

Course Description
MAT 2010, Section 002 (CRN 11271)
Fall 2007
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Wayne State University

Objectives and Philosophy: The objective of the course is to understand the basic principles of calculus, including both derivatives and integrals. There will be an emphasis on problems, examples, and computations.

The secrets to success in this course are:

- Do your homework.
- Come to class and pay attention.
- Read the textbook.

Class Meetings: The class meets Monday, Tuesday, Wednesday, and Friday 8:30–9:25AM in 214 STAT, except for official university holidays. There will be no class on Tuesday November 20 and Friday November 23, but there will be class on Wednesday November 21.

The final examination is scheduled for Monday December 17, 1:20–3:50PM.

Prerequisites: In order to take this class, you must have:

- passed MAT 1800 with a grade of C- or better in Winter 2007 or in Spring/Summer 2007 at Wayne State, or
- received an acceptable score on a Wayne State mathematics placement exam after February 1, 2007.

Text: The required text is James Stewart: *Calculus: Early Transcendentals, 6e*: ISBN 0495011665. We will cover most of Chapters 1 through 5.

Contacting Me: E-mail: isaksen@math.wayne.edu. Office phone: 313-577-2491.

Office Hours: FAB 1195, Monday 9:30–10:30AM and Wednesday 10:30–11:30AM. I am happy to schedule appointments outside of these times. Appointments are not strictly necessary, but there is no guarantee that I will be in my office if you just stop in.

Online information: All information for this course, including the content of this sheet, will be posted at
<http://www.math.wayne.edu/~isaksen/Teaching/Courses/F07-2010-002>

Calculators: You will need a graphing calculator, although this course will not rely heavily on calculators. Suggested models include the TI-85, TI-86, HP-48G, HP-48G+, or HP-48GX. The math department supports these calculators by supplying free handouts.

More powerful calculators, such as the TI-89, TI-92, or HP-49G, will not be allowed on exams. Less powerful calculators, such as the TI-81, TI-82, TI-83, or HP-38G, are allowed.

If your calculator is not listed here, please ask me about it.

Examinations: There will be six in-class midterm exams, every second Friday at first. There won't be any late or early exams, for any reason. Exam problems will be based on (but not necessarily identical to) assigned homework, examples done in class, and examples worked out in the textbook.

The exam dates are:

Friday September 14
Friday September 28
Friday October 12
Friday October 26
Friday November 16
Friday December 7

Grading: Each midterm examination is worth 80 points. Each student's lowest midterm score will be dropped. Taken together, these exams are worth 400 points.

The final examination is worth 200 points. In order to earn at least a C-, your final exam score must be at least 100.

The grading scale, out of 600 points, is:

A/A-	541–600
B+/B/B-	481–540
C+/C/C-	421–480
D+/D/D-	361–420
F	0–360

Homework: Homework problems are assigned at each lecture. Students are expected to complete each assignment before the next class meeting. Homeworks will not be collected or graded. We will regularly discuss homework problems in class.

Collaboration in small groups is permitted and encouraged. However, it is important to practice doing problems by yourself because this is the way that you will be tested.

Extra Help: There are at least two sources of tutoring available on campus. One is the Mathematics Learning and Resource Center (<http://www.math.wayne.edu/mlrc>) in FAB 1198. The second is the Academic Success Center (<http://www.success.wayne.edu>) in the undergraduate library.