

Math 0230

Student Guidelines and Syllabus

About the course

This is the second in a sequence of three calculus courses for science and engineering students. The goal is to prepare you to make use of calculus as a practical problem-solving tool.

Prerequisite

Math 0220 or equivalent, with a grade of C or better.

Text

The text for this course is James Stewart, Essential Calculus, Early Transcendentals, Second edition.

Labs

One session each week will meet in the Calculus/Engineering Computer Lab in Posvar Hall (WWPH 1200A). In the lab, you will work individually on problem solving skills, using computer generated problems. Your TA will be available to help if you get stuck, but you are expected to solve all problems yourself.

You may not complete all of your work during the scheduled lab sessions, in which case you are expected to complete it on your own. You will be able to work on your lab problems from any computer with an Internet connection and a web browser.

Recitations

Once a week you will meet with your TA in a classroom (without computers) to go over problems related to the material covered the previous week.

Homework

You will be provided a list of practice problems from the textbook. You are expected to solve these problems, although they will not be collected and graded. Exam and quiz problems will often be modeled on these problems.

Grades

Your course grade will be determined as follows:

- Two midterm exams 50% (25% each)
- Final exam 30%
- LON CAPA assignments 10%
- Quizzes 10%

Some sections may deviate slightly from this recipe. Any deviations will be announced by your instructor at the beginning of the term.

Final Exam Policy

All day sections will take a departmental final exam at a time and place to be scheduled by the registrar. Calculators will not be permitted on the departmental final exam.

Evening sections will meet through final exam week, and the final exam will be given during the last one or two scheduled class periods.

Final Grade Policy

Your final grade will not exceed your final exam grade by more than one letter grade.

Exam Dates

See the class schedule for the dates of the two midterm exams. The date, time and room of the final exam will be announced by your instructor.

Materials

In addition to the textbook, you will need at least a scientific calculator. Any calculator with logarithms, exponentials, and trigonometric functions will do. Programmability is desirable but not essential. A graphing calculator, such as the TI83 or TI86, is better still.

Computer Accounts

As a University of Pittsburgh student, you should already have a Pitt computer account. You will need to know your username and password to access the computer resources in the lab.

Getting Help

Tutoring

Walk in tutoring is available in the Calculus/Engineering Lab and in the Math Assistance Center (MAC) on the second floor of the O'Hara Student Center. Tutoring hours will be posted outside the lab and the MAC, as well as on the web at <http://calculus.math.pitt.edu>.

You should go the Calculus/Engineering Lab for help with computer work, and to the MAC for assistance with pencil and paper work.

Office Hours

Your instructor will announce his office hours.

Disability Resource Services

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Resources and Services, 216 William Pitt Union (412) 624-7890 as early as possible in the term.

Academic Integrity

Cheating/plagiarism will not be tolerated. Students suspected of violating the University of Pittsburgh Policy on Academic Integrity will incur a minimum sanction of a zero score for the quiz, exam or paper in question. Additional sanctions may be imposed, depending on the severity of the infraction.