**Math 226 - Spring 2016 – SYLLABUS – Class 39591**

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**Instructor**: Guillermo Reyes

**Office:** KAP 444B

**Phone:** 213-740-7285

**Email**: guillermo.[reyes@usc.edu](mailto:reyes@usc.edu)

**Web site**: https://dornsifecms.usc.edu/guillermo-reyes-souto/

**Lecture hours and location** : MWF 1:00 – 1:50, [THH](https://classes.usc.edu/maps/?b=THH) 210

**Office hours**: MWF 2:00 - 4:00 pm or by appointment, KAP 444B

**TA**: TBD

**Email**:

**TA Discussion hours and location:** TTh 2:00 pm, 3:00 pm, KAP 159

**TA's office hours:** TBD

**Course Description:**

We will cover the fundamentals of Calculus for real functions of several real variables and vector-valued functions. Some of the topics are: limits, continuity, partial derivatives, double and triple integrals, as well as line and surface integrals and some applications. We closely follow chapters 10th to 13th of the textbook.

**Textbook:** J. Stewart, *Essential Calculus*, Second Edition.

**Important dates**:

Midterm 1: February 22nd

Midterm 2: March 30th

Last day to drop the class with a mark of W: April 8th

#### Last class: Friday, April 29th

Final Exam: Wednesday, May 11th

**Course schedule:**

A tentative week by week schedule of lectures is given in the table below.

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| **Week** | **Dates** | **Textbook Sections** |
| 1 | January 11 - 15 | 10.1 – 10.3 |
| 2 | January 20 - 22 | 10.4 – 10.5 |
| 3 | January 25 - 29 | 10.6 -10.7 |
| 4 | February 1 - 5 | 10.8 - 11.2 |
| 5 | February 8 - 12 | 11.2 - 11.3 |
| 6 | February 17 - 19 | 11.4 - Review |
| 7 | February 22 - 26 | Midterm I - 11.6 |
| 8 | February 29 – March 4 | 11.6 – 11.7 |
| 9 | March 7 – March 11 | 11.8 - 12.1 |
| 10 | March 14 – March 18 | **Spring Break** |
| 11 | March 21 – March 25 | 12.2 - 12.4 |
| 12 | March 28 – April 1 | Review - Midterm II – 12.5 |
| 13 | April 4 – April 8 | 12.6 – 12.7-13.1 |
| 14 | April 11 – April 15 | 13.2 - 13.4 |
| 15 | April 18 – April 22 | 13.5 - 13.7 |
| 16 | April 25 – April 29 | 13.8 - 13.9 |

**Grading:**

Homework will be assigned at the end of each week to be turned in the next Thursday.

Quizzes will be given in discussion classes every week, except on the weeks of the midterms.

There will be two midterm exams (50 min. each) during lectures and one final exam (2h).

All exams and quizzes are **closed-book** and **closed-notes**. **No calculators** may be used during the exams unless otherwise stated before the day of the exam.

There will be no make-up exams or quizzes and no late submissions of homework will be accepted, unless special circumstances are presented to the instructor.

Before the drop deadline (April 8th) I will post a letter grade based on the two midterms, homeworks and quizzes.

**Students Requiring Special Accommodation**

Any student requesting academic accommodations based on special needs is required to register with DSP each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me (or to TA) as early in the

semester as possible. DSP is located in STU 301 and is open 8:30 a.m.–5:00 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.

**Academic Integrity**

USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one’s own academic work from misuse by others as well as to avoid using another’s work as one’s own. All students are expected to understand and abide by these principles. Scampus, the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A: http://www.usc.edu/dept/publications/SCAMPUS/gov/. Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at: http://www.usc.edu/student-affairs/SJACS/.

**Grade distribution:**

Quizzes = 15%. The lowest three grades will be dropped.

Homework = 15%. The lowest three grades will be dropped.

Each midterm = 20%

Final Exam = 30%

**Other comments:**

Official announcements, homework assignments, grades, etc. will be posted on Blackboard. You are expected to **check Blackboard on a regular basis.**

If for some reason you cannot take a midterm exam, or the final, please let me know in advance to find a solution.

Do not hesitate to ask questions. Walk-ins are welcome during office hours, and you can also make appointments to see me at other time. Your TA is also ready to help you.

There are tutors available to help you at the Math Center. The Math Center is located in KAP 263, and is open Monday to Thursday from 8am to 7pm and Friday from 8am to 5pm.

Here is a link to the Math Center if you need further information: https://dornsife.usc.edu/mathcenter