MATH 32A, CALCULUS OF SEVERAL VARIABLES, LECTURE 3

Instructor: Siddharth Venkatesh  
Email: sidnv@math.ucla.edu, siddharth.n.venkatesh@gmail.com  
Website: https://www.math.ucla.edu/~siddharth  
Office: 5230 Math Sciences Building  
Office Hours: (tentative) Monday: 11:30-12:30 PM, 4:15-5:15 PM, Friday: 11:30-12:30 PM. Any other time by appointment.

Lectures: MWF: 1:00 - 1:50 PM, Dodd Hall 147.  
Course Outline: https://www.math.ucla.edu/ugrad/courses/math/32A. The schedule of lectures will roughly follow the one given on this webpage.

Teaching assistants:  
Blaine Talbut (email: blainetalbut@math.ucla.edu, office: MS 3973)  
Discussion Section 3A: Tue 1-1:50PM, Boelter Hall 5436  
Discussion Section 3B: Thu 1-1:50 PM, MS 5138

Patrick Hiatt (email: pjhiatt@math.ucla.edu, office: MS 2344)  
Discussion Section 3C: Tue 1-1:50 PM, Bunche Hall 2178  
Discussion Section 3D: Thu 1-1:50 PM, Boelter Hall 5436

Max Zhou (email: maxzhou@math.ucla.edu, office: MS 3955)  
Discussion Section 3E: Tue 1-1:50 PM, Boelter Hall 5264  
Discussion Section 3F: Thu 1-1:50 Pm, Boelter Hall 5264

Textbook: J. Rogawski, Multivariable Calculus, 3rd W.H. Freeman and CO  
Prerequisites: Math 31A with grade of C- or better.

Grading: Your final grade will be computed as the higher of the two following scores:

1. Homework: 15%  
   Discussion Participation: 5%  
   Midterm 1: 20%  
   Midterm 2: 20%  
   Final Exam: 40%

2. Homework: 15%  
   Discussion Participation: 5%  
   Maximum of Midterms 1 and 2: 25%  
   Final Exam: 55%

Homework: Homework will be assigned every week, and will usually be due on Monday. The assignment will be posted on CCLE well in advance. Your score on each assignment will be based on a few randomly chosen problems, graded for correctness, as well as overall completion of the rest of the assignment.

We will also be using Gradescope in this class. You will be required to upload an image of your homeworks onto Gradescope via CCLE. Your uploaded image must be of good quality, if the reader is unable to decipher your homework, you will not receive any credit for it. Late homework will not be accepted, but your lowest two homework scores will be dropped.
Exams: During the exams, you may not use notes, calculators, cell phones or anything other than a pen/pencil. **There will be no make-ups for missed midterms.** If you miss one midterm, your grade will be computed using the second scheme above. **You must take the final exam to pass the class.** Make-ups for the final exam are permitted only under exceptional circumstances, as outlined in the UCLA student handbook. **Please bring a photo ID to every exam.** The exams are scheduled for the following dates:

**Midterm 1:** Friday, October 18, 6:00-6:50 PM, Moore 100  
**Midterm 2:** Friday, November 15, 6:00-6:50 PM, Moore 100  
**Final Exam:** Saturday, December 7, 3:00-6:00 PM

**Notice about academic integrity**
From the office of the Dean of Students: “With its status as a world-class research institution, it is critical that the University uphold the highest standards of integrity both inside and outside the classroom. As a student and member of the UCLA community, you are expected to demonstrate integrity in all of your academic endeavors. Accordingly, when accusations of academic dishonesty occur, The Office of the Dean of Students is charged with investigating and adjudicating suspected violations. Academic dishonesty includes, but is not limited to, cheating, fabrication, plagiarism, multiple submissions or facilitating academic misconduct.”

Students are expected to be aware of the University policy on academic integrity in the UCLA Student Conduct Code:  
Please read the sections on (1) cheating, (2) plagiarism, and (3) unauthorized study aids.

**Violation of course policy involving plagiarism, cheating, or possession of course materials during exams will be referred to the Dean of Students,** who will be encouraged to take strong action. Do not cheat! The penalties can be very harsh. Do not believe it if you hear that “everyone does it.” You generally do not hear about the punishments because they are kept confidential. If you are found responsible by the Dean of Students for violating course policy, cheating on any course materials, or giving or receiving unauthorized help, a zero will be assigned for the entire assignment. No exceptions will be made! Past examples of penalties also include loss of an entire term of credit and suspension for several terms. If you plan to apply to graduate or professional school, such a negative mark on your record may be a major obstacle to admission.

**Notice about sexual harassment, discrimination, and assault**
Title IX prohibits gender discrimination, including sexual harassment, domestic and dating violence, sexual assault, and stalking. Students who have experienced sexual harassment or sexual violence can receive confidential support and advocacy from a CARE advocate:  
The CARE Advocacy Office for Sexual and Gender-Based Violence,  
1st Floor Wooden Center West  
CAREadvocate@caps.ucla.edu  
(310) 206-2465

You can also report sexual violence or sexual harassment directly to the University’s Title IX Coordinator:  
Kathleen Salvaty  
2241 Murphy Hall titleix@conet.ucla.edu  
(310) 206-3417