Integral Calculus

Last Updated: Tue, 12/30/2025

Course prefix: MATH

Course number: 1552

Section: G

CRN
27132

Instructor first name: Klara

Instructor last name: Grodzinsky (course coordinator)

Semester: Spring

Academic year: 2026

Course description:

Definite and indefinite integrals, techniques of integration, improper integrals, infinite series, applications.

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.

While students may collaborate on the weekly homework problems, any work turned in must be submitted individually by each student. Copying directly from classmates is not allowed. No collaboration of any kind, whether verbal, non-verbal, electronic or in-person, will be permitted on the exams.

Core IMPACTS statement(s) (if applicable):

This is a Core IMPACTS course that is part of the Mathematics area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help master course content, and support students’ broad academic and career goals.

This course should direct students toward a broad Orienting Question:

How do I measure the world?

Completion of this course should enable students to meet the following Learning Outcome:

Students will apply mathematical and computational knowledge to interpret, evaluate, and communicate quantitative information using verbal, numerical, graphical, or symbolic forms.

Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies:

Information Literacy

Inquiry and Analysis

Problem-Solving