

“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 II

Math 152-02

Spring 2009

Hours & Location: MTW 10:00-11:15am in Life Sciences room 121

and W 3:15-4:30pm Lab in Siegal Hall room 237 or Recitation in Siegal Hall room 204

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

Website: <http://www.math.iit.edu/~pelsmaje/Math152-Spring2009.html>

Office Address: Engineering 1 Building room 208

Office Telephone: 312-567-5344

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

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

Grading Policy: Two 50-minute exams (near the end of February and at the beginning of April) are worth 20% each. The final exam (to be scheduled by the registrar: see [www.enrollment.iit.edu](http://www.enrollment.iit.edu)) is 25%. Homeworks, quizzes, and labs/recitations are each worth about 10% each. The writing project is 5%.

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 written problems will be starred (\*), and these will be handed in once a week, at 10:00am each Friday. The other written 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. (For help, seek out the math-specific tutors at the Academic Resource Center, and see me during office hours.) By the time you hand in your homework, you should be fairly certain that it is 100% correct. *True, the instructor will have no way of knowing whether you do are doing all that... until the exams are graded! Thus, it's to your benefit to be hard on yourself, regarding homework.*

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

There will also be homework assigned and completed on-line, using *WeBWorK*. See the class webpage for more information about this.

At recitations, you will be asked to present solutions to homework problems at the board. This will count toward your grade. 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, written homeworks must be stapled, and problems must be written up in order.