

Math 1B- 03Y
(27491)
Calculus Fall 2023

Instructor: VINH NGUYEN

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Class Location and Time: MTWTh 08:30AM – 9:20 AM in person in MLC113.

Questions: Please email me if you have any questions and I will respond to your message or email within 24 hours. Otherwise, please resend.

Textbook: Calculus-Early Transcendental, 9th edition, by James Stewart

Calculator and other materials: I do not require a graphing calculator, but you are welcome to use it for your homework. During the exam, only scientific calculators are allowed. To prepare for quizzes and exams, I recommend that you should keep a notebook where you take notes and work on the problems throughout your homework. You should read the textbook before the class.

Attendance: This class is an in-person class. Students are expected to attend all classes on time. Please try your best to attend. Students who are absent more than four times may be dropped from the class. **However, it is the students' responsibility to drop by the appropriate deadline. Petitions to drop after the deadline will not be considered by the instructor.**

Homework: Homework is the key to success in this class. Plan for minimum of **TWO HOURS** to do homework for each class lesson.

Quizzes: There will be eight online quizzes on Canvas every Friday (see the schedule below). No makeup quizzes. I will drop the 2 lowest quizzes. Each quiz is worth 25 points. You have a maximum of two hours to submit the quiz online. It is open until midnight on Friday.

Midterms: Three midterm examinations will be given on the midterm exam day. No makeup exams. You are only allowed to use scientific calculators on the midterm exam day. The lowest midterm score will be replaced by the percentage of the final exam if the final percentage is higher.

Final Exam: One comprehensive examination will be given from **9:15 AM – 11:15 AM on Tuesday**. (This is school scheduled final exam time. It cannot be changed by the instructor.) Any students who miss the final will receive an F grade for the course.

Integrity: Please don't cheat. I will not tolerate any type of cheating. Corresponding school rules will be followed.

Grading Policy:

Homework	150 points (18.75%)
Quiz	150 points (18.75%)
Exam	300 points (37.5%)
Final	200 points (25%)
Total	800 points

Tentative Schedule:

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	Sept 25 5.1	Sep 26 5.1	Sep 27 5.2	Sep 28 5.2	Sep 29 Quiz #1
2	Oct 2 5.3	Oct 3 5.3,5.4	Oct 4 5.4+5.5	Oct 5 5.5+ Review	Oct 6 Quiz #2
3	Oct 9 6.1	Oct 10 6.1	Oct 11 6.2	Oct 12 6.2	Oct 13 Quiz #3
4	Oct 16 6.3	Oct 17 6.3	Oct 18 6.4	Oct 19 6.4	Oct 20 Quiz #4
5	Oct 23 6.5	Oct 24 Review	Oct 25 Exam #1	Oct 26 7.1	Oct 27 No Quiz
6	Oct 30 7.2	Oct 31 7.3	Nov 1 7.4	Nov 2 7.5	Nov 3 Quiz #5
7	Nov 6 7.6	Nov 7 7.7	Nov 8 7.8	Nov 9 Review	Nov 10 Quiz #6
8	Nov 13 Exam #2	Nov 14 8.1	Nov 15 10.2	Nov 16 8.2	Nov 17 Quiz #7
9	Nov 20 8.3	Nov 21 8.5	Nov 22 Review	Nov 23 No Class	Nov 24 No quiz
10	Nov 27 9.1	Nov 28 9.2	Nov 29 Review	Nov 30 Exam #3	Dec 1 No Quiz
11	Dec 4 9.3	Dec 5 9.4	Dec 6 Final Review	Dec 7 Final Review	Dec 8 Quiz #8
12 Final Week	Dec 11	Dec 12 Final Exam 9:15AM – 11:15AM	Dec 13		

Quarter Grade:

$\geq 95\%$	A+	75% - 77.9%	C+
90% - 94%	A	65% - 74.9%	C
88% - 89.9%	A-	60% - 64.9%	D+
85% - 87.9%	B+	58% - 59.9%	D
80% - 84.9%	B	55% - 57%	D-
78% - 79.9%	B-	0% - 54%	F

Homework Problems: This is the tentative one. I will add or delete it depending on the situation. I recommend doing ALL the problems from the textbook.

Sections	Problems
5.1	1,4,7,13,21,25,27
5.2	1,4,7,10,17,20,23,28,30,33,37,40,56,57,64,70
5.3	1,4,7,10,13,16,19,22,25,28,31,34,37,40,43,59,62
5.4	1,4,7,10,13,16,21,24,27,30,33,36,37,39,42,45
5.5	1,4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,53,56,59,62,65,68,71
6.1	1,4,7,10,13,16,19,22,25,28
6.2	1,4,7,10,13,16,19,22,25,28,31,34,41,48,50,60,63,66
6.3	1,4,7,10,13,16,19,22,25,31,37,40,47
6.4	1,4,7,10,13,16,19,22,24,25,28
6.5	1,4,7,10,13,16,19,22,25,26
7.1	1,4,7,10,13,16,19,22,25,28,31,34,37,40,47,50,53,61,72
7.2	1,4,7,10,13,16,19,22,25,28,31,34,37,40,43,46,49
7.3	1,2,4,5,7,8,10,11,13,14,16,17,19,20,22,23,25,26,28,29,31,32
7.4	1,2,3,4,5,6,7,10,13,16,19,22,25,28,31
7.5	1,6,11,16,21,26,31,36,41,46,51,56,61,66,71,76,81
7.6	1,4,7,10,13,16,19,22,25,28,31
7.7	1,6,10,16,21,27
7.8	1,2,5,8,11,14,17,20,23,26,29,32,35,38,49,51,54,59
8.1	1,4,7,10,13,16,19,25,33,35,39
10.2	35,37, 43,47,49,57,71,75
8.2	1(a),4(a),7,10,13,16,27,33,35,37
8.3	1,4,7,10,14,22,23,25,28,30,33,35
8.5	1,5,6,8
9.1	1,4,7,10,13
9.2	1,4,7,10,13,21,24
9.3	1,4,7,10,13,16,19,22,29,32,45,46,47
9.4	3,5,11,13,18

Each section is worth 6 points. There are 27 sections in total. So, you can **get up to 162 points**. That's mean it will be **12 points (1.5%)** extra that you can get throughout the quarter. I will grade it based on completeness. I will collect it on the exam day unless I announce it on specific day.

Disabled Services: Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to <https://www.deanza.edu/dsps/dss/>

Tips for Success:

- If you ever have any questions, email me! You are welcome to send an email whenever you need help!
- Visit the Online Tutoring Center.
- Get to know your classmates and study together.
- Copy the notes from all lectures, participate in class, practice to do your homework.
- Read the sections to be discussed in class prior to the lecture.
- Again, seek help if you are feeling behind the class.

Student Learning Outcome(s):

- Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
- Formulate and use the Fundamental Theorem of Calculus.
- Apply the definite integral in solving problems in analytical geometry and the sciences.

Office Hours:

In-Person S55 M,T,W,TH 10:35 AM 11:05 AM