

“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 151-04 and MATH 151-06
Fall 2009

151-04 Hours & Location: 10:00am-11:15am, MWF in Siegel Hall 204, and

Thursday in Stuart Building 112J (Maple lab) or Alumni Hall 222 (Trig Review and Recitation)

151-06 Hours & Location: 11:25am-12:40pm, MWF in Life Sciences 152, and

Thursday in Stewart Building 112J (Maple lab) or Wishnick Hall 116 (Trig Review and Recitation)

Instructor: Michael Pelsmajer (pelsmajer@iit.edu)

Website: <http://www.iit.edu/~pelsmaje/Math151-Fall2009.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: There are three 50-minute exams, worth 15% each. The final exam is worth 20%. 15% of the grade is homework, 15% is labs and quizzes, and 5% is recitations.

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

There will be homework assigned every day via WebAssign, and you should do it before the next class. Most of it will be done online, but a few problems will be collected, on paper, each Friday at the beginning of class. See class website for further details.

You should try to get perfect scores on all your homework. You should get help from the Academic Resource Center and/or the instructor as needed.

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

On the first three Thursday meetings, we will have a Trigonometry Review. This is required for some people, who have been notified by email, and optional for everyone else.

After the trigonometry review, each Thursday meeting will be a lab or a recitation. Which one will be announced earlier that week.

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* is available on all OTS computers, and you may also purchase a student version if you like.

At recitations, you will have to present solutions to homework-like problems at the board. You will also have a chance to ask questions about the current homework.

All your work 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. Also, written homeworks must be stapled, and problems must be written up in order.

Calculators are not allowed for exams or quizzes. Do not use a calculator when doing your homework, since you need to develop calculator-free working habits.

Any updates will appear on the class web page.