Math 1 B – 57Z: Calculus II (5 Units)

DeAnza College

Fall 2025 | CRN: 28948 | Asynchronous Online via Canvas

Instructor: Nahrin Rashid
Email: rashidnahrin@fhda.edu
Preferred Contact: Canvas Inbox
Office Hours via Zoom: Monday 2:00 - 4:00 and 6:15 – 7:35 PM or by appointment

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Instructor Support

I understand that learning calculus—especially online—can be challenging at times. Please know that I'm here to help you succeed. Don't hesitate to reach out with questions or concerns. Communication is key!

- **Best Contact Method:** Canvas Inbox or email
- **Office Hours Response:** I try to respond immediately during office hours
- **Other Times:** I'll respond within 48 hours

To message me through Canvas: click "Inbox" in the global navigation menu.

Prerequisite

MATH 1A or MATH 1AH

Course Description:

This course examines the fundamentals of integral calculus.

Textbook:

Calculus: Early Transcendentals (9th Edition) by James Stewart

- **Required:** WebAssign access (comes bundled with eBook)
- **Cost:** $60 from Cengage

Calculator:

- **Required:** Basic scientific calculator (e.g., TI-30XIIS)
- **Optional (for homework only):** TI-83/84 or online apps like Desmos Scientific
- **Not allowed on exams:** TI-83/84 or graphing calculators

💻 Required Software: WebAssign

You'll complete all homework, quizzes, and exams through WebAssign.

1. Go to www.webassign.net
2. Register using this **Class Key: deanza 8746 1413**
3. Set up your account by **Friday, September 26** or you may be dropped

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💡 Course Expectations

Academic honesty is expected at all times. Submitting another person's work is considered **cheating or plagiarism**, and will result in a **zero on the assignment** and a report to the **Dean of the PSME Division**.

💬 Weekly Discussions (5%)

- Participate in weekly Canvas discussions
- Ask questions, share insights, and reply to peers
- These posts help build our learning community and are worth 5% of your grade

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Homework (15%)

- Assigned several times weekly via WebAssign
- Due by **10:00 AM** on the posted due date
- **Log in daily** to stay on track
- Use the **"Ask My Instructor"** feature in WebAssign for help
- **Lowest homework score is dropped**
- **Extension Policy:** Up to **5 extension requests** allowed during the quarter

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Quizzes (20%)

- Weekly online quizzes via WebAssign
- **Time Limit:** 1 hour per quiz
- **No make-up quizzes**
- **Lowest quiz score dropped** (no makeup exams given)
- Plan ahead and manage your time!

Midterm Exams (40%)

- **Four midterms** delivered via WebAssign
- **Time Limit:** 2 hours per exam
- Covers lecture, textbook, and online materials
- **Lowest exam score dropped** (no makeup exams given)

Final Exam (20%)

- **Date:** Monday, December 8
- **Format:** Online, comprehensive
- **Required:** If you miss the final, you will not pass the course

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Accessibility Accommodations

If you have a documented disability and require accommodations, or need help during an emergency, please notify me **as early as possible** so I can support your learning.

Grading Breakdown

A+: 99% and above	**B+: 87 - 89%**	**C+: 77 - 79%**	**D: 63 - 66%**
A: 93 - 98%	**B: 83 - 86%**	**C: 70 - 76%**	**D-: 60 - 62%**
A-: 90 - 92%	**B-: 80 - 82%**	**D+: 67 - 69%**	**F: < 60%**

Tentative Schedule for Math 1B, Fall 2025

Week 1	**Section 5.1, Section 5.2**
Week 2	**Section 5.3, Section 5.4, Section 5.5**
Week 3	**Section 6.1, Section 6.2** **Exam 1: Wednesday October 8 (Section 5.1 – 5.5)**
Week 4	**Section 6.3, Section 6.4*, Section 6.5***
Week 5	**Section 7.1, Section 7.2**
Week 6	**Section 7.3, Section 7.4** **Exam 2: Monday, October 27 (Section 6.1 – 6.5)**
Week 7	**Section 7.5, Section 7.6, Section 7.7**
Week 8	**Section 7.8, Section 8.1** **Exam 3: Wednesday, November 12 (Section 7.1 – 7.5)**
Week 9	**Section 8.5*, Section 9.1**
Week 10	**Section 9.2, Section 9.3**
Week 11	**Section 10.2*** **Exam 4: Monday, December 1 (Section 7.6 - 7.8 & 8.1, 8.5)**
Week 12	**Finals Week** **Final Exam: Monday, December 8 (Comprehensive)**

This syllabus is subject to change at the instructor's discretion.

Important Dates

- The last day to add classes is October 5, 2025.
- The last day to drop for a full refund and without a “W” is October 5, 2025.
- Veterans Day Holiday - no classes, offices closed is November 11, 2025.
- Last day to drop classes with a “W” is November 14, 2025.
- Thanksgiving Holiday – no classes, office closed, November 27-30, 2025.
- Final Exam Week – December 8 -12, 2025.

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:

M	2:00 PM - 4:00 PM	Zoom