

Math 133 – Calculus I (Spring 2013)

Instructor: Kevin Woods, King 220B, Kevin.Woods@oberlin.edu. Call me Kevin!

Lectures: Monday, Tuesday, Thursday, Friday at 10am, King 323.

Office Hours:

Monday 3:30-5pm, Tues 12-2pm, Wed 3:30-5pm, Thurs 11am-12pm, and by appointment. Also, feel free to stop by any time my door is open (but be understanding if I say I am too busy).

Required Textbook:

Single Variable Calculus, James Stewart, 7th edition. We will cover Chapters 1 through 5. The edition number is important for the exercises to be correct. There is a copy on reserve in MUDD.

Consent to Register:

You need to take a Calculus Placement Exam. This determines whether Math 131 or Math 133 is the right course for you. See Cathy Murillo in King 205 (weekdays 8:30-12, 1:30-4:30). If you've had Calculus in high school and feel fairly comfortable with it, you should at least consider starting in 134 (Calc II). You do not need to take any placement exam to register for Math 134. Please talk to me if you have questions.

Blackboard:

I will post homework, reading, other announcements, and grades on Blackboard. You will also answer the daily questions on it.

Grading:

Daily Questions / Participation (10%).
Homework (20%).
3 In-class Midterm Exams (15% each),
Final Exam (25%).

Daily Questions / Participation (10%).

I don't want to come to class each day and tell you what the book already says. Because of this, you need to read the book beforehand; we can have better discussions when we're on the same page about the material. To encourage this, you must answer a few questions before each class. You must go to Blackboard by 8am the day of class to answer these questions (click on the "Daily Questions" link). These will not be graded for correctness, only that you made a legitimate attempt at them. These will also be helpful to me to see what I need to emphasize in class. Part of participation is also being in class, on time, and participating in group-work activities. I can take away points here if this is a recurring problem. Do all of this, and this is an easy 100%.

Honor Code: Do the daily questions on your own.

Late Work: Blackboard will shut down the questions at 8am. Since each one is such a small part of your grade (but as a whole, they add up!), no late work will be accepted.

Homework (20%).

The best way to learn the tools and concepts in this course is practice! Homework will be assigned each week, some required and some suggested. Each Thursday (generally), you will turn it in. Show your work, and use words to describe what you are doing. Your lowest homework grade will be dropped at the end of the semester.

Honor Code: You may (should!) work together on these problems, but your written solutions must be your own. In particular, you should not be reading another student's final written solutions, and someone shouldn't be simply telling you the answer to a problem. You may

use the book and your notes, and of course come talk to me! You may not use solutions manuals. Feel free to use computers to do calculations but keep in mind that 1) you must justify your answers so that someone can follow what you're doing – you can't just say "Wolfram Alpha says the answer is three" – and 2) you will not be able to use these tools on the exams.

Late Work: They are due at 4pm, generally on Thursdays. If you do not hand them in at class, I will leave an envelope out for you to put them in. If they are handed in by the time the grader collects them from my office (no guarantees when that is), you get full credit. If they are not, you get a 0 (but your lowest grade will be dropped at the end of the semester).

3 In-class Midterm Exams (15% each).

Scheduled for February 27, March 21, and April 17. These will concentrate on topics covered in that segment of the course, but the course material is very cumulative, so you will have to know everything from the course so far.

Honor Code: You must work on it alone. They will be closed book, but you are allowed a page of notes. Only scientific calculators will be allowed (nothing that can graph or take derivatives).

Late Work: Only in rare circumstances will exams be administered outside of class.

Final Exam (25%).

Wednesday, May 14, 7-9pm. The final will be an in-class exam and will cover the entire course, with a slight concentration towards the more recent material.

Honor Code: You must work on it alone. It will be closed book, but you are allowed a page of notes. Only scientific calculators will be allowed (nothing that can graph or take derivatives).

Late Work Policy: You would need to talk to me and the Dean of Studies **in advance**. No exceptions.

Disabilities:

If you have a disability of any sort that may affect your performance in this class, please consult with me and with Jane Boomer in the Office of Disability Services. All requests for accommodation must go through that office.