

Course Syllabus: Calculus II

College of Science and Mathematics

Math 1734 Section 201

Spring 2026

Contact Information

Instructor: Joel Schmitter

Office: Bolin 122L

Office hours: MTR 9:00-10:00AM

TR 1:30-2:30PM

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Textbook & Instructional Materials

Calculus Early Transcendentals 9E Stewart

Course Description

Learning Objectives:

1. Use the concepts of definite integrals to solve problems involving area, volume, work, and other physical applications.
2. Use substitution, integration by parts, trigonometric substitution, partial fractions, and tables of anti-derivatives to evaluate definite and indefinite integrals.
3. Define an improper integral.
4. Apply the concepts of limits, convergence, and divergence to evaluate some classes of improper integrals.
5. Determine convergence or divergence of sequences and series.
6. Use Taylor and MacLaurin series to represent functions.
7. Use Taylor or MacLaurin series to integrate functions not integrable by conventional methods.
8. Use the concept of polar coordinates to find areas and lengths of curves.

lecture topics: Applications of Integration; polar coordinates; techniques of integration; sequences and series; improper integrals.

Student Handbook

Refer to: [Student Handbook](#)

Academic Misconduct Policy & Procedures

Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct. [Office of Student Conduct](#)

Grading

Table 1: Points allocated to each assignment

Quizzes (10 pts each)	100
4 Exams	400
Final Exam	150
Total Points	650

Table 2: % of total points needed for final grade.

Grade	Points
A	90%
B	80%-89%
C	70%-79%
D	60%-69%
F	Less than 60%

Quizzes

There will be 9 or 10 quizzes during the semester. They will be announced the class period before they are given and you will be given 10 to 15 minutes at the beginning of the class period to complete them.

Exams

There will be 4 exams during the semester. You will have the full class period to complete them. Each is worth 100 points or 15.38% of your grade.

Final Exam

The Final exam will be comprehensive and will count 150 points toward your overall grade. You will be given 2 hours to complete the final exam.

Extra Credit

No extra credit will be given

Make Up Work/Tests

. Missed quizzes cannot be made up. If you miss an exam you must arrange to makeup the exam before the next class period. Only one exam can be made up.

Important Dates

- Last day for term schedule changes: **January 23**
- Deadline to file for graduation: February 16
- Last Day to drop with a grade of "W:" **April 29**
- Refer to: [Drops, Withdrawals & Void](#)

Attendance

Students are expected to attend all meetings of the classes in which they are enrolled. Although in general students are graded on intellectual effort and performance rather than attendance, absences may lower the student's grade where class attendance and class participation are deemed essential by the faculty member. In those classes where attendance is considered as part of the grade, the instructor should so inform students of the specifics in writing at the beginning of the semester in a syllabus or separate attendance policy statement. An instructor who has an attendance policy must keep records on a daily basis. The instructor must give the student a verbal or written warning prior to being dropped from the class. Instructor's records will stand as evidence of absences. A student with excessive absences may be dropped from a course by the instructor. Any individual faculty member or college has the authority to establish an attendance policy, providing the policy is in accordance with the General University Policies.

Change of Schedule

A student dropping a course (but not withdrawing from the University) within the first 12 class days of a regular semester or the first four class days of a summer semester is eligible for a 100% refund of applicable tuition and fees. Dates are published in the Schedule of Classes each semester.

Refund and Repayment Policy

A student who withdraws or is administratively withdrawn from Midwestern State University (MSU) may be eligible to receive a refund for all or a portion of the tuition, fees and room/board charges that were paid to MSU for the semester. HOWEVER, if the student received financial aid (federal/state/institutional grants,

loans and/or scholarships), all or a portion of the refund may be returned to the financial aid programs. As described below, two formulas (federal and state) exists in determining the amount of the refund. (Examples of each refund calculation will be made available upon request).

Services for Students with Disabilities

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Student Wellness Center, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to [Disability Support Services](#).

College Policies

Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)

Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. Adult students may smoke only in the outside designated-smoking areas at each location.

Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

Campus Carry

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes has prohibited. The new Constitutional Carry law does not change this process. Concealed carry still

requires a License to Carry permit, and openly carrying handguns is not allowed on college campuses. For more information, visit [Campus Carry](#).

Active Shooter

The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor. Please review the information provided by MSU Police Department regarding the options and strategies we can all use to stay safe during difficult situations. For more information, visit [MSUReady – Active Shooter](#). Students are encouraged to watch the video entitled “*Run. Hide. Fight.*” which may be electronically accessed via the University police department’s webpage: [“Run. Hide. Fight.”](#)

Grade Appeal Process

Update as needed. Students who wish to appeal a grade should consult the Midwestern State University [MSU Catalog](#)

***Notice:** Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor.

Course Schedule:

Week Start Date	Activities/Assignments/Exams
Jan 20	6.1, 6.2
Jan 26	6.3, 6.4
Feb 2	7.1, 7.2
Feb 9	Review, Exam 1, 7.2
Feb 16	7.3, 7.4
Feb 23	7.5, 7.7
March 2	Review, Exam 2
March 16	7.8, 8.1
March 23	8.2, 11.1, 11.2
March 30	11.3, 11.4
April 6	11.5, 11.6, 11.7
April 13	Review, Exam 3
April 20	11.8-11.11
April 27	10.3, 10.4
May 4	Exam 4, Review for Final Exam
May 13	Final Exam, Wednesday 8:00-10:00AM