

# Math 233: Multivariate Calculus

## Fall 2018

**Instructor:** Jennifer Li  
**Office:** LGRT 1341  
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**Section:** 13  
**Time:** MWF 8-8:50am  
**Classroom:** LGRT 141

**Office Hours:** Th 2-3pm; Fri 9-10am (LGRT 1341)  
**CTC Office Hours:** TBA (LGRT 140)

**Text:** *Calculus: Early Transcendentals*, 8th Edition, by James Stewart

The class webpage will contain a schedule of the sections we cover in class, as well as solutions to quizzes. It will be updated frequently.

**Class webpage:** <http://people.math.umass.edu/~jli/fall2018math233.html>

The course syllabus contains important details about material covered in this course, exam and makeup exam policies, grading scale, etc. Please read it carefully.

**Course syllabus:** [http://people.math.umass.edu/~tevelev/233\\_2018/](http://people.math.umass.edu/~tevelev/233_2018/)

**Grades:** There will be 2-3 homework sets per week through Webassign (deadlines are posted on Webassign). I will also give a 10-15 minute quiz each week. The two lowest quiz grades will be dropped. Makeup quizzes will be allowed only with a signed note, e.g., from a doctor, and must be taken within a week of your return to school, during office hours. Your course grade will be determined by the quizzes, homework, and three exams:

*Quizzes:* 5%

*Homework:* 20%

*Exam 1* (Tuesday, October 2, 2018): 25%

*Exam 2* (Wednesday, November 14, 2018): 25%

*Final Exam* (Tuesday, December 18, 2018): 25%

### General advice:

- ♣ Come to class and participate!
- ♣ **Read the textbook.**
- ♣ Form study groups with your classmates and help each other.
- ♣ Come to my office hours and visit the CTC (Calculus Tutoring Center).
- ♣ Keep a handwritten homework notebook. All of the homework for this course is online. It's a good habit to have a written record of the exercises you have completed, with justification for each step. This will help to ensure that you understand the material, and if you get stuck somewhere, it will be easier to pinpoint mistakes or misunderstandings.
- ♣ Multivariate calculus is a visual subject. Be prepared to draw a lot of pictures!