

MAC 2311 - CALCULUS 1

FALL 2018

Section 003

SYLLABUS

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Website: <http://www.aiezzi.it/>

Office hours:

- Mondays 11:00 am - 12:15 pm
- Wednesdays 11:00 am 12:15 am and 2:00-3:00 pm

Time & location of class

- MW: 12:30 pm – 1:45 pm, CHE 217
- F: 12:30 pm – 1:20 pm, CHE 217 (peer leading session)

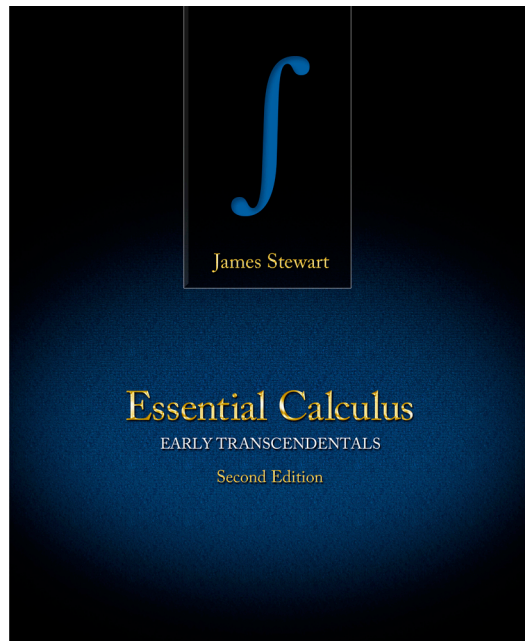
What is peer leading?

- 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* tab)**

Additional resources for Calculus 1: most of the documents (quizzes, homework, notes, etc.) of my previous Calculus 1 course taught at USF (Fall 2017 and Spring 2018).

Calculus 1 Fall 2018: <http://www.aiezzi.it/teaching/calculus-fall2018.html>

GRADING POLICY

Three tests on Saturdays:

- September 15, 9:00 – 10:15 am
- October 13, 9:00 – 10:15 am
- November 3, 9:00 – 10:15 am

One cumulative two-hour final exam

Saturday, December 1, 3 – 5 pm

Review sessions before each test/exam on Thursdays:

- September 13, 2-6 pm
- October 11, 2-6 pm
- November 1, 2-6 pm
- November 29, 2-6 pm

Quizzes (almost) every Wednesday:

- 15-20 minutes
- Exercises, definitions, statement of a theorem, critical thinking question
- « Quizzes for fun » before each quiz

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-fall2018.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 *normally* every Tuesday 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.
- You need a **solid background in precalculus**: algebra and trigonometry.
- **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!

Why do I need to go to class if all the notes are posted online?

- Because it is mandatory!
- Because participating in class is more productive and funnier than studying alone.
- Because in class the instructor points out the classical mistakes and gives you all the information for succeeding in Calculus.
- Because personal notes are better than those of others.
- Because it is an occasion for meeting new friends and organizing study groups.

- Attendance is mandatory
- You are responsible for any announcement given either in class, on Canvas, or on Webassign
- Cell phones are strictly forbidden in class
- Class is from 12:30 pm to 1:45 pm. You have to be on time and stay until the end (except special reasons)
- More information and a tentative of schedule on the paper syllabus

**Ready for a semester full of
Calculus?**

**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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