

Math 211 - Calculus

Lecture 001: TuTh 09:30 - 10:45 AM, Room: Van Vleck Hall, B130

Section 302: MW 08:50 - 09:40 AM, Room: Van Vleck Hall, B337

Section 303: MW 09:55 - 10:45 AM, Room: Van Vleck Hall, B329

Instructor: Zev Klagsbrun, 313 Van Vleck Hall, Phone: 263-4698

Teaching Assistant (TA): Xianghong Chen, 822 Van Vleck Hall, Phone: 262-0537

Class Website: <http://www.math.wisc.edu/~klagsbru/211.html>

Discussion Website: <http://www.math.wisc.edu/~xchen/current.html>

Office Hours:

Instructor: W 12:00-1:00, R 11:00-12:00 PM, or by appointment.

TA: W 10:50-11:50 AM, F 3-4 PM, or by appointment.

Textbook: Calculus for Business, Economics, and the Social and Life Sciences (Brief Edition), Tenth Edition by Hoffman and Bradley. (ISBN: 0077292731)

Course Objectives: Math 211 is an introductory calculus course designed for students who are not majoring in the physical sciences. As such, we will cover the material at a slower pace and focus less on mathematical proofs than the department's other calculus classes. The main topics covered in this course are the fundamentals of calculus: limits, continuous functions, differentiation, and integration. We will also take the time to discuss various applications of these techniques to business and economics as well as briefly examine more advanced topics such as differential equations. By the end of this course, students are expected to be able to solve both standard calculus exercises as well as applied problems (i.e. word problems).

Course Format: This course consists of both lectures and discussion sections, the former of which are taught by the instructor and the latter which are led by the TAs. New material will be covered during lectures and the discussion sections will focus on solving problems. Students are expected to attend both lectures and discussion sections and are responsible for all material covered in each.

Exams: There will be two evening midterm exams and a final.

- First Exam: Monday February 27, 7:15 - 9:15 PM
Makeup Exam Tuesday February 28, 7:15 - 9:15 PM
- Second Exam: Wednesday March 28, 7:15 - 9:15 PM
Makeup Exam Thursday March 29, 7:15 - 9:15 PM
- Final Exam: Friday May 18. 7:25 - 9:25 PM

Students will only be allowed to take the makeup exam if they have a university authorized justification for missing the primary exam date, such as a course or exam conflict. Students are REQUIRED to notify their TA of such a conflict at least one week prior to the exam date. Students who will not be able to attend both the primary and makeup exams for either of the two midterms MUST speak with the instructor within the first two weeks of class so that alternate arrangements can be made.

Grading:

- Discussion: 20% (Homework: 10% + Quizzes: 10%)
- First Exam: 20%
- Second Exam: 20%
- Final Exam: 40%

Homework: Homework problems from the textbook will be assigned every Wednesday during your discussion section and will be due the following Wednesday at the beginning of your discussion section. The homework problems will also be posted on the course website. Questions regarding the homework should be directed towards your TA.

Quizzes: Quiz will be given every Wednesday. The quizzes will be short (15 - 20 minutes) and focus on material covered within the last few lectures. The quizzes will be graded and returned by the following Monday.

Discussion Section: The purpose of the discussion sections is to make sure that you understand the material covered during lecture. The discussion sections will be spent doing exercises and will focus on the problems that you have difficulty with.

Other Resources: Students may find the following additional resources useful.

Math Lab: This is a free, drop-in tutorial program staffed by math department teaching assistants and tutors. The math lab is open Monday-Thursday 3:30-8:30pm and Sunday 3:30-6:50pm.
<http://www.math.wisc.edu/~mathlab/>

GUTS: (Greater University Tutoring Service) is a free peer tutoring service.
<http://guts.studentorg.wisc.edu>

Mathematics Tutorial Program: What are you expected to know in your math class?
<http://www.math.wisc.edu/~tprogram/>

Private Tutors: For a list of private tutors see
<http://www.math.wisc.edu/tutors>