

Math 132, Section 045: Calculus I

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Office Hours: M 2-3, W 10-11, R 3-4

Course Webpage: This is a coordinated course. Most information can be found at https://www.math.msu.edu/Classes/mth_132/. I also maintain a personal webpage, where you can find documents specific to this section, at users.math.msu.edu/users/hendricks/MTH_132.html.

Location and Time: MWF 9:10-10:00, 108 Berkey Hall.

Content and Style: This is a standard first semester course in calculus. We will cover limits, derivatives, optimization, beginning integration, the fundamental theorem of calculus, and volumes. This section will be structured around a lecture format.

Textbook: J. Stewart, *Calculus*, MSU MTH 132 edition.

Homework & Quizzes: There are standard Webwork sets for this course posted on the main course website. You should set up a Webwork account and complete the problems promptly. Webwork sets are generally due four days after the lecture to which they correspond. The first due date is Sunday, September 4 at 11 pm. Please make sure that you have no technical difficulties sometime before the holiday weekend starts.

There are two special Webwork sets. One is the Gateway algebra exam, which tests your algebra proficiency and must be completed by September 9. The other is the Prior to Drop Date Student Assessment, which tests your proficiency in the concepts introduced during the first third of the course and must be completed by September 25.

There will also be twelve ten-point quizzes, each divided into two parts. Five points will consist of take-home problems, posted on Friday and due the following Friday. Five point will consist of a short in-class quiz administered at the beginning of Friday's class. **There will not be any make-up quizzes.** The first quiz is Friday September 9. There will be a quiz every week we do not also have an exam, for a total of twelve quizzes.

Exams: This class has two midterms and a final.

- Exam 1 is **Monday, October 10, 7:45-9:15 p.m.** It covers Sections 1.4-8 and 2.1-8 in your textbook.
- Exam 2 is **Monday, November 21, 7:45-9:15 p.m.** It covers Sections 2.9, 3.1-5, 3.7-9, Appendix E, and 4.1-3 in your textbook.
- The Final is **Monday, December 12, 10:00 a.m.-12:00 p.m.**

If you have a conflict with these times involving another class, a religious holiday, military obligations, or a medical emergency, please let me know as soon as possible so I can arrange for you to take the make-up exam. (Work and travel are not considered acceptable conflicts by the course.)

Grading: Your grade will be computed as follows:

$$(12\% \text{ Webwork}) + (18\% \text{ Quizzes}) + (20\% \text{ Exam 1}) + (20\% \text{ Exam 2}) + (30\% \text{ Final Exam})$$

The webwork score includes participation in the initial and final course surveys, available on the main course webpage. The initial course survey must be completed within two weeks of beginning the course. A chart of the current course curve, updated after each midterm, is maintained at https://math.msu.edu/classes/mth_132/grading/Current_Course_Scale.aspx.

Additional Resources: The mathematics department maintains lecture videos for this course under the “Resources” tab on the course website. Watching them is a good idea, especially if for some reason you have to miss a day of class. Also under that tab, you can find old exams from this course, which are generally excellent practice. There are also extensive written lecture notes for the course at <http://users.math.msu.edu/users/magyar/Math132-Notes/>.

Finally, the Math Learning Center may be helpful. Their hours can be found under the “Tutoring” tab on the main course webpage.