Math 1101, Calculus I

Fall 2005

8:00–9:05 AM MWF and 8-9:40 AM Tu, Sci 3510

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Office hours: 10:30–12 M, 10-11 Tu, 9:30–10:30 W, 9:10–10:10 F.

Prerequisites: Solid knowledge of high school algebra, trigonometry, and geometry or Math 1011.

Text: Stewart: Calculus, 5th edition. We will cover Ch. 1-5 and part of Ch. 10. I will ask you to read ahead in the book. This way you will get more out of lectures.

Website: `www.morris.umn.edu/~ituba/math1101`.

Homework will be posted on the class website after every class. It will be a combination of online exercises, practice exercises to prepare for the quizzes, and written work to turn in. Homework that you have to turn in will be due at 5 PM in the envelope on my door. Online homework will close at midnight the day it is due, but it is unwise to leave it to the last moment. Computers are inflexible about deadlines and are notorious for acting up when you are desparate to meet one.

I want to be able to grade and return HW promptly. So to be fair to everyone, I will not accept late HW for credit. It is still better to turn in homework late than never. I will still grade it. It is essential that you take the HW very seriously. Don't leave it to the last moment, do it all, and do it on time. You are unlikely to succeed in a math class without doing all of the HW.

Collaboration: Some of the HW exercises will require individual work, while you will be allowed to discuss others with your fellow students in the class. In the latter case, the purpose is to let you discuss and critique each other's ideas and not to let you split the workload. Keep collaboration constructive and reasonable. You are still expected to fully understand the solution and write it up on your own. Submission of nearly identical work by two different students will not be acceptable.

Quizzes: Quizzes will be announced in advance on the class website together with the material they cover. There will be no make up quizzes, but I will drop your lowest quiz score.

Exams: There will be 3 in-class hourly exams: Sep 28, Nov 2, Nov 30. The lowest of the three scores will be dropped. There will be no make-ups. The final exam is at 8:30 AM, Dec 20.

Grading scheme:

Homework and quizzes:	30%
In-class exams:	40%
Final exam:	30%

A score of 90% or more will guarantee an A, 80% a B, 70% a C, and 60% a D. The curve may be adjusted lower than this. You will find further information on the meaning of various letter grades and the university policy on Incomplete grades in the current course catalog or at `http://www.morris.umn.edu/services/registrar/policies.html`.

Calculators will not be integral to this course. They may sometimes be useful on some of the homework to compute sines, cosines, logarithms, but will not be required or allowed on exams and quizzes. You probably already own a calculator that knows more than we will need.

Quality of work: It is important that you work neatly on the assignments. The quality of your work will affect your grade. Quality has to do with how easy it is for someone else to read your solution to a problem. It is not enough to do math right, you must also present it well.

Students with disabilities: If you need special arrangements, let me know well in advance so we can plan to accommodate your needs.

Another general note: Learning math is much like learning to ride a bicycle in that you learn by doing it and not by watching someone else do it. Attending class and reading the textbook won't be enough to do well on the exams. You should work through every example and computation in the book and in your class notes and expect to have to re-read everything several times. It's slow, but then your reading list for this class is short.