MATH 226 SYLLABUS (SECTION 39577)

Instructor

Dr Wojciech Ożański

office: KAP 416B

office hours: Tuesday, Wednesday, Thursday 3.30-4.30pm

email: ozanski@usc.edu

Course information

lectures: Monday, Wednesday, Friday 1-1.50pm in THH 114

Textbook: J. Stewart "Essential calculus", 2nd edition

Course content:

1. Vectors and geometry in $\mathbb{R}^3$ (Ch. 10)
2. Partial derivatives (Ch. 11)
3. Multiple integrals (Ch. 12)
4. Vector calculus (Ch. 13)

Midterm I: Wednesday, October 2nd, during class time (room TBA)

Midterm II: Wednesday, November 13th, during class time (room TBA)

Final Exam: Wednesday, December 11th, see the exam schedule

discussion sessions: Tuesday, Thursday 12-12.50pm or 1-1.50pm in THH B9

Teaching Assistant: Alexander Port

email: portam@usc.edu

Grading information

Your grade will be computed using the following scheme:

Homework:	10%
Quizzes:	15%
Midterm I:	20%
Midterm II:	20%
Final Exam:	35%

Lectures

While the lecture will cover the material in chapters 10-13 of the textbook, we will not be covering the textbook line-by-line. Please feel free to ask questions during lecture at any time, particularly when anything on the board is not clear. This is very helpful for me, and also helps me in my preparations for the following lectures. Please feel free to contact me by email with any questions,

comments or concerns regarding the course. You can also give anonymous comments or feedback by using this anonymous Google form

Homework

Homework assignment will be assigned by Wednesday and will be due at the beginning of the discussion session on Thursday in the following week. Graded assignments will be returned in discussion sessions. No late submissions will be accepted. No electronic submissions will be accepted, except in the case of exceptional circumstances (such as attending a conference, doctor appointment, etc.). Any exceptional circumstance needs to be reported (to the instructor) at least 2 days before the submission deadline. There will be 12 homework assignments, and the lowest two homework scores will be ignored at the end of the semester.

The students are required to solve all exercises listed in the homework assignment. However, only 10 exercises (out of each assignment) will be graded; the choice of these 10 exercises is made by the instructor (and is the same for all students). When writing a solution to an exercise please show your work (so that the grader can understand the reasoning that led to your answer and therefore can give you all the points you deserve). You might want to think of your solution as a "brief essay". Please write legibly, label each exercise clearly and staple (and sign) your work (as any illegible writing or lost pages are not the responsibility of the grader or the TA).

The purpose of the homework is to give you a minimum level of practice with the course material and reinforce concepts covered in class. I highly recommend that you do more problems each week than just the homework. The more problems you do the better your understanding of the subject will be. You are encouraged to discuss homework problems with your peers and to work in groups. However, you must write your own solutions. A homework solution that is simply copied from another source (friend, another textbook, internet, etc.) will be considered as plagiarism, which is a serious offense, see Student Conduct Code.

Quizzes

There will be a quiz at the end of discussion section every Thursday, starting in the second week of class. Each quiz will cover material from the homework that was due that week. There will be 12 quizzes, and the lowest two quiz scores will be ignored at the end of the semester. No make-up quizzes will be offered. The purpose of the quizzes is to make sure that you have a basic understanding of the course material. A declining quiz (or homework) score is a warning sign. If you find yourself in that situation, please come talk to me about how to get back on track in the course.

Midterms and Exam information

TBA.

Other information

The course is participating in the Supplemental Instruction program, which offers additional weekly

sessions as well as exam reviews with the SI leader, Goldie Roth (email: goldiero@usc.edu). Students are strongly encouraged to get involved in these sessions.

In addition to that, students are encouraged to use The Math Center, which is located in KAP 263 and is open 8am until 7pm (Monday-Thursday) and 8am until 5pm on Fridays. The purpose of The Math Center is to provide an environment where students can casually stop by to get help on their math classes.

Do not cheat. The consequences of cheating will be severe, see the Student Conduct Code (Part B, Section 11 for what to avoid, and Appendix A for the list of consequences) for details.

This syllabus is not a contract, and the instructor retains the right to modify it at any time.

Any student with disability requesting accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP (please follow the link above). Please make sure to deliver the letter to me as early in the semester as possible (so that the accommodations can be arranged).

Wojciech Ożański, Department of Mathematics, University of Southern California, Los Angeles, USA.

Email address: ozanski@usc.edu