

Math 1B: Calculus II – Winter 2025
Monday through Friday 11:30 am – 12:20 pm in G-1

Instructor: Cheryl Jaeger Balm

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Office number: S-76g

**This is an IN-PERSON class which requires you to be
on campus five days a week.
All quizzes and exams will be in-person.**

Student resources:

- **Your classmates:** Form study groups, virtual and in-person, to learn from one another.
- **MSTRC (Math, Science and Technology Resource Center) in S-43:** Free workshops and peer tutoring in-person and via Zoom are available. Hours and more information can be found here <https://www.deanza.edu/studentsuccess/>.
- **Your instructor:** Come to office hours, and start your assignments early so you can ask questions in office hours. If you are not available during office hours, you can make an appointment to see me at another time, in-person or on Zoom. **Do not wait until you are drowning to get help!**
- **Your time:** Expect to spend up to 10 hours a week outside of class studying and working on homework. *Schedule these study hours just as you would work or class!*

Office Hours
Physical Sciences and Technology Village (S-55)
Mondays 1:00 – 2:30 pm
Wednesdays 1:30 – 2:30 pm
Thursdays 1:00 – 2:30 pm

Student Learning Outcomes (aka what I hope you can do at the end of Math 1B):

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

Textbook: Stewart, *Calculus Early Transcendentals* (9th edition)

You may use a physical or digital copy of the book; you do not need WebAssign.

Canvas: The class calendar, updates and announcements will be posted on Canvas, which you can access through MyPortal. I recommend that you also download the Canvas app if you have a smart phone. **Canvas Inbox is the best way to email your instructor.**

Once you have accessed **Canvas**, please go to Account → Notifications and adjust your **Notification Preferences** so that you have selected “**Notify me right away**” for Announcement, Submission Comment and Conversation Message. Other notification settings are up to you.

Attendance: You are expected to be present **in-person** for all class meetings. If you miss a class, you are responsible for covering the material before you return to class. You should read the corresponding section(s) of the textbook and get notes from a classmate. You are also responsible for knowing about any changes to the syllabus and/or schedule that may be announced in class. Please stay home if you are not feeling well or awaiting results from a COVID test; otherwise you should plan to attend all class meetings.

Calculators: A scientific calculator *without* graphing capabilities is required for this class and should be brought with you to each class meeting. In addition, you may need to use the graphing website [desmos.com](https://www.desmos.com) or a graphing calculator for some homework problems.

Cell phones and other devices: You may bring a laptop or tablet to class to access your eBook or to take notes. However, cell phones, tablets, laptops and other electronic devices must not become a distraction to you or your classmates. If I see or hear you using a device during class to access unrelated content or in a distracting manner, I may confiscate the device until the end of that class meeting. You will not be allowed to use a cell phone or tablet during any quizzes or exams.

Homework: You will be given a list of suggested homework problems in Canvas for each section that we cover in the textbook. This homework will NOT be graded. However, solving these problems is essential to understanding the class material and to passing your quizzes and exams. After each class, you are expected to work on all relevant assigned problems before the next class meeting. *Do not fall behind!*

Quizzes: There will be eleven (11) in-class quizzes throughout the quarter. **You will be allowed to use your homework during all quizzes.** All homework used during a quiz must be stapled to your quiz when you turn it in. If you do your homework on a tablet, you must print it out to be allowed to use it during the quiz. Missed quizzes will receive a 0. **Any quiz grades lower than the following midterm exam grade, as a percent, will be replaced by that midterm grade. No make up quizzes will be given for any reason.** All quiz dates are on the calendar below.

Exit tickets: You will be given an exit ticket to turn in at the end of each class meeting. You must be present in class to complete the exit ticket. There will be no exit tickets on quiz or exam dates. You may have up to five (5) dropped grades for missing exit tickets.

Midterm Exams: There will be three (3) in-class, closed-book midterm exams. Each midterm will focus on the material covered since the last exam. All midterm exam dates are on the calendar below. **If your one (1) lowest midterm exam grade is lower than your final exam grade, as a percent, that midterm grade and any relevant corresponding quiz grades will be replaced your final exam grade. No make up exams will be given for any reason.**

Final Exam: Your final exam will be in-person Monday, March 24, 11:30 am – 1:30 pm. It will be cumulative.

Course Grades:

Exit Tickets	11 Quizzes	3 Midterms	Final
10%	30%	45% (15% each)	15%

Grade	A	B	C	D
Overall percent	≥ 90	≥ 80	≥ 70	≥ 60

Important Dates for Winter Quarter 2025:

- Sun., Jan. 19: Last day to add classes or to drop a class for a full refund and with no record of grade.
- Fri., Mar. 1: Last day to drop with a “W.”

Disability Statement: De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Programs and Services (DSPS) if you have any physical, psychological or other disabilities, vision or hearing impairments or ADD/ADHD. More details can be found here <https://www.deanza.edu/dsps/>

Academic Integrity: Learning involves the pursuit of truth, which cannot occur by presenting someone else’s work as your own. Each student must pursue their academic goals honestly and be personally accountable for all submitted work. **Representing another person’s work and/or AI-generated work as your own is always wrong.** Any suspected instance of academic dishonesty on any assignment will be reported to the college and may result in a 0 on the assignment and/or a failing grade in the class. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to https://www.deanza.edu/policies/academic_integrity.html.

Tentative class schedule (subject to change):

Week	Monday	Tuesday	Wednesday	Thursday	Friday
Wk 1: Jan. 6-10	Class introduction	5.1	5.2	7.7A	7.7B
Wk 2: Jan. 13-17	QUIZ 1 (5.1, 5.2)	7.7C	5.3	QUIZ 2 (7.7)	5.4
Wk 3: Jan. 20-24	NO CLASS	5.5	7.6	QUIZ 3 (5.3-5.5)	7.1
Wk 4: Jan. 27-31	Review	EXAM 1 (5.1-5.5, 7.6, 7.7)	7.4A	7.4B	7.2A
Wk 5: Feb. 3-7	QUIZ 4 (7.1, 7.4)	7.2B	7.3A	7.3B	7.5
Wk 6: Feb. 10-14	QUIZ 5 (7.2, 7.3)	7.8	QUIZ 6 (7.5)	6.1A	NO CLASS
Wk 7: Feb. 17-22	NO CLASS	Review	EXAM 2 (7.1-7.5, 7.8)	6.1B	6.2A
Wk 8: Feb. 24-28	QUIZ 7 (6.1)	6.2B	6.2C	6.3	8.1
Wk 9: Mar. 3-7	QUIZ 8 (6.2, 6.3)	8.2	10.2A	QUIZ 9 (8.1, 8.2)	10.2B
Wk 10: Mar. 10-14	Review	EXAM 3 (6.1-6.3, 8.1, 8.2, 10.2)	6.4 & 8.5	9.1	9.3
Wk 11: Mar. 17-21	QUIZ 10 (6.4, 8.5)	9.4	Review	QUIZ 11 (9.1, 9.3, 9.4)	Review
Wk 12: Mar. 24	FINAL EXAM 11:30 – 1:30				

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- 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	S-55	M,TH	1:00 PM	2:30 PM
In-Person	S-55	T	1:30 PM	2:30 PM