**Math 126 - Summer 2017 – SYLLABUS – Class 39410R**

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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 – 2:50 pm, KAP 159

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

**TA/Grader**: Sandoval, Nicolle and Algra, Harrison

**Email**: [nesandov@usc.edu](mailto:nesandov@usc.edu) and halgra@usc.edu

**Discussion hours and location:** TuThu 1:00 – 2:50 pm, KAP 159

**Course Description:**

This course is the natural continuation of Math 125. It covers the following topics: inverse trigonometric and hyperbolic functions, L’Hospital rule for limits, techniques and applications of integration (including integration by parts, partial fractions, trigonometric substitutions, etc.), infinite series (including numerical and Taylor series) and polar coordinates on the plane.

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

**Important dates**:

Midterm 1: June 9th

Midterm 2: June 30th

Last day to drop a class with a mark of W: Friday, June 23rd

Last class: Wednesday, July 5th

Final Exam:, 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 | May 17 – 19 | 5.6 – 5.7 |
| 2 | May 22 – 26 | 5.8 – 6.2 |
| 3 | May 29 – June 2 | 6.3, 6.6, 7.1 |
| 4 | June 5 – June 9 | 7.2 – 7.4 – Midterm I (up to 7.2) |
| 5 | June 11 – June 15 | 7.5, 7.6, 8.1 |
| 6 | June 19 – June 23 | 8.2 – 8.5 – Midterm 2 (up to 8.4) |
| 7 | June 26 – June 30 | 8.6 - 8.8 – Final |

**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, May 25th.

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.

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.

Grades for midterms and final might be curved, depending on the results.

**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%

**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