

“One of the greatest achievements of the human mind is calculus. It justly deserves a place in the pantheon of our accomplishments with Shakespeare’s plays, Beethoven’s symphonies, and Einstein’s relativity.”
–Michael Starbird

Course Information: Calculus I

MATH 151-005

Fall 2008

Hours & Location: MWF 11:25am-12:40pm in Stuart Building 239
and Friday 1:50-3:05pm in Siegal Hall 237 (Maple lab) or Stuart Building 239 (recitation)

Instructor’s name: Michael Pelsmajer (pelsmajer@iit.edu)

Website: <http://www.iit.edu/~pelsmaje/Math151-Fall2008.html>

Office Address: E1 206

Office Telephone: 567-5344

Office Hours: By appointment (usually agreed upon after class)

Text for the course: Stewart, *Calculus, Sixth Edition*.

Grading Policy: Two 50-minute exams (near the end of September and at the beginning of November) are worth 20% each. The final exam, on Monday, December 8, 2:00-4:00pm, is worth 25%. Homeworks and quizzes are worth 10% each. Maple labs and the writing project together count for 15%.

It is expected that you will attend every class. Attendance will be taken.

There will be homework assigned every day, and you should do it before the next class. Some of the problems will be starred (*), and these will be handed in once a week, at 11:25am each Friday. The other problems will not be graded, but: (1) you still have to write them out *legibly, and save them* in a folder or notebook, (2) you *have to check* that your answers are correct on your own (you will be given the answers) and seek help if you don’t understand. You also have the Academic Resource Center, and my office hours, where you can get help. By the time you hand in your homework, you should be fairly certain that it is 100% correct. (We may switch to “WebWork” homework at some point in the semester, at which point I’ll have to revise the above policy. More on that later, if it all works out.)

Class every Friday will begin with a short quiz. Quiz problems will be, in many cases, identical to the ungraded homework problems!

The first three Friday afternoon classes will be special trigonometry review sessions, held in Stuart Building 239. These are open to all students and *required* of some students, who should have been notified by email. Starting September 12, each Friday afternoon meeting will either be a *Maple* lab or a recitation.

At recitations, you will be asked to present solutions to homework problems at the board. *Everyone must do this*. You will also have a chance to ask questions about the current homework.

Each lab will come with an assignment. You work on the assignment alone or with a partner during the lab, finish it at home, and hand it in by Monday’s class. The labs will involve *Maple*. *Maple 12* is available on all OTS computers, and you may also purchase a student version if you like.

The writing assignment will be given about halfway during the semester. It will be graded and handed back for revision. (With each revision you must also resubmit, unaltered, the previous, already-graded, versions.) This process may be repeated as many times as necessary. If a high-quality write-up is not achieved by the end of the semester, a failing grade will be given for this project.

On everything you hand in, solutions should be neatly presented and well organized. This helps others to read (and grade!) your work, and permits you to progress accurately from one step in a solution to subsequent ones.

In particular, if the grader has trouble deciphering your writing or your train of thought, do not expect any points. Moreover homeworks must be stapled, and problems must be written up in order.