

MA122—Spring 2013

Instructor

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Meeting Times

Lectures:	Section 007	
	MWF 12:20 PM – 1:10 PM	LeConte 113
	Section 008	
	MW 2:30 PM – 3:45 PM	Gambrell 152
Office Hours:	T 3:00 PM — 6:00 PM	
	F 2:00 PM – 5:00 PM	LeConte 307

Important deadlines you need to know

The semester begins Monday, January 14th, and ends Monday, April 29th.

The deadline to drop/add and the last day to change credit/audit is Friday, January 18th. The first day in which a "W" grade is assigned is therefore Saturday, January 19th.

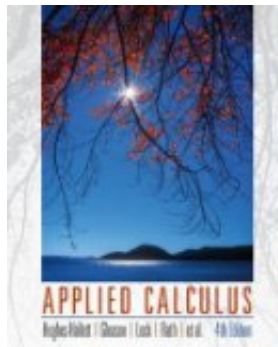
The last day to obtain a "W" grade or to elect a pass/fail grade is Monday, March 4th. The first day in which a "WF" grade is assigned is therefore Tuesday, March 5th.

Prerequisites

Placement code MB4–9 required. This may be earned by a grade of C or better in MATH 111/111I, or by an [algebra placement test](#).

Text

Applied Calculus by Hughes–Hallett, Gleason, Lock, Flath et al. **Wiley** 2009 (fourth edition)



[Applied Calculus](#)

Calculator

A graphic calculator is required for this course. Either the TI-83 or TI-84 is preferred, and as a matter of fact, highly recommended. A TI-89 or a similar calculator with a computer algebra system is not allowed on examinations and quizzes.



[Texas Instruments TI-83 Plus Graphing Calculator](#)



[Texas Instruments TI-84 Plus Graphing Calculator](#)

Course Structure and Grading Policies

Your final score for the course will be computed as follows:

- **Homework:** 15% of the course grade. Homework problems will be assigned at the end of each lecture. We will be using [WileyPLUS](#) in the course, and the homework will be assigned and completed online. In order to register for WileyPLUS, you need to have a registration code, which should be included with your textbook. If you do not have a registration code, you will need to either return your book and purchase a package that includes a registration code, or you may purchase a registration code separately online at wileyplus.com

The Registration code includes access to the entire contents of the textbook online, so you may opt to purchase only the registration code and then use the online transcription of the textbook to study. In order to sign up for your section of the course on WileyPLUS, visit

Section 007: edugen.wileyplus.com/edugen/class/cls311007

Section 008: edugen.wileyplus.com/edugen/class/cls311008

There you will be able to enter the registration code from your textbook and enroll in our section of the course online. Once you have successfully enrolled, use wileyplus.com to login to your account and complete homework assignments.

- **Quizzes:** 15% of the course grade. A quiz will be given daily through wileyplus.com, except the day before a midterm, or the last week of classes.
- **Midterms:** each test counts 15%, for a total of 45% of the course grade. There will be three in-class midterm exams tentatively scheduled as follows:

Test # Date

- 1 Wed, Feb 06
- 2 Mon, Mar 04
- 3 Wed, Apr 03

No make-up tests will be given. Only medical, death in the family, religious or official USC business reasons are valid excuses for missing a test and must be verified by letter from a doctor, guardian or supervisor to the instructor.

- **Final exam:** 25% of the course grade. The dates for the final exam are as follows:

Section 007: Thursday, May 2nd, at 12:30 PM.

Section 008: Saturday, May 4th, at 12:30 PM.

The course grade will be determined as follows:

GRADE RANGE

- | | |
|----|-----------|
| A | 90%–100% |
| B+ | 85%–89% |
| B | 80%–84% |
| C+ | 75%–79% |
| C | 70%–74% |
| D+ | 65%–69% |
| D | 60%–64% |
| F | below 60% |

ATTENDANCE POLICY: Attendance is mandatory. Penalties to your final grade apply as follows:

- Students missing four sessions without a valid excuse will have a penalty of 5 points in their final grade (this is equivalent to a half-letter penalty, e.g. from C to D+).
- Students missing six sessions without a valid excuse will have a penalty of 10 points in their final grade (this is equivalent to a full-letter penalty, e.g. from B to C)
- Students missing eight sessions or more without a valid excuse will have a penalty of 15 points in their final grade (this is equivalent to a letter-and-a-half penalty, e.g. from A to C+)

Further Information

Some useful information:

- Some material will be stored in Dropbox. In that case, you will need an account to retrieve it. If you do not have one already, sign-in through [\[this link\]](#) with your academic e-mail address to receive a base 4GB storage, plus an extra 500MB, free of charge.
- Remember to change your e-mail address on Blackboard if necessary [\[blackboard.sc.edu\]](#)
- **ADA:** If you have special needs as addressed by the *Americans with Dissabilities Act* and need any assistance, please notify the instructor immediately.
- The Math Tutoring Center is a free tutoring service for MATH 111, 115, 122, 141, 142, 170, 221, 222, and 241. The center also maintains a list of private tutors for math and statistics. The center is located in LeConte, room 105, and the schedule is available at the Department of Mathematics website (www.math.sc.edu). No appointment is necessary.
- The **Student Success Center** and one of four **Academic Centers for Excellence (ACE)** are on the mezzanine level of the Thomas Cooper Library and can be reached by phone at (803) 777-0684 or by going online at www.sc.edu/academicsuccess. Other ACE locations around campus make access to these resources easy (Sims Hall, Bates House, Columbia Hall). The centers are at the crossroads of services and information about many special resources for students, including advice on developing successful study habits, time management, and effective learning strategies as well as availability of tutoring.
- The [Supplemental Instructors](#) for this course are [Matthew Minor](#) (Section 007) and [Claire Thompson](#) (Section 008). You can find their schedule online at www.sa.sc.edu/supplementalinstruction/. You can contact the Student Success Center at (803) 777-0684 if you have questions about the SI session schedule.

Learning Outcomes

A student who successfully completes Applied Calculus (MATH 122) will master concepts based on derivatives and integrals of elementary algebraic, exponential and logarithmic functions. Students will be able to solve applications involving maxima, minima, rates of change, motion, work, area under a curve, and volume.

Lesson plan, HW Assignments, Quizzes, Exams

- [Section 007](#)
- [Section 008](#)