

# **Math 1A – 53Z: Calculus (5 Units)**



Winter 2026 | CRN: 38440 | 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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## **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.

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## **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**

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## **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](http://www.webassign.net)
  2. Register using this **Class Key: deanza 2907 0871**
  3. Set up your account by **Friday, January 9** 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**.

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## 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
  - **Extension Policy:** Up to **5 extension requests** allowed during the quarter
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## Quizzes (20%)

- Weekly online quizzes via WebAssign or in-person
  - **Time Limit:** 1 hour per quiz
  - **No make-up quizzes**
  - Plan ahead and manage your time!
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## 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)
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## Final Exam (20%)

- **Date:** Tuesday, March 24
  - **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.

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## Grading Breakdown

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

## Tentative Schedule

### Tentative Schedule for Math 1A, Winter 2026

<b>Week 1</b>	<b>Section 2.1, Section 2.2</b>
<b>Week 2</b>	<b>Section 2.3, Section 2.5, Section 2.6</b>
<b>Week 3</b>	<b>Section 2.7, Section 2.8 Exam 1: Thursday, January 22 (Section 2.1, 2.2, 2.3, 2.5, 2.6)</b>
<b>Week 4</b>	<b>Section 3.1, Section 3.2, Section 3.3</b>
<b>Week 5</b>	<b>Section 3.4, Section 3.5</b>
<b>Week 6</b>	<b>Section 3.6, Section 3.9 Exam 2: Tuesday, February 10 (Section 2.7, 2.8, 3.1, 3.2, 3.3)</b>
<b>Week 7</b>	<b>Section 3.10, Section 4.1, Section 4.2</b>
<b>Week 8</b>	<b>Section 4.3, Section 4.4 Exam 3: Thursday, February 26 (Section 3.4, 3.5, 3.6, 3.9, 3.10)</b>
<b>Week 9</b>	<b>Section 4.5, Section 4.7</b>
<b>Week 10</b>	<b>Section 4.8, Section 4.9</b>
<b>Week 11</b>	<b>Section 10.1, Section 10.2 Exam 4: Tuesday, March 17 (Section 4.1, 4.2, 4.3, 4.4, 4.5)</b>
<b>Week 12</b>	<b>Finals Week Final Exam: Tuesday, March 24 (Comprehensive)</b>

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

## **Important Dates**

- The last day to add classes is January 18, 2026.
- The last day to drop for a full refund and without a “W” is January 18, 2026.
- Martin Luther King Jr. Holiday - no classes, offices closed on January 19, 2026.
- Presidents' Holiday - no classes, offices closed on February 13 – 16, 2026.
- Last day to drop classes with a “W” is February 27, 2026.
- Final Exam Week – March 23 – 27, 2026.

**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:**

T      4:45 PM - 8:00 PM

Zoom