**Math 226 - Fall 2016 – SYLLABUS – Class 39553**

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**Instructor**: Guillermo Reyes

**Office:** KAP 444B

**Phone:** 213-740-7285

**Email**: guillermo.reyes@usc.edu

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

**Lecture hours and location** : MWF 9:00 – 9:50, SOS B4

**Office hours**: MWF 11:00 am - 12:00 pm and 1:00 – 2:00 pm or by appointment, KAP 444B

**TA**: Daniel Douglas

**Email**: dcdougla@usc.edu

**TA Discussion hours and location:** TTh 10:00 am, 11:00 am, GFS 213

**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: Monday, September 26th

Midterm 2: Wednesday, November 2nd

Last day to drop the class with a mark of W: Friday, November 11th

#### Last class: Friday, December 2nd

Final Exam: Wednesday, December 7th, 2:00 – 4:00 pm

**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  | August 22 - 26 | 10.1 – 10.3 |
| 2 | August 29 – September 2 | 10.4 – 10.6 |
| 3 | September 7 - 9 | 10.7 - 10.8 |
| 4 | September 12 - 16 | 11.1 - 11.3 |
| 5 | September 19 - 23 | 11.4 – 11.5 - Review |
| 6 | September 26 - 30 | Midterm I – 11.6 – 11.7 |
| 7 | October 3 - 7 | 11.8 - 12.1 |
| 8 | October 10 - 14 | 12.2 - 12.3 |
| 9 | October 17 - 21 | 12.4 - 12.5 |
| 10 | October 24 - 28 | 12.6 – 12.7 |
| 11 | October 31 – November 4 | Review - Midterm II – 13.1 |
| 12 | November 7 – November 11 | 13.2 - 13.4 |
| 13 | November 14 – November 18 | 13.5 - 13.7 |
| 14 | November 21 | 13.8 |
|  | **THANKSGIVING** |  |
| 15 | November 28 – December 2 | 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 for the first week of the course and 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. A cheat sheet will be allowed for Midterms and Final.

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/TA.

Before the drop deadline (November 11th) 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 = 10%. The lowest three grades will be dropped.

Each midterm = 20%

Final Exam = 35%

**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. Our final is common and it would be difficult to reschedule it.

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