**Math 125 - Spring 2017 – SYLLABUS – Class 39437R**

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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 10:00 – 10:50 pm, [ZHS](https://classes.usc.edu/maps/?b=ZHS) 163

**Office hours**: MWF 3:00 pm – 5:00 pm or by appointment, KAP 444B

**TA**: Qiu, Ye

**Email**: yeqiu@usc.edu

**TA Discussion hours and location:** TTh 12:00 pm, 1:00 pm, [VHE](https://classes.usc.edu/maps/?b=VHE) 214

**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 will closely follow the first five chapters of the textbook.

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

**Important dates**:

Midterm 1: Wednesday, February 15th in lecture room

Midterm 2: Wednesday, March 29th in lecture room

Last day to drop a class with a mark of W: Friday, April 7th

Last class: Friday, April 28th

Final Exam: Wednesday, May 10th, 8 am – 10 am, room TBD

**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 9 - 13 | 1.1-1.3 |
| 2 | January 18 - 20 | 1.3 -1.4 |
| 3 | January 23 - 27 | 1.4 -1.5 |
| 4 | January 30 – February 3 | 1.6 - 2.1 |
| 5 | February 6 – February 10 | 2.2 - 2.5 |
| 6 | February 13 – February 17 | Review - Midterm - 2.6 |
| 7 | February 22 – February 24 | 2.7 - 3.1 |
| 8 | February 27 – March 3 | 3.2 - 3.4 |
| 9 | March 6 – March 10 | 3.4 - 3.5 |
|  | March 13 – March 17 | **Spring Recess** |
| 10 | March 20 – March 24 | 3.7 - 4.2 |
| 11 | March 27 – March 31 | Review - Midterm - 4.3 |
| 12 | April 3 – April 7 | 4.4 - 4.5 |
| 13 | April 10 – April 14 | 5.1 - 5.3 |
| 14 | April 17 – April 21 | 5.4 – 5.5 |
| 15 | April 24 – April 28 | Review |

**Grading:**

Homework for the whole semester will be posted on BB. Assignment for each week will correspond to material covered the week before or on Monday the same week so you have time to practice. Homework will be turned in every Thursday in discussion session. It is highly recommended that you work on all of the homework problems but **only the even-numbered problems will be graded,** and only those must be turned in. The first homework is due on Thursday, January 19th.

Quizzes will be given in discussion sessions every week, except on the first week.

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

A Computer Assignment will be given at some point in the semester. 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 might 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, documented circumstances are presented to the instructor.

Before the drop deadline (April 7th) 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