

**Class:** 9:15–10:15 MTWRF, Boyd 304

Math modeling is about using math to describe and understand the world around us. We will depend on our equipment to do the calculations and instead focus on the math itself.

**Instructor:** Ted Ashton  
**Office:** Boyd 601a  
**'phone:** 542-2604  
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**Office Hours:** 10:30 – 11:30 daily  
 (or by appointment)

**Needed for class:**

- *Elementary mathematical Modeling: Functions and Graphs*, by Mary Ellen Davis and C. Henry Edwards (ISBN 0-13-096202-3)
- A Texas Instruments TI-83 calculator

**Grades:**

Grades come from		Letter Grades
75%	Exams (25% each, including the final)	$90\% \leq A$
20%	Homework	$80\% \leq B < 90\%$
5%	Quizzes and class participation	$70\% \leq C < 80\%$
		$60\% \leq D < 70\%$
		$F < 60\%$

Grades will be available during the semester via the WebCT system found at <http://webct.uga.edu>. Simply log in with your MyID and select MATH1101 from the courses listed.

**Exams:** There are to be three exams of approximately equal length. Listed below are the dates, sections covered and review material. Note that the review problems are *not* assigned but simply noted for the benefit of the student.

Exam	Date	Sections	Review Problems
1	1 July	Chapter 1, 2.1	p54, p99: 1-10
2	15 July	2.2 – 3.2	p99: 11-13, p156: 1-7
Final	?	3.3 – 3.4, 4.1 – 4.2, 8.1 – 8.2	p156: 8-12, p205: 1-11, p366: 1-7

**Homework:** In this class we will be using a new homework system developed by the University of Rochester called WeBWork. To get and/or submit your homework, go to

<http://ada.math.uga.edu/webwork/MATH1101>

and log in using your UGA MyID and id number. You can submit answers to each question as many times as you wish and the computer will tell you if you have it right or not.

If you are more comfortable working on paper, you can print out a copy of your homework from there. Note, however, that each student's homework is slightly different from the others, so don't simply work off a friend's assignment sheet.

Homework is due every Tuesday at the beginning of class. You are welcome to work with others on the homework, but the work turned in needs (of course) to be yours alone. You are also welcome to ask me questions (I am available immediately after class for an hour and am also happy to answer questions by telephone or email) and there are various options for further assistance listed at

[http://math.uga.edu/undergraduate/student\\_services.html](http://math.uga.edu/undergraduate/student_services.html)

**Academic Honesty:** UGA has an academic honesty policy and you are responsible for knowing what is in it and abiding by it. The policy may be found at

[http://www.uga.edu/ovpi/academic\\_honesty/culture\\_honesty.htm](http://www.uga.edu/ovpi/academic_honesty/culture_honesty.htm)