

A photograph of the Golden Gate Bridge in San Francisco, California. The bridge is a suspension bridge with two large towers and numerous cables. It spans across a body of water, with hills in the background. The sky is clear and blue. The bridge is the central focus of the image.

Bridge to Abstract Mathematics

Spring 2020 - Sec. 001

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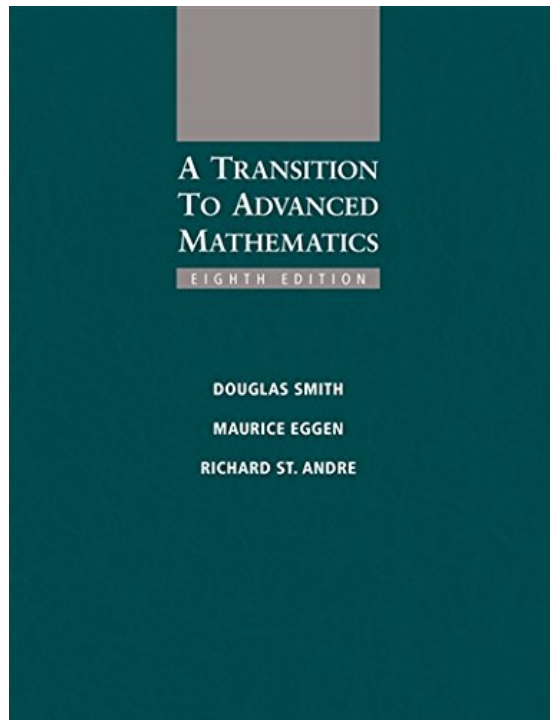
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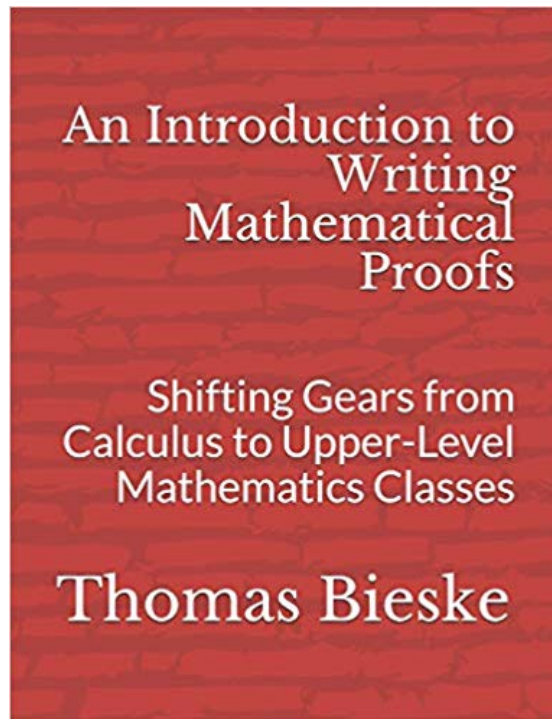
- **Time & location of class:** MW: 9:30 am – 10:45 am, CMC 118
- **Office hours:** MW 11:00 am - 12 pm

Text: *A Transition to Advanced Mathematics*, by Smith, Eggen & St. Andre, 8th edition.

➔ Chapters 1, 2, 3, 4 will be covered.



References: *An Introduction to Writing Mathematical Proofs: Shifting Gears from Calculus to Upper-Level Mathematics Classes*, 4th edition (red cover), Thomas Bieske.



- **Canvas:** announcements, documents (quizzes, homework, etc.), contact the instructor.
- **My personal website (*teaching* tab):**
<http://aiezzi.it/teaching/bridge-spring2020.html>

GRADING POLICY

- Tests/Exams: **75%** (total)
- Homework: **15%**
- Quizzes and other activities: **10%**

Three tests (tentative schedule):

- Wednesday February 12, 9:30-10:45 am
- Wednesday March 11, 9:30-10:45 am
- Wednesday April 22, 9:30-10:45 am

One cumulative two-hour final exam

- Wednesday May 6, 7:30-9:30 am

The lowest of these four scores will be dropped. After dropping the lowest score, each test/exam will count for 25% of the final grade, for a total of 75%.

Written homework:

- Due the Wednesday of the following week, at the beginning of the class.
- Good training for quizzes and tests.
- You can ask for an extension (until one week after the due date and without penalty) for at most 2 homework assignments during the entire semester.

Quizzes (almost) every Wednesday:

- 10-15 minutes.
- At the beginning of the class.
- Exercises, definitions, statement of theorems, easy proofs etc.

Well, I can not guarantee that:

You go to class => you will succeed...

... but I can guarantee that:

You skip class => you won't pass!

Moreover, if you come constantly to class, you will be rewarded!

There will be extra credits assigned based on **attendance**. You can get up to an additional 3% on the final grade, according to the following scale:

- 3%: 0 unexcused absence
- 2%: 1 unexcused absences
- 1%: 2 unexcused absences
- 0% \geq 3 unexcused absences

- You are responsible for any announcement given either in class or on Canvas.
- Cell phones are strictly forbidden in class.
- Class is from 9:30 am to 10:45 am. 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

FIRST DAY ATTENDANCE

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 entire logo is set against a background of overlapping geometric shapes in shades of green, yellow, and grey.

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