“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 151-003**

Fall 2006

Hours & Location: MWF 10:00-11:15am in Wishnick 116

and Tuesday 10:00-11:15am Lab in Stuart Building 112E/112F (usually)

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

Website: http://www.iit.edu/~pelsmajer/Math151.html

Office Address: E1 206

Office Telephone: 567-5344

Office Hours: fixed hours TBA; also by appointment


Syllabus: See following page

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, quizzes, and labs are worth 10% each. A writing project is 5%.

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 10:00am each Wednesday.

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.

The first three Tuesday labs will be special trigonometry review sessions, held in Engineering 1, room 025. This is open to all students and required of some students, who should have been notified by email. Regular Tuesday labs will begin on September 19, held in Stuart Building 112E/112F.

Each regular 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 10* 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.