

# MATH 10a: METHODS AND TECHNIQUES OF CALCULUS

Fall 2009

**Course Coordinator:** Professor Susan Parker, Goldsmith 114, x63053, parker@brandeis.edu.

**Instructors:** Susan Parker, Keefe San Agustin, Yurong Zhang, Stephen Hermes, Tathagata Sengupta, Anna Medvedovsky, Jennifer James and Cristobal Vidales.

**Text.** *Single Variable Calculus: Concepts and Contexts*, James Stewart, 4th edition.

**Syllabus.** The course will cover the following sections of the text: Sections 2.1–2.8, 3.1–3.5, 3.7–3.9, 4.2–4.6, 4.8 and portions of Chapter 5.

**Exams.** There will be two midterm exams and a final exam.

- Exam 1: Thursday October 8th 7:00–9:00 p.m.
- Exam 2: Thursday November 5th, 7:00–9:00 p.m.
- Final Exam: Wednesday, December 9th, 9:15 a.m.–12:15 p.m.

Midterm exams are in the evening. If you have an academic conflict (such as a class, lab, or another exam) with a midterm exam, inform your instructor **at least one week before the exam**. If the conflict can't be resolved, we will offer you a make-up exam.

**Grades.** Your grade in the course will be based on the following:

(1) **Homework (10% of your grade).**

- Homework assignments will be collected once or twice a week.
- **No late homeworks will be accepted**, but your three lowest homework grades will be dropped.
- We encourage you to discuss homework problems with your classmates, but you must write up your own solutions. You may not use any solution manuals.

(2) **Quizzes (10% of your grade).**

- Short quizzes will be given regularly.
- **No make-up quizzes will be given.** Missed quizzes count as zeroes. However, the lowest 25% of your quiz grades will be dropped.

(3) **Two midterm exams (each 25% of your grade).**

(4) **Final exam (30% of your grade).**

**Calculators.** You should have access to a scientific calculator. You do not need a graphing calculator in Math 10a. Calculators are **not** allowed during exams or quizzes.

**LATTE.** All course materials for Math 10a will be available online on LATTE. Log in at <http://latte.brandeis.edu> using your Unet username and password.

**Math 10a Self-quizzes.** There is a link called *Selfquizzes* on your Math 10a LATTE coursepage. The Math 10a selfquizzes cover all the material being studied in Math 10a. Complete solutions to each selfquiz are given. These selfquizzes are optional and for your use only, and have no effect on your grade.

**OVER**

**Office hours.** You are encouraged to use your instructor's office hours whenever you have questions about the course material. If you can't attend office hours, don't hesitate to make an appointment for another time.

**Students with disabilities.** If you are a student who needs academic accommodations because of a documented disability you should contact Professor Susan Parker and present your letter of accommodation as soon as possible. Professor Parker's email is [parker@brandeis.edu](mailto:parker@brandeis.edu) and her extension is 6-3053. If you have questions about documenting a disability or requesting academic accommodations you should contact Beth Rodgers-Kay in the Office of Academic Services at 6-3470 or at [brodgers@brandeis.edu](mailto:brodgers@brandeis.edu). Letters of accommodations should be presented at the start of the semester to ensure provision of accommodations. Accommodations cannot be granted retroactively.

**Academic Integrity.** You are expected to follow the University's policy on academic integrity, which is distributed annually as section 4 of the Rights and Responsibilities Handbook (see <http://www.brandeis.edu/studentaffairs/sdc/rr/index.html>). Instances of alleged dishonesty will be forwarded to the Department of Student Development and Conduct for possible referral to the Student Judicial System. Potential sanctions include failure in the course and suspension from the University. If you have any questions about how these policies apply to your conduct in this course, please ask.