused. The instructor will generally need thorough documentation to excuse you from a test. When a student misses a test due to an excused absence, the student will earn a score equal to their score on the corresponding part of the final exam.

Withdrawal: Students wishing to withdraw should do so by Thursday, October 7. Withdrawal after this date will result in an assigned grade of “WF”.

Attendance: Classes are an important component of the course and attendance is expected. Most test questions will be similar to those on homeworks and quizzes, but some questions will be based on material presented in class. Missing more than 10% of the classes may result in a reduction of 10% from your course average.

Academic Integrity: You are expected to practice the highest possible standards of academic integrity. Any deviation from this expectation will result in a minimum academic penalty of a score of zero on the assignment in question, and will result in additional disciplinary measures. For more information, see <http://www.sc.edu/academicintegrity/>.

A Word of Advice: It is very easy to trick yourself into thinking that you understand a concept in math when you really don't. I see it happen to students every semester. As the semester gets busy, you may find yourself tempted to merely glance over the assigned homework problems and argue that because you've understood the corresponding material in class, you don't really need to work the homework problems. Don't let this happen to you! Following along as someone else works a problem and actually doing it yourself under pressure, with a blank piece of paper in front of you, are two very different things.