📘 Math 1B – 34: Calculus II (5 Units)

Course Overview

Course: Math 1B – Integral Calculus, Spring 2026

Format: In-person TTh 11:00 AM – 1:15 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

I t 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

💡 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

---

✏️ Quizzes (20%)

- Weekly online quizzes via WebAssign
- **Time Limit:** 1 hour per quiz
- **No make-up quizzes**

🧪 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)

🧠 **Final Exam (20%)**

- **Date:** Tuesday, June 23
- **Required:** If you miss the final, you will not pass the course

---

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