

Math 1A – 61Z: Calculus (5 Units)

Summer 2025 | CRN: 13662 | Asynchronous Online via Canvas

Instructor: Nahrin Rashid

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 **Preferred Contact:** Canvas Inbox



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

You must have completed one of the following with a grade of C or better, or have an appropriate score on the Calculus Placement Test (within the last year):
MATH 32, 32H, 43, or 43H

Course Overview

Course Description:

An introduction to the fundamentals of **differential calculus**, focusing on limits, derivatives, and applications.

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
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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 1927 5241**
 3. Set up your account by **Friday, July 4** or you may be dropped
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Course Expectations

Student Conduct:

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!
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Midterm Exams (40%)

- **Three midterms** delivered via WebAssign
 - **Time Limit:** 2 hours per exam
 - Covers lecture, textbook, and online materials
 - **Lowest exam score dropped** (no makeup exams given)
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Final Exam (20%)

- **Date:** Thursday, August 7
 - **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

Week 1	Section 2.1, 2.2, 2.3, 2.5 July 4 Independence Day holiday - no classes; offices closed
Week 2	Section 2.6*, 2.7, 2.8, 3.1 Exam 1: Thursday, July 10 (Section 2.1, 2.2, 2.3, 2.5, 2.6, 2.7)
Week 3	Section 3.2, 3.3, 3.4, 3.5
Week 4	Section 3.6, 3.9, 3.10, 4.1, 4.2 Exam 2: Monday, July 21 (Section 2.8, 3.1, 3.2, 3.3, 3.4, 3.5)
Week 5	Section 4.3, 4.4, 4.5, 4.7 Exam 3: Thursday, July 31 (Section 3.6, 3.9, 3.10, 4.1, 4.2, 4.3, 4.4)
Week 6	Section 4.8, 4.9, 10.1, 10.2 Final Exam comprehensive, Thursday, August 7

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

Student Learning Outcome(s):

- Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
- Evaluate the behavior of graphs in the context of limits, continuity and differentiability.
- Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

Office Hours: