

Syllabus Math 3B Summer B 2020

Instructor: Mychelle Parker (she/her/hers)

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Office Hours: Tuesdays 10:00 - 11:00 am, Wednesdays 2:00 - 3:00 pm, Thursdays 6:00 - 7:00 pm, or by appointment.

Office hours will be held via Zoom (link on Gauchospace.)

TA: Andrew Gracyk (he/him/his)

Email: andrewgracyk@ucsb.edu

Office Hours: Wednesdays 12:00 - 1:00 pm (link on Gauchospace)

TA: José Zavala-Fonseca (he/him/his)

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 because the homework is completed through Gauchospace 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.

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

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

The links for all sections can be found of Gauchospace.

Attendance: Attending the sections 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. Quizzes will be open book and you are encouraged to work together, however, using a calculator or looking up the answer online 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 two midterm exams and one Final Exam. The tentative dates for the exams are listed below. Any changes to when the exams will be given will be announced during section and on Gauchospace.

The first midterm will be due on Monday, August 17th

The second midterm will be due on Monday, August 31st

The Final Exam will be due on Friday, September 11th

All exams will be posted on Gauchospace and submitted on 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	25%
Quizzes	30%
Midterm 1	15%
Midterm 2	15%
Final Exam	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 up (never down) 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 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. 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 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.