

Calculus II - Spring 2013
MATH 134 - 01

Instructor: Joshua Lesperance
200 King Hall
(440) 775-8196
jlespera@oberlin.edu

| | | |
|---------------|--------------------------|--------------|
| Office | M W F | 11:00 - 1:30 |
| Hours: | W | 2:30 - 4:00 |
| | <i>or by appointment</i> | |

Textbook: *Calculus*, 7th edition, by James Stewart

Learning Objectives: This is a standard second course in the calculus of functions of one variable. The topics that we plan on covering include logarithmic, exponential and the inverse trigonometric functions, techniques of integration, polar coordinates, parametric equations, infinite series and applications. Topics may be added or dropped depending on the pace with which we proceed this semester. This class will emphasize the mechanics and techniques needed to perform the computations we study, while trying to provide a broader conceptual understanding of the material and motivation through applications.

Class Expectations: These are simple: you should attend every class, you should be alert and pay attention during class, you should ask questions when you are confused or curious, and you should try your best to answer the questions that are presented to you. Officially speaking, the only classes that you are required to attend are on those days that there is an exam scheduled. However, it should go without saying that the best chance you have for success in this class is to follow the guidelines I have suggested above. Class is most enjoyable, and most productive, when all of you are in class and we are all participating in the learning process.

Homework: You will be assigned homework problems approximately once a week. These will be collected and graded. These problems are essential for mastering the material we shall discuss this semester. Homework should be submitted by 4:00 pm on the designated day (usually Wednesday). Late homework will be accepted at my discretion, with a possible penalty for being late. That being said, it is better to get some credit for a late homework than to get no credit for a homework not submitted.

Collaboration: You may work with your classmates on the homework. In fact, I encourage you to do so. Discussing these problems/ideas with others will be an excellent way to understand them better. However, it is neither permitted nor beneficial to simply copy someone else's work.

Help Outside of Class: I am here to help you in any way that I can. Interaction with students outside of class is an essential, and enjoyable, part of my job. Please take advantage of the office hours I have provided, or set up appointments with me. If my door is open, feel free to drop in.

Exams: There shall be four in-class exams given during the semester. The dates for these are tentatively scheduled as **February 22nd, March 15th, April 12th, and May 3rd**. The final exam is scheduled on **Thursday May 16th, from 9 - 11 am**.

Missing an Exam: On occasion it may be necessary to miss class on a day when we have an exam scheduled. I am quite flexible when it comes to rescheduling exams, when there is a legitimate reason for missing class. All I ask is that you notify me as far in advance as possible. (Among other things, I do not consider travel plans to be a legitimate reason for missing an exam.)

Honor Code: Students are expected to write and sign the Honor Pledge on all academic exercises. The pledge reads: “I have adhered to the Honor code in this assignment.”

Students With Disabilities: Reasonable accommodations will be made for persons with documented disabilities. Students should notify the Office of Disability Services and come see me as soon as possible to discuss any disability related needs.

Grading: To compute your final grade, your in-class exams shall be ranked from highest to lowest (1 to 4). Your final grade for the semester will be determined as follows:

| | |
|------------|-----|
| Homework | 15% |
| Exam 1 | 25% |
| Exam 2 | 20% |
| Exam 3 | 15% |
| Exam 4 | 10% |
| Final Exam | 15% |