

Fall 2019
Math 1571H: Honors Calculus

Lectures: MWF 10:10am–11:00am in Ford Hall, Room B10.

Discussion Sections: 011. TTh 09:05am–09:55am in Bruininks Hall 117, Katherine Weber.
012. TTh 10:10am–11:00am in Amudson Hall 156, Katherine Weber.

Office Hours:

Anar Akhmedov: MF 12:20pm–1:35pm, in Vincent Hall 355, akhmedov@math.umn.edu;
Katherine Weber (TA): TBA, webe0629@umn.edu;

Textbook: George Simons, *Calculus with Analytic Geometry*, second edition.

Course Prerequisites: Honors student and permission of University Honors Program. Credit will not be granted if credit has been received for: MATH 1271, MATH 1281, MATH 1371, MATH 1471.

Course Objectives: MATH 1571H is an honors calculus for students with a strong background in algebra, geometry, and trigonometry. We will apply the techniques of differential/integral calculus to find solutions to various problems in math, other sciences and engineering. The emphasis will be on problem solving rather than theory.

Course Web Page: www.-users.math.umn.edu/~akhmedov/MATH1571F19

Homework and Quizzes: 100 points in total.

There will be a weekly homework assignment. The homework will normally be due on Thursday, in your discussion section. Please check the course website for the list of homework problems, their due dates and for further details. There will be three quizzes, one before each midterm, which will be held in your discussion section.

Midterm Exams: 75 points each.

I. Friday, October 4:

II. Wednesday, November 6:

III. Wednesday, December 4:

Final Exam: 175 points. Friday, December 13, 12:00–3:00 PM.

Notes, books, or graphing calculators will not be permitted for exams, but you may use a basic scientific calculator for computational purposes. Please check the course website for further details regarding the exams.

Course Total: 500 points.