Information for students in Math 126A, Fall, 2000

Instructor: Nancy Stanton 301 CCMB, 631-7436
   Office hours: by appointment or 9-10:30 a.m. TTh
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Teaching Assistant: Vladislav Chernysh, 306 CCMB
   Office hours: 6-7 p.m. T

Text: Thomas and Finney, *Calculus*, 9th edition

Syllabus: We will cover Chapters 6-9. The topics are transcendental functions, techniques of integration, infinite series, parametrized curves, and polar coordinates.

You are encouraged to read each section of the text before it is covered in class. To do well, you **must** keep up with the homework and review frequently.

Computers: We will use the computer algebra system Maple.

NOTE: On Monday, August 28, the class will meet in the computer cluster in 148 Fitzpatrick for an introduction to Sparc Stations and Maple. *Make sure you know your AFS ID and password by then.* If you want to start on Maple Assignment 1 before then, go to the course web site, click on Maple, then on How to Use Maple Work Sheets. Then go back to the Maple page, click on Maple Help Worksheets or Maple Help Web Pages, then on An Introduction to Maple. (If you click on the worksheet option, you can download the introduction as a Maple Worksheet, open it in Maple and try the things in it.)

Examinations: There will be two midterms, eleven quizzes and a final exam.
   Exam I: Thursday, September 28, 8-9:15 a.m. in 127 Nieuwland
   Exam II: Thursday, November 9, 8-9:15 a.m. in 127 Nieuwland
   Final: Friday, December 15, 1:45-3:45 p.m.
   Quizzes: Tuesdays, in the tutorials, beginning August 29, weekly except the weeks of the midterms and the last week of classes.

Calculators will generally be allowed on most quizzes and exams.

Homework: Homework assignments will be posted on the course web site on Wednesday. The first assignment is already posted. Assignments will usually include reading, problems from the book, and Maple problems.

Grading:

>   Midterms 100 points each
>   Quizzes 100 points (10 points each, the lowest quiz score will be discarded)
>   Final 150 points
>   Homework 100 points (after scaling)

Absence from examinations and quizzes: A student who is absent from an examination or quiz without an official excuse shall receive a grade of zero for that examination or quiz. A student who is officially excused shall not be penalized. If you miss a test or quiz for any reason, call the instructor or the Mathematics Department as soon as possible.

Honor Code: The Honor Code is in effect for all exams, quizzes and assignments. You are encouraged to work together on the assignments, but copying in any form or submitting work done by others as your own is a violation of the Honor Code.

Web Site The web page for this section is
>   http://www.nd.edu/~nancy/Math126/info.html
On this page you will find general information about the course (including a copy of this handout), homework assignments, announcements, information about Maple and Maple demonstrations. If any last minute corrections to the homework assignments are necessary, they will be posted as announcements. The Maple worksheets are also in the appropriate subdirectories of the afs course directory
>   /usr/local/courses/math/math126a.01

About office hours and tutorials: If you have a question about the homework which you would like me to discuss in class, please send me an email message telling me what the question is by 8 a.m. the day of class. At the start of class, I will answer a few of these questions, carefully chosen to be representative. Since this is a large class, I will probably not have time to answer all the questions about homework in class. In the tutorials, the teaching assistant will answer questions about the homework and will give the weekly quiz, but he may not have time to answer all the questions. You can get additional help from us during our office hours. During office hours I am also happy to discuss topics from the course in greater depth or to discuss any math-related questions you might have.