

Math 2144 section 703: Honors Calculus I

MTWR 11:30-12:20, AGH 119

Instructor: Jeff Mermin
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Course web page: <http://www.math.okstate.edu/~mermin/2144/>
Webassign: <http://www.webassign.net/login.html>
Desire2Learn: <https://oc.okstate.edu> (then log in and find our course).

Office Hours TBA or by appointment.

Subject matter This course deals with limits, derivatives, and integrals of functions - our methods for determining an object's infinitesimal or "local" properties, and relating them to its global properties.

Relationship to other courses Math 2144 is the first course in the Calculus sequence. The usual sequel is Math 2153.

This is an honors section: We will cover the same basic material as every other section, but more quickly, so that some topics can be addressed in greater depth or breadth. Grading will be based on the same absolute scale as the non-honors sections.

Textbook *Calculus: Early Transcendentals* (Custom OSU edition) by James Stewart.

Grading Your course grade will be out of 1000 points, assigned as follows:

- 140 Homework
- 160 Weekly Quizzes
- 150 Midterm, Thursday, Sep. 23
- 150 Midterm, Thursday, Nov. 4
- 150 Midterm, Thursday, Dec. 2
- 150 Final, Wednesday, Dec. 15, 10:00-11:50 AM
- 100 Classroom grade: In-class work and/or Intangibles (e.g., class participation)

Quizzes 15-minute quizzes will be given almost every Thursday. They will be open-book and open-notes.

There will be no make-ups if you miss a quiz. However, I will count only your highest ten quiz grades.

Homework Homework will be due at the end of every class. You may do the homework either by hand or on WebAssign. However, you must choose one format or the other by Thursday, September 2 and do all subsequent work in that format.

Handwritten homework must be written legibly on $8\frac{1}{2} \times 11$ paper; your name and the due date should appear prominently. If you turn in multiple pages, they should be stapled together.

Your homework should be written in such a way that an average classmate could, without appealing to any other sources, understand both the problems and the methods of your solutions. As such, the grader's decisions about partial credit will be final.

Late policy. Because the course builds on itself, it is important that you not fall behind. Thus, in general, late homework will not be accepted. I will, however, allow you 30 "grace days" on handwritten homework in case of illness or other circumstances. Unfortunately, I cannot configure a similar policy in WebAssign; it will simply not accept late work.

Collaboration. Mathematics is a collaborative venture; you are encouraged to work together with friends and/or classmates on written homework. However, you must **write up your work yourself** and **acknowledge anyone who helped you**.

Illness policy If you cannot attend one of the exams due to illness or another emergency, you must provide documentation to arrange a make-up.

If you cannot attend a regular class due to illness or another emergency, no documentation is necessary. If you aren't sure whether or not you're too ill to attend class, please see a doctor. If you need to miss *several* classes, let me know as soon as possible, so that I may plan how to accommodate the situation.

Calculators Calculators will be neither necessary nor allowed on exams. You are welcome to use calculators on any other work for the course, though I recommend that you practice without them.

Where to go for help You have many resources for this course. I hope you will bring questions to me in office hours. Most students find it helpful to talk to classmates and work problems together. I encourage you to post and answer questions in the Discussion section of Desire2Learn. Finally, there is free tutoring available in the MLRC (See <http://www.math.okstate.edu/mlrc> for details).

Syllabus attachment Please read the OSU syllabus attachment on the web at

<http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Fall.htm>

This has a lot of important information, including instructions about disability accommodations. Please contact me privately during the first week of the course if you need accommodations as the result of a disability.