

Syllabus Math 3B Summer B 2021

Instructor: Mychelle Parker (she/her)

Email: mychelleparker@math.ucsb.edu

Office Hours: Tuesdays 5 - 6 pm, Wednesdays 10 - 11 am, Thursdays 10 - 11 am, or by appointment
Office hours will be held via Zoom (link on Gauchospace.)

TA: Charles Kulick

Email: charleskulick@ucsb.edu

Office Hours: Tuesdays 11 am - 12 pm

TA: José Zavala-Fonseca

Email: TBA

Office Hours: TBA

Recommended Text: *Calculus: Early Transcendentals*, 9th edition, by James Stewart. Other editions are also fine. Buying the textbook is optional. The homework will be completed online and no reading from the textbook will be assigned. However, the textbook does contain additional examples and practice problems, so you may find it useful.

Course Topics: Integral calculus including definite and indefinite integrals, techniques of integration, with applications in mathematics and physics. Infinite series and sequences.

Course Websites: We will be using the following websites as part of this course

- **Gauchospace:** This is the main website for this class containing all course information.
- **WebWork:** Online homework assignments will be assigned through this website
- **Gradescope:** Weekly quizzes and exams will be completed using Gradescope.

Links to all other websites can be found on the class Gauchospace page.

Lectures: Each Sunday the recorded video lectures for the week will be posted on Gauchospace. Each lecture corresponds to a day of class. I recommend you watch one lecture each day and then complete the corresponding homework (details below).

Section: Twice a week you should attend section if possible. Sections will be held on Zoom by one of the TAs at the following times

- MW 3:30 pm - 4:20 pm
- TR 3:30 pm - 4:20 pm
- TR 4:30 pm - 5:20 pm

The links for all sections can be found of Gauchospace.

Attendance: Attending the sections/watching the lectures is not required, however it is highly recommended that you attend. If you choose not to attend you are still responsible for all information that was covered during the class period.

Quizzes: Quizzes will be given once a week and be turned in through Gradescope. You will be allowed to view course material while taking the quiz and you are encouraged to work together. However, using outside online sources is not allowed.

Homework: For each lecture there will be a corresponding homework assignment on WebWork. These assignments will be posted on Sundays and due the following Saturday night at 11:59 PM.

Even though WebWork only asks for the final answer, I recommend that you practice writing full solutions to all WebWork problems, since you will need to be comfortable doing this on exams and quizzes.

Exams: There will be three midterm exams this quarter. The tentative dates for the exams are listed below. Any changes to when the exams will be given will be announced in lecture, during section, and on Gauchospace.

The first midterm will be due on Monday, August 16th

The second midterm will be due on Monday, August 30th

The third midterm will be due on Friday, September 10th

All exams will be completed through Gradescope. You may use course notes and videos on exams, but no outside references. No calculators or external help is allowed. All work must be justified.

Grading: Final course grades will be based on:

Homework	30%
Quizzes	25%
Midterm 1	15%
Midterm 2	15%
Midterm 3	15%

Grading Scale: Final grades will be distributed as below.

A	93 – 100%
A–	89 – 92%
B+	86 – 88%
B	83 – 85%
B–	80 – 82%
C+	76 – 79%
C	72 – 75%
C–	70 – 71%
D	60 – 69%
F	0 – 59%

Final grades may be curved at the discretion of the instructor but it is not guaranteed.

Pass/No Pass: If you are taking the class as Pass/No-Pass, be aware that a grade of C or above will result in a Pass (P), while a grade of C- or below will result in No-Pass (NP).

Academic Integrity: Peer collaboration on homework and quizzes is encouraged; however, you are expected to turn in your own work for the final result. On exams you are expected to do your own work without consulting outside sources such as classmates, Math Lab, or other online recourses. Anyone caught cheating will receive a zero on that assignment, quiz, or exam and will be reported to the Office of Student Conduct. Please be honest and follow the guidelines given for each assignment!

DSP: I am very willing to work with you to make sure the course is accessible: please just let me know what you need. More information about DSP and possible accommodations can be found at the following website: <https://dsp.sa.ucsb.edu/>.

Time Zones: All times for the class will be given in PDT (the time zone for California). If you are in another time zone please be sure to convert these times to match where you are.

Possible Changes: The information given in the syllabus may change during the quarter. All changes will be announced on the course Gauchospace page.