

Math 1101 Syllabus (UPDATED 1/15/03)

Spring 2003

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Office Hours: MWF 11-12 and by appointment

Course Description: An introduction to mathematical modeling based on the use of elementary functions to describe and explore real-world data and phenomena. Graphical, numerical, symbolic and verbal approaches are employed to investigate data, functions, equations, and models. Emphasis is placed on applications and the ability to construct useful mathematical models, to analyze them critically, and to communicate quantitative concepts effectively. **This course is NOT intended to be a preparation for Math 1113 (Precalculus).**

Text: *Elementary Mathematical Modeling Functions and Graphs*
Davis and Edwards

Course Web Site: www.math.uga.edu/1101

Student Supplied Required: Texas Instruments Graphing Calculator TI-83
1 pack of 3"X5" Index Cards for in class quizzes

<u>Grading:</u>	Quizzes & Homework	15%
	4 in-class exams @ 15% each	60%
	Final Exam*	<u>25%</u>
		100%

* The Final exam will also replace the lowest exam grade

Grading Scale: F < 60 < D < 70 < C < 80 < B < 90 < A

Attendance: Students missing more than 5 classes whether excused or not will be withdrawn from the course with a grade of "WF"

TEST DATES:

Test 1 – Chapter 1 Friday, Jan 31
Test 2 – Chapter 2 Friday, Feb 21
Test 3 – Chapter 3 Friday, Mar 28
Test 4 – Chapters 4 & 8 Wednesday, Apr 23

EXPECTED SCHEDULE:

Week of	Monday	Wednesday	Friday
1/6			1.1
1/13	1.1	1.2	1.2
1/20	MLK	1.3	1.4
1/27	1.4	Review	Test 1
2/3	2.1	2.1	2.2
2/10	2.2	2.2	2.3
2/17	2.3	Review	Test 2
2/24	3.1	3.1	3.1
3/3	3.2	3.2	3.3
3/10	3.3	3.4	3.4
3/17	Spring Break	Spring Break	Spring Break
3/24	3.4	Review	Test 3
3/31	4.1	4.1	8.1
4/7	8.1	8.2	8.2
4/14	8.2	8.3	8.3
4/21	Review	Test 4	Review
4/28	Review	Review	