408C: Differential and Integral Calculus
Unique nos. 52635, 52640

Lecturer: Alan Reid

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Office Hours: T 10:00-noon, Th 10:00–11:00 or by appointment.

Textbook: Calculus: Early Transcendentals, 7th Edition, by James Stewart.

TA: Michael Wong, mwong@math.utexas.edu, RLM 10.112.
TA Office hours: To be confirmed: M W 3–4pm.

Calc. Lab.: WEL 2.228

Grading: There will be 3 Midterms each worth 100, a Final (based on all material in the course) worth 200 and Quizzes.

There will be 6 Quizzes over the course of the semester. These will be given in a discussion section (see the schedule below). The questions for each quiz will be selected from the previous 2 weeks Homework that will be **posted on my website on a Thursday**. Go to:

www.ma.utexas.edu/users/areid/408CFall15.html

No Homework will be graded.

Each Quiz will be worth 10 points, and so Quizzes contribute 60 towards the final grade.

No calculators allowed in the quizzes, midterm or final

There will be ABSOLUTELY POSITIVELY no make-up exams given.

Therefore one Midterm score will be dropped, so the final course grade will be based on the Final, 2 Midterms and the Quizzes.

Thus the total grade will be out of 460 and grades will be based on the following scale:

$$A = (100-93)\%, A- = (92-90)\%, B+ = (89-87)\%, B = (86-83)\%, B- = (82-80)\%,$$

$$C+ = (79-77)\%, C = (76-73)\%, C- = (72-70)\%,$$

$$D+ = (69-67)\%, D = (66-63)\%, D- = (62-60)\%, F < 60\%.$$

The Midterms will be given **during class**.

The first Midterm will be on Thursday **September 24th**. Dates for the econd and third midterms will be announced shortly (I will give sufficient warning).

Quiz Dates: All on a Wednesday discussion section.

$$9/9, 9/30, 10/14, 11/4, 11/18, 12/2.$$

The Final exam is on **Monday, December 14th, 9am–noon.**

About the Course:

Syllabus: A brief discussion of Chapter 1.1–1.6, much left as reading. Then:

$2.1 - 2.8$, $3.1 - 3.10$, brief discussion of 3.11 depending on time, $4.1 - 4.5, 4.7, 4.9$, $5.1 - 5.5$, $6.1 - 6.2$.

This course is intended as an introduction to differential and integral calculus. The main point of the course is for you to obtain a firm grasp of the idea of "the derivative" and "the integral" and to use this to solve problems. Of primary importance is being able to do examples, and consequently it is *up to you* to do as many examples as possible.

Prerequisite and degree relevance:

An appropriate score on the mathematics placement exam. 408C may not be counted by students with credit for Mathematics 403K, 408K, 408N, or 408L. M408C and M408D (or the equivalent sequence M408K, M408L, M408M; M408N, M408S, M408M) are required for mathematics majors, and mathematics majors are required to make grades of C- or better in these courses.

Note that this course carries a Quantative Reasoning (QR) flag.

From the Deans Office:

The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TTY.

Counselling and Mental Health Center
Student Services Bldg (SSB), 5th Floor
Hours: M–F 8am–5pm

512 471 3515

www.cmhc.utexas.edu

Alan Reid