

**MATH 20a: Techniques of Calculus: Calculus of Several Variables**  
**Summer 2017 Session II (July 9-August 10)**

**Instructor:** Angelica Deibel  
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**Office hours:** to be announced

**Class Meetings:** M,T,W,Th 11:00am-12:50pm

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

**Prerequisites:** Math 10a and 10b

**Syllabus:** The course will cover the following sections of the text: Sections 9.1-9.7, 10.1-10.2, 11.1-11.8, 12.1-12.3, 12.5-12.7, and 13.1-13.7. (Some topics may be added or removed as time permits).

**Exams:** There will be one midterm exam and a final exam.

- Midterm: Monday, July 23 in class
- Final: Thursday, August 9 from 1pm-4pm

**Grades:**

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

- **Homework (25% of your grade).**
  - Homework assignments will be collected two or three times a week.
  - **No late homeworks will be accepted**, but your two 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.
- **Quizzes (20% of your grade).**
  - Short quizzes will be given regularly.
  - **No make-up quizzes will be given.** Missed quizzes count as zeroes. However, your lowest quiz grade will be dropped.
- **Midterm exam (20% of your grade).**
- **Final exam (35% of your grade).**

**Calculators:**

Calculators are **not** allowed during exams or quizzes. You should have access to a scientific calculator for homework, but you do not need a graphing calculator.

**LATTE:**

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

**Office hours:**

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

**Students with disabilities:**

If you are a student who needs academic accommodations because of a documented disability you should present your letter of accommodation to your instructor as soon as possible. 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 x63470 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/srcs/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.