Welcome to this unprecedented offering of Math 121B! Everything is online via Zoom. Probably a million things are going to go wrong. But we will roll with the punches. And you are going to learn some really cool math!

Course: Math 121B. Foundations of Teaching and Learning Mathematics II. Lectures meet TuTh from 11:00 am –12:20 pm PST on the interwebs. Discussion section meets on Fridays from 5:00–5:50 pm PST, also on the interwebs.

Professor: Laura J. Stevens, AP&M 5832, 534-5864, stevens@math.ucsd.edu, http://www.math.ucsd.edu/~stevens/121B.

Office hours via Zoom: Fridays from 8:30-9:50 am PST and Sundays from 9:30–10:50 am PST

Goal: To help you become an effective teacher by advancing your knowledge of mathematical content and pedagogy.

Textbook: No text is required.

Attendance: Virtual attendance is required, and attendance and participation count for 10% of your final course grade. Attendance at discussion sections is also mandatory for learning, but it does not count towards your course grade. Please note that to account for the possibility of an emergency, you may miss one class meeting without any penalty.

Homework: Homework will be assigned each week and due by 5:00 pm on the indicated due date. Assignments will be posted on the course website. Please turn in your homework via Gradescope. No late homework will be accepted, but I will drop your lowest homework score to account for the possibility that you may miss one homework in the case of an emergency.

You are welcome to collaborate with your classmates on homework assignments, as group work can be quite beneficial, but please do so within limits. Please begin by attempting the problems on your own. If you find yourself stuck or would like constructive criticism, feel free to share your ideas with your classmates, myself, or your TA, but your final write-ups of your solutions should be done independently.

Quizzes and Exams: There will be two quizzes, a midterm exam, and a final exam, all proctored via Zoom. Please see the course calendar for the dates of the quizzes and exams. Please note:

- The quizzes and exams must be taken on the scheduled dates at the scheduled times; you will not be allowed to make up quizzes or exams or take them early.
- All quizzes and exams will be closed notes.
- You must pass the final exam in order to pass the course.

Grades: Your cumulative average will be the best of the following four weighted averages:

- 10% lecture attendance and participation, 10% homework, 5% quiz one, 5% quiz two, 30% midterm exam, 40% final exam
- 10% lecture attendance and participation, 10% homework, 5% best quiz, 30% midterm exam, 45% final exam
- 10% lecture attendance and participation, 10% homework, 5% quiz one, 5% quiz two, 35% midterm exam, 35% final exam (scheme added to weight midterm and final equally)
- 10% lecture attendance and participation, 10% homework, 5% quiz one, 5% quiz two, 40% midterm exam, 30% final exam (scheme added to benefit students who perform better on midterm than on final)

Recipe for Success: Think about mathematics every day. Do mathematics every day.