

# MATH 104 Syllabus (LEC 004)

UC Berkeley, Summer 2021

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**Course title:** Introduction to Analysis

**Course description:** The real number system. Sequences, limits, and continuous functions. Metric spaces. Uniform convergence, interchange of limit operations. Infinite series. Mean value theorem and applications. The Riemann integral.

**Textbook:** Elementary Analysis: The Theory of Calculus, 2nd edition by Ross

**Instructor:** Theodore Zhu

**Email:** [tdz@berkeley.edu](mailto:tdz@berkeley.edu)

**Live sessions:** MTuWTh 4:10pm - 6:00pm PDT

Attendance is not mandatory, and all sessions will be recorded and posted on bCourses.

**Office hours (tentative):** Tu 9-10pm, Th 1-3pm PDT

**Zoom Meeting ID:** 229 382 5278; <https://berkeley.zoom.us/my/tdz104>

**Homework:** There will be 7 graded homework assignments. Homeworks will be due every Friday by 11:59pm PDT via Gradescope. Collaboration is welcome and encouraged, but each student must turn in his or her own assignment. At the end of the term, the lowest homework score for each student will be dropped.

## Exams:

- Midterm: Thursday, July 15, 4:10pm-6:00pm PDT

- Final: Thursday, August 12, 4:10pm-6:00pm PDT

Note: There will be one alternative exam time for each exam, and this option will only be available to students who provide legitimate reasons.

## Grading:

- Course components will be weighted for each student as the better of:

HW 30%, MT 30%, F 40%, or

HW 30%, F 70%.

- Important dates: The last day to add or drop this course is Friday, July 2. The last day to change your grading option is Friday, August 6.

- Incomplete grades will be assigned only to students with a documented medical, personal or family emergency prior to completion of the course. Students receiving such grades are required to have been doing work of passing quality up to the intervention of the emergency.

## Links:

[bCourses](#)

[Piazza](#)

[Gradescope](#)

[Past Exams](#)