

MATH 10b: METHODS AND TECHNIQUES OF CALCULUS, Fall 2006

Section 1 Instructor: Mario Bourgoïn, Goldsmith 204, x63063, mob@brandeis.edu

Course coordinator: Mario Bourgoïn, Goldsmith 204, x63063, mob@brandeis.edu

TEXT. *Single Variable Calculus: Concepts and Contexts*, James Stewart, 3rd edition.

SYLLABUS. The course will cover the following sections of the text: Sections 4.9, 5.1–5.7, 5.9, 5.10, 6.1–4, 7.1–6. Additional material will be covered if time permits.

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

25% Midterm 1, Thursday, September 28, 7:30–9:30 PM, Schwartz 106

25% Midterm 2, Thursday, November 2, 7:30–9:30 PM, Schwartz 106

30% Final Exam, Tuesday, December 12, 9:15 AM–12:15 PM

10% Homework

10% Quizzes

COURSE POLICIES.

EXAMS. Please note that midterm exams are in the evening. If you have a genuine and irremovable schedule conflict (such as a class, lab, or another exam) with a Math 10b midterm exam, inform your instructor at least two weeks before the exam. If the conflict can't be resolved, we will offer you a make-up exam. **You must obtain permission to miss an exam from your instructor BEFORE the exam is held.** Rescheduling final exams can only be done in exceptional circumstances, and **under no circumstances will final exams be given early.**

HOMEWORKS. 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 should write the solutions up on your own. We will usually not have time to discuss homework questions in class. If you have questions about homework problems, you should go to your instructor's office hours or to evening tutoring (see below).

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

CALCULATORS. You should have access to a scientific calculator. You do not need a graphing calculator. **Calculators are NOT allowed during exams or quizzes**, nor will they be used in class.

STUDENTS WITH DISABILITIES. If you are a student who needs academic accommodations because of a documented disability you should contact Professor Mario Bourgoïn and present your letter of accommodation without delay. Professor Bourgoïn's email is mob@brandeis.edu and his extension is 6-3063. If you have questions about documenting a disability or requesting academic accommodations you should contact Beth Rodgers-Kay in Undergraduate Academic Affairs at 6-3470. Letters of accommodation 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 (see <http://www.brandeis.edu/studentlife/sdc/ai>). In particular, you are expected to be familiar with Section 3 of the Rights and Responsibilities handbook. If you have any questions about how these policies apply to your conduct in this course, please ask. Instances of alleged dishonesty will be forwarded to the Office of Student Life for possible referral to the Student Judicial System.

COURSE ASSISTANCE.

WEBCT. All course materials for Math 10b will be available online on WebCT. Log in to WebCT at <https://webct.brandeis.edu> using your Unet username and password.

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 your instructor's office hours, make an appointment with him/her to meet at another time.

EVENING TUTORING. You are welcome attend the Math Department's evening tutoring sessions whenever you like. These are available to students in Math 5a, 10a and 10b every Monday, Tuesday, Wednesday and Thursday evening anytime between 7:00 PM and 9:00 PM. Tutoring sessions are held in the Math Common Room (room 300) and begin on Tuesday, September 5th.

SELF-QUIZZES. There is an icon entitled Self-Quizzes on your Math 10b WebCT course page. The self-quizzes cover the material being studied in the course. Complete solutions to each self-quiz are given. We encourage you to use the self-quizzes to check your mastery of the course material, on your own time and at your own pace, without the pressure of a grade. *These self-quizzes are optional, for your use only, and have no effect on your grade.*

SEMESTER CALENDAR. Class dates are in **bold**.

Monday	Tuesday	Wednesday	Thursday	Friday
			Aug 31 First	Sep 1
4 Holiday	5	6	7	8
11	12	13	14 Last Add	15
18	19	20	21	22
25	26	27	28 Midterm	29
Oct 2 Holiday	3 Monday	4	5	6 1 st Drop
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31	Nov 1	2 Midterm	3
6	7	8	9	10 2 nd Drop
13	14	15	16	17
20	21	22	23 Holiday	24 Holiday
27	28	29	30	Dec 1
4	5 Last	6	7	8
11	12 Final			