

■ Math 1B – 23: Calculus II (5 Units)



Course Overview

Course: Math 1B – Integral Calculus, Spring 2026

Format: In-person TTh 1:30 – 3:45 PM in MLC113

Instructor: Nahrin Rashid

Email: rashidnahrin@fhda.edu

 **Preferred Contact:** Canvas Inbox

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

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

Instructor Support

It can be frustrating when you need help, so please know that I am here to help you manage challenges and any frustration you may experience with the course. Please maintain close contact with me and I will do my best to support you.

- Best Contact Method: Canvas Inbox or email
- 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](#)
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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
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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**
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Midterm Exams (40%)

- **Four midterms** in-person 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, 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