Syllabus Math 3B Summer A 2023

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Instructor: Mychelle Parker (she/her)
Email: mychelleparker@math.ucsb.edu
Office Hours: TWR 10:15 - 11:15 am or by appointment.
Office: South Hall 6431M
Math Lab Hours: M 11- 4pm, T 2 - 4 pm, W 12 - 1 pm
Math Lab: SH 1607

TA: Aaron Kennon
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Office Hours: TBA
Math Lab Hours: R 1-3 pm
Math Lab: SH 1607

Recommended Text: *Calculus: Early Transcendentals*, 9^{th} 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

- **Canvas:** 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 Canvas page.

Attendance: Attending lectures and 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.

Section: Twice a week you should attend section if possible. Sections will be held by Aaron at the following times:

- TR 11:00am - 11:50am in HSSB 1231
- TR 12:00pm - 12:50pm in HSSB 1231

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. Each week the quiz will be assigned on Wednesday and due Saturday night at 11:59 pm.

Being able to compute mathematics is a valuable skill to have, however, it is equally important to be able to communicate mathematics. As a result quizzes (and exams) will be graded both on correctness and on clearly communicating all work with correct notation.

Homework: For each lecture there will be a corresponding homework assignment on Webwork. These assignments will be posted on the day of the lecture. All homework assigned that week will be due 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 the exam dates will be announced in the lecture, by email, and on Canvas.

The first midterm will be given on July 10th

The second midterm will be given on July 24th

The third midterm will be given on August 3rd

All exams will be completed during class. For each exam, you may bring a single 3×5 inch index card of notes. No technology (calculators/phones/smart watches/tablets) will be allowed. All work must be justified. As mentioned above exams will be graded both on correctness and on communication. If you are unable to make it to class on the day of the exam, please contact me as soon as possible!

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/`.
If you need any exam accommodations, be sure to contact DSP before the date of our first exam.

COVID: Students are required to follow all campus COVID policies. It is highly recommended that everyone wear a mask while in the classroom. If you happen to get sick during the quarter, please stay home! If this happens let me know that you are unable to make it to class and together we can determine what would be the best way to prevent you from falling behind on the material. If you happen to be ill on an exam day please contact me as soon as possible.

Possible Changes: The information given in the syllabus may change during the quarter. All changes will be announced in class and by email.