

“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 151-007

Fall 2007

Hours & Location: MWF 11:25am-12:40pm in Stuart Building 106

and Thursday 11:25am-12:40pm in Life Sciences 240 (recitation) or Siegal Hall 237 (Maple lab)

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

Website: <http://www.iit.edu/~pelsmaje/Math151-Fall2007.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 (at the end of September and at the beginning of November) are worth 20% each. The final exam 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.

Homework will be assigned every day, but collected only once a week. Homework will be collected at 11:25am each Friday.

You may work on homework together with your classmates without penalty. I recommend that you first attempt each assignment on your own, directly following class if possible. Answers to odd numbered problems are in the back of the book, and complete solutions to these problems are available in the Student Solution manual. You also have office hours and the Academic Resource Center available to you.

By the time you hand in your homework, you should be fairly certain that it is 100% correct.

Class each Friday will begin with a short quiz. In addition, there will occasionally be an unannounced quiz on reading material assigned the previous class.

Starting September 13, each Thursday meeting will either be a *Maple* lab or a recitation. The first three Thursday classes will be special trigonometry review sessions. This is open to all students and *required* of some students, who should have been notified by email.

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 Wednesday’s class. The labs will involve *Maple*. *Maple 11* 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. 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.