

MAC 2311 – CALCULUS 1

Spring 2018

Section 001

Syllabus

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Office hours:

- Monday 12:30-1:30 pm
- Wednesday 9:45-10:45 am and 2:00-3:30 pm

Time & location of class

- MW: 11:00 pm – 12:15 pm, CMC 130
- F: 11:00 pm – 11:50 pm, CHE 303 (peer leading session)

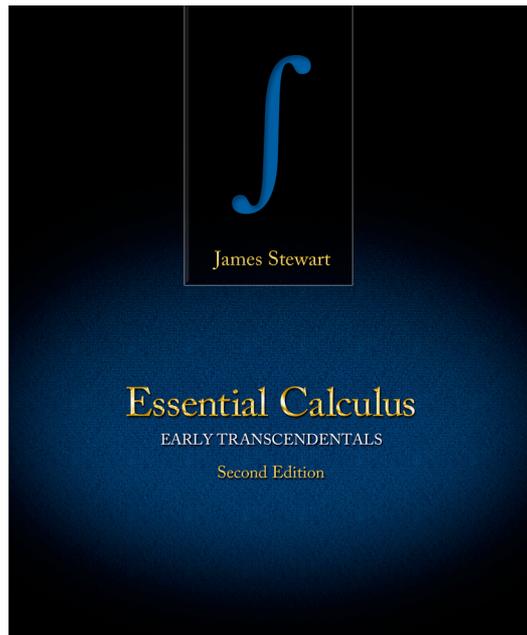
What is peer leading?

- Activities in groups of 3 or 4 supported by one or two highly-qualified undergraduate students (the **peer leaders**) for improving students' conceptual understanding of the material and communication skills.
- Introduction to the material of the following week

➡ Check the peer leading sections syllabus

Text: *Essential Calculus, Early Transcendentals*, 2nd edition,
James Stewart

➔ Chapters 1, 2, 3, 4 and 5 (sections 5.1 through 5.4)



If you buy your text at the bookstore, you are buying the enhanced edition, which contains an access code to webassign, the online homework system

- **Canvas:** announcements, material (quizzes, homework, notes), contact the instructor

- **My personal website (*teaching section*)**

Additional resources for Calculus 1: some documents (quizzes, homework, notes, etc.) of my previous Calculus 1 course (Fall 2017).

Calculus 1 Spring 2018:

<http://www.aiezzi.it/teaching/calculus-spring2018.html>

GRADING POLICY

Three tests on Saturdays:

- February 3, 9:30 – 10:45 am
- March 3, 9:30 – 10:45 am
- April 7, 9:30 – 10:45 am

One cumulative two-hour final exam

Saturday, April 28, 3 – 5 pm

Review sessions before each test/exam on Thursdays in CMC 116:

- February 1, 2-6 pm
- March 1, 2-6 pm
- April 5, 2-6 pm
- April 26, 2-6 pm

Quizzes every Wednesday:

- 15-20 minutes
- Exercises, definitions, statement of a theorem, critical thinking question

Written homework:

- Due during the week of the test/exam
- Good training for the tests/exam

Examples of quizzes & written homework (with solutions):
<http://www.aiezzi.it/teaching/calculus-fall2017.html>

- **What is webassign?**

Assignments online, graded automatically, feedback on your performance

- **How to enroll?**

<http://www.webassign.net/> ➡ Enroll with Class key ➡
➡ use your usf email account and the following class key
check on Canvas (you can login right now!)

- due in general every Wednesday at 11:59 pm (except for the first week of class, when it is due on Friday)

Every Friday, you have Peer Leading:

- **pre-assignment** due on Canvas before peer leading starts.
- **short, multiple choice quiz** during your peer leading session.
- **a critical thinking question**, at the end of your peer led session. Your critical thinking question will count as a 1/1 if “Satisfactory” and a 0/1 if “Unsatisfactory”.

- Class Tests: 3 x 15% each = 45%
- Final Exam: 20%
- Webassign homework: 10%
- Quizzes and other activities: 15%
- Peer Leading grade: 10%

- Calculus is **hard** and requires a lot of thought; indeed, this class rivals Organic Chemistry in difficulty.
- **Homework is extremely important.** In general, for each hour of class, you should expect to have to do three hours of work outside of class doing the homework and learning the material.
- This class is a **sixteen-hour per week commitment**: four hours in class, and twelve hours of homework. Expect to spend two hours per day on this class, outside of class, six days per week.

If you cannot devote that level of time this semester, do not take Calculus this semester!

You need a **solid background in precalculus**: algebra and trigonometry.

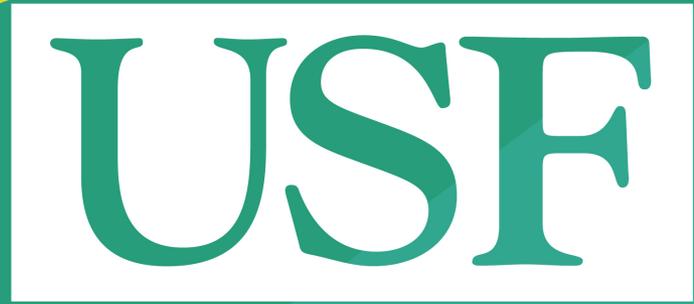
REVIEWS:

- Wednesday January 10, 1-3 pm in CMC 116
- Wednesday January 17, 1-3 pm in CMC 116
- Wednesday January 24, 1-3 pm in CMC 116

- Attendance is mandatory
- You are responsible for any announcement given either in class, on canvas, or on Webassign
- Cell phones are not allowed in class
- Class is from 11am to 12:15 pm. You have to be on time and do not leave earlier (except special reasons)
- More information and a tentative of schedule on the paper syllabus

FIRST DAY ATTENDANCE

**Good luck to
everybody!**

The logo for the University of South Florida (USF) is centered on a white rectangular background. It features the letters "USF" in a large, bold, green serif font. Below this, the words "UNIVERSITY OF" are written in a smaller, white, serif font, followed by a thin white horizontal line, and then "SOUTH FLORIDA." in the same white serif font, with a registered trademark symbol (®) at the end. The background of the entire image is a complex geometric pattern of overlapping triangles and polygons in various shades of green, yellow, and grey.

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