🟦 Math 1B – 58Z: Calculus II (5 Units)

DeAnza College

Course Overview

Course: Math 1B – Integral Calculus, Spring 2026

Format: Asynchronous Online via Canvas

Instructor: Nahrin Rashid

Email: rashidnahrin@fhda.edu

📬 **Preferred Contact:** Canvas Inbox

Office Hours via Zoom, Tuesday 4:45–8:00 PM or by appointment

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Required Materials

Textbook: *Calculus: Early Transcendentals*, 9th Edition by James Stewart

WebAssign: All homework, quizzes, and exams done here

Calculator: Basic scientific calculator required; TI-83/84 optional for homework, not allowed on exams

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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.

Tutoring Services

On Campus in S-43 (MATH course tutoring only)

- Monday through Thursday 9am to 6pm
- Friday, Saturday and Sunday CLOSED

On Zoom Peer Tutoring

- Monday through Thursday 9am to 6pm
- Friday 9am-12:30pm
- Saturday and Sunday CLOSED

For drop-in tutoring outside these hours please use our online tutoring vendors (24/7 for most subjects)

📌 **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

💡 Course Expectations

Academic honesty is always expected. 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 Canvas 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
- No extensions allowed on discussions

📝 Homework (15%)

- Assigned several times weekly via WebAssign
- Due by **11:59 PM** on the posted due date
- **Log in daily** to stay on track
- Use the **"Ask My Instructor"** feature in WebAssign for help
- **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**

🧪 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:** Tuesday, June 23
- **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%**

Important Dates

- The last day to add classes is April 19, 2026.
- The last day to drop for a full refund and without a “W” is April 19, 2026.
- Memorial Day Weekend - no classes, offices closed, May 23 – 25, 2026.
- Last day to drop classes with a “W” is May 29, 2026.
- Juneteenth Holiday - no classes, offices closed, June 19, 2026.
- Final Exam Week – June 22 – 26, 2026.

Tentative Schedule for Math 1B, Spring 2026

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: Thursday, April 23 (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: Tuesday, May 12 (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: Thursday, May 28 (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: Tuesday, June 15 (Section 7.6 - 7.8 & 8.1, 8.5)**
Week 12	**Finals Week** **Final Exam: Tuesday, June 23 (Comprehensive)**

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

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:

Zoom	T	4:45 PM - 8:00 PM