

SYLLABUS – MATH 113

Fall 2003

Dr. Rebecca F. Goldin

Office: Science & Tech. I, Room 222B
Hours: Mondays and Wednesdays 3:00-4:00, and by appointment.
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Text: *Thomas' Calculus, Early Transcendentals*, Tenth Edition, Updated
Home Page <http://math.gmu.edu/~rgoldin/113/index.html>

Prerequisite You need a C or better in Math 105 or successful completion of the Math Placement Test.

Material to be covered We will cover chapters 1 - 4 and additional topics if time permits. Topics include limits, derivatives, exponential and logarithmic functions, integrals and their applications. We will also cover the mathematics software Maple.

Office Hours It is a course requirement to come to office hours at some point during the semester. I will pass around sign-up sheets for appointments, but you may come at any time during office hours. The idea is to introduce myself to you, for me to meet you, for you to meet other students in the course, and for communication lines to be open.

Recitation Your recitation instructor is **Vatsala Bisht**.

Office: Science & Tech. I, Room 234
Hours: Thursdays 11:30-1:30
Phone: (703) 993-1479
E-mail: vbisht@gmu.edu

During recitation, you will have the opportunity to review material from the course and discuss the assigned problems. During exam weeks, recitation will be used to review for exams.

Quizzes There will be no quizzes in this course

Problem Sets There will be both on-line and textbook homework assigned, and due weekly. In addition, I will occasionally hand out extra credit problems to be turned in for credit.

Maple assignments There will be two or three Maple assignments to be handed in. You will be given at least two weeks to complete them.

Exams There will be one on-line exam and two in-class exams during the term. The on-line exam (Exam 1) is tentatively scheduled for **September 20**. Exam 2 is tentatively scheduled for **October 15**, and Exam 3 is scheduled for **November 5**.

Final The final is a comprehensive exam. The final is scheduled for **Wednesday December 10, 4:30 p.m. - 7:15 p.m.**

Your grade Your grade in the course is determined as follows.

On-line exam 10%

Maple assignments 10%

Problem sets (on-line and written) 20%

In-class midterm exam 15%

In-class prefinal exam 15%

Final exam 30%

The Late Policy There are no make-up exams or problem sets unless there are exceptional circumstances. Please see me in advance if there is a problem that you can anticipate, and immediately following a missed exam or problem set if you believe your circumstances justify the missed work. Missing the final exam will ensure either an incomplete or a failure, depending on University Guidelines.

Calculators No calculators are allowed during exams. You are welcome to use calculators for homework and Maple assignments.

The Honor Policy and working together You are encouraged to discuss the course material with your peers, form study groups, and request help from friends, colleagues, and the tutoring center. However, all work on the internet should be done by you alone, without anyone “sitting with you”. If you are working on an on-line problem set, you may ask for suggestions and hints from fellow students or a tutor, but you may not have this person work

the problem for you. Similarly, Maple assignments are not to be completed with other students, although you may discuss the questions and ask advice from others. You must turn in your own assignment. To make this more explicit, questions such as “How does this work? What command did you use?” are allowed, but asking “What did you enter in line 17? What do you do after that?” is not allowed. You may not ask anyone any help nor may you use the textbook or a calculator for the on-line test. In-class tests and the final will also be done individually without any assistance from peers. Cheating and copying will be prosecuted according to University Guidelines. I am *extremely* unsympathetic to those who cheat. If you have questions about the policy and what is allowed, you should feel free to ask me about a particular situation in person.

Tutoring options You are strongly encouraged to use the George Mason Tutoring Center to get help with concepts you are having trouble with. The Tutoring Center is located in Johnson Center, on the third floor, behind the Star Labs. It is open 9:30am-9:30pm Mon-Thurs, and 9:30-4:30 on Friday. In addition, there is a call-in tutoring center for our textbook is open Sun-Thurs. 5pm-12am EST. You can email them, call them toll-free 1-888-777-0463, or “talk” using their special “white-board” interface. Go to www.aw.com/tutorcenter for more details.

On-line work Each of you will have an account with MyMathLab, at www.mymathlab.com. You will create this account using an access code given to you at the beginning of the semester (and in the future, these codes will come with the textbook). It is in this account that you can do your homework, take the first exam, read the text, take practice tests, take a look at supplementary materials, etc. A representative from our textbook’s publishing company will give a short presentation on this material. Once you are in the “system” (and you have chosen **Math 113: Calculus 1**), everything you will need for our course will be available under **Course Documents**, which is found to the left on your screen. For example, to access homework

1. Click **Course Documents** on the left
2. Pick the chapter we are covering in class
3. Click on **Chapter Study Plan**
4. Click the purple **Do Homework** button

5. Click on the appropriate problem set.

Similarly, to take the on-line exam, you

1. Click **Course Documents** on the left
2. Click on **Tests Assigned by My Instructor**
3. Click on the appropriate assigned test at the top of the page. Until I actually assign a test, you can take sample tests here.