

MATH 10A: METHODS AND TECHNIQUES OF CALCULUS, Spring 2008

Section 1 Instructor: Mario Bourgoïn, Goldsmith 204, x6-3063, mob@brandeis.edu

Course Coordinator: Mario Bourgoïn, Goldsmith 204, x6-3063, mob@brandeis.edu

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

SYLLABUS. The course will cover Sections 2.1–2.9, 3.1–3.8, 4.1–4.3, 4.5, 4.6, and 4.9. Additional material will be covered if time permits.

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

25% Midterm 1, Monday, February 11, 7–9 PM, Schwartz Auditorium (106)

25% Midterm 2, Tuesday, March 18, 7–9 PM, Schwartz Auditorium (106)

30% Final Exam, Tuesday, May 6, 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 10A 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 help sessions (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.

LATTE. All course materials for MATH 10A will be available online on LATTE. You may log in at <http://moodle.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 HELP SESSIONS. You are welcome attend the Math Department's evening help 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. Help sessions are held in the Math Common Room (room 300) and begin on Tuesday, January 22nd.

SELF-QUIZZES. There is an icon entitled Self-Quizzes on your MATH 10A LATTE 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.

Monday	Tuesday	Wednesday	Thursday	Friday
	Jan 15 First	16	17	18
21 Holiday	22	23 Monday	24	25
28	29 Last Add	30	31	Feb 1
4	5	6	7	8
11 Midterm	12	13	14	15
18 Recess	19 Recess	20 Recess	21 Recess	22 Recess
25	26 1st Drop	27	28	29
Mar 3	4	5	6	7
10	11	12	13	14
17	18 Midterm	19	20	21 Holiday
24	25	26	27	28
31	Apr 1	2 2nd Drop	3	4
7	8	9	10	11
14	15	16	17	18
21 Break	22 Break	23 Break	24 Break	25 Break
28	29 Friday	30 Last	May 1	2
5	6 Final			