

MATH 233-Section 3
Multivariable Calculus
Spring term 2009

Professor: Hong Kun ZHANG **email:** hongkun@math.umass.edu
Office: LGRT 1342
phone: (413)-545-2871
Office Hours: (Tentative) Mon: 3:00-4:30, Wed: 3-4:30; or by appt.

Course Web Page: <http://www.math.umass.edu/hongkun/teach-233.html>

Lecture Sessions:

Section 3 (Room: LGRT A203 and MWF 12:20PM - 1:10PM)

Text: *Essential Calculus: Early Transcendentals*, 6e, Volume 2 (6th Edition) by James Stewart.

Course Content and Goals: This course is part of a 3-semester sequence (131-132-233), covering standard material on differential and integral calculus at an intermediate level: more sophisticated (and much faster moving) than high school calculus, but with less emphasis on theoretical rigor than in advanced courses such as Math 425 or 523. Instead the emphasis is on basic concepts, methods, and applications suitable for students majoring in engineering, natural sciences, computer science, and mathematics.

Calculators and Computers: Everything we do in this course can be done without the use of a calculator. Calculators and computers are NOT to be used on quizzes and exams. You are encouraged not to use computer programs and calculators while studying and doing homework.

Online Homework : All lecture sections in M 233 require the WebAssign on-line system for homework, to which you must purchase access. Due dates for homework assignments will be announced by instructor and listed in WebAssign. Logging in to WebAssign at <https://www.webassign.net/login.html>
Click "I have a class key" in the log-in page, give your...

Classkey: **umass 6567 1880**

Then you will have two weeks to try the systems but need to enter your WebAssign access code after that. You can get this access code when you buy the textbook + WebAssign package. You may also buy an access code from the WebAssign site, but that's more expensive.

Quizzes: Quizzes will be given occasionally through the term. Questions in quizzes are based on weekly homework assignments.

Midterms Two midterms will be given during the term

Exam 1: March 5 (Thursday), Time 7:00-9:00 pm., room: TBA

Exam 2: April 16 (Thursday). Time 7:00-9:00 pm., room: TBA.

Final Exam: TBA.

I reserve the right to change these dates with advance notice. Both midterms will test your ability to do homework and quiz questions, as well as your understanding of the material. Quizzes and Exams are closed book, closed notes, and no calculators. We reserve the right to change these dates with advance notice. These are common comprehensive exams. By common I mean all Math 233 Calculus students will take the same test. Calculators are not allowed. There will be a review session before each exam.

Final Exam: It is a common comprehensive exam, which means all Math 233 Calculus students will take the same test. Calculators are not allowed.

Attendance Policy: Regular attendance is expected of all students. Due to the nature of mathematics, regular attendance is necessary in order for the student to successfully complete the course. It is the responsibility of the student to acquire any material missed as a result of an absence.

Exam Policy:

- * Please arrive 10 minutes early. You will not be admitted to the exam more than 30 minutes late.
- * Do not bring any cheat sheets to the exam.
- * Bring your student ID to the exam.
- * Calculator policy: Calculators may be used during the exam.

Grading Policy: There are two midterms. The final is cumulative. There are online homework for 26 sections (total 20 points) and some in-class quizzes (total 5 points), where one HW with the lowest score will be dropped. The total of possible points for the course will be 100 points according to the following formula:

$$100 * 25\%(MidI) + 100 * 25\%(MidII) + 100 * 25\%(Final) + 20(HW) + 5(Quiz) = 100$$

I will also add 2 bonus points for sending feed back/suggestions/comments to me on We-bassign. You may refer to High School Catalog Grading to give you an idea of your quarter final grades. Namely, 0-59 F; 60-63 D; 63-67 D+; 67-70 C-; 70-73 C; 73-77 C+; 77-80 B-; 80-83 B; 83-87 B+; 87-90 A-; 90-100 A.

Make-up Policy: There will be NO make-up exam for MA 233 scheduled except of emergence, but you have to notify the Dean of Students (5-2684). In case of any conflict, by Official University Regulations, you should go to the Registrar's Office for a statement of conflict. The Registrar will make a decision. You should then give the form to the instructor of the course. Two weeks notice is required; failure to complete this procedure in timely fashion may result in a ZERO on the examination.

Students are required to check the final exam schedule before registering!.

Student Concerns: Any student with a disability or other special circumstances should make an appointment and discuss this with me. Students requesting any academic accommodations in the classroom provide a letter, which is prepared by SSD, verifying the appropriate academic accommodations and the need for such accommodations.

Academic Dishonesty: All cases of suspected dishonesty in my courses will be immediately referred to the Associate Dean for Undergraduate Studies.