**Math 125 - Fall 2016 – SYLLABUS – Class 39489**

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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 2:00 – 2:50 pm, KDC 235

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

**TA**: Chukiat Phonsom

**Email**: phonsom@usc.edu

**TA Discussion hours and location:** TTh 12:00 pm, 1:00 pm, GFS 113

**TA's office hours:** TBD

**Course Description:**

We will cover the fundamentals of differential and integral calculus in one variable, including limits, continuity, derivatives and applications, antiderivatives, the Fundamental Theorem of Calculus and exponential and logarithmic functions. We closely follow the first five chapters of the textbook.

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

**Important dates**:

Midterm 1: Wednesday, September 28th

Midterm 2: Wednesday, November 2nd

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

Last class: Friday, December 2th

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 | 1.1-1.3 |
| 2 | August 29- September 2 | 1.3 -1.4 |
| 3 | September 7 - 9 | 1.4 -1.5 |
| 4 | September 12 - 16 | 1.6 - 2.1 |
| 5 | September 19 - 23 | 2.2 - 2.5 |
| 6 | September 26 – September 30 | Review - Midterm - 2.6 |
| 7 | October 3 - 7 | 2.7 - 3.1 |
| 8 | October 10 - 14 | 3.2 - 3.4 |
| 9 | October 17 - 21 | 3.4 - 3.5 |
| 10 | October 24 - 28 | 3.7 - 4.2 |
| 11 | October 31 - November 4 | Review - Midterm - 4.3 |
| 12 | November 7 - 11 | 4.4 - 4.5 |
| 13 | November 14 - 18 | 5.1 - 5.3 |
| 14 | November 21 | 5.4 |
|  | **THANKSGIVING** |  |
| 15 | November 28 - December 2 | 5.5 - Review |

**Grading:**

Homework will be assigned at the end of each week to be turned in the next Thursday in discussion session. The first homework is due on Thursday, September 1st.

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

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

A Computer Assignment will be given at some point soon. You will have plenty of time to work on it. It will be due by the end of the semester.

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.

Before the drop deadline (November 11th) I will post a letter grade based on the two midterms, homeworks and quizzes. Grades for midterms and final might be curved, depending on the results.

**Grade distribution:**

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

Homework = 10%. The lowest three grades will be dropped.

Computer Assignment = 5%

Each midterm = 20%

Final Exam = 30%

**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/.

**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