MATH 1113: Precalculus
Syllabus

Call number: 03-759 **Meets:** MWF 1:25-2:15, Life Sciences C112
Text: Swokowski & Cole. *Precalculus: Functions and Graphs*, UGA Edition. Thomson
Instructor: Grant Fiddyment **Office:** Boyd GSRC 325
Email: gfiddy@math.uga.edu **Office phone:** (706) 542-2605
Departmental 1113 website: http://math.uga.edu/116/1113home.htm
Class website http://math.uga.edu/∼gfiddy/1113/home.html

Course description/objectives: This course is designed to prepare a student for calculus. It is the culmination of the study of functions prior to calculus. The successful student will complete an algebra review, a detailed study of functions and models, and study of specific functions including powers, exponentials, logarithms, rational functions, and trigonometric functions; and demonstrate unders tanding of each. This study includes solving equations involving the relevant functions. In addition, a successful students will be able to model functions and apply the models to concrete settings.
(A more detailed course schedule including topics covered each day will be available on the class website, above.)

Homework: Homework is assigned via WebAssign (*www.webassign.net*). In conjunction with office hours, homework is the most important component of the class: "Knowledge is constructed, not received." Students are encouraged to work together when completing homework; note, however, that each student's WebAssign problems are different.

Office hours: To be decided. Once finalized, they will be posted on the website above. **N.B.** Attending office hours is *c*rucial to your success in this class. There is a stark difference between "knowing how to do various types of problems" and "understanding precalculus." The former *m*ight get you through the class an assignment or test at a time and ultimately will help you very little. The latter will expand your mind and develop your critical thinking, which will benefit you as you study other disciplines. Understanding precalculus, however, requires grappling with the material outside of class, confronting what you do not understand, and formulating intelligent questions about it. Attending office hours is a crucial component of this process.

Grading:		A: 93-100	C+: 77-79
Tests (5)	60%	A-: 90-92	C: 73-76
Final exam	25%	B+: 87-89	C-: 70-72
Web quizzes	5%	B: 83-86	D: 60-70
In-class quizzes ($\sim$20)	10%	B-:80-82	F: Below 60

Testing procedure/Make-up policy: When taking tests, you will schedule your own time outside of class in which to take the test. Tests are administered in computer labs at Boyd GRSC with the same format as homework. Therefore it is *y*our responsibility to schedule a test you can attend. Make-up tests will be scheduled only in light of extreme circumstances and with documentation. For in-class quizzes, there will be no make-up quizzes. Depending on the total number of quizzes at the end of semester, 2-3 of your lowest quiz grades will be dropped.

Attendance: Attendance will be taken regularly. The instructor reserves the right to withdraw any student who accumulates 4 unexcused absences before the semester withdrawl deadline or 8 over the semester.

Academic Honesty: As a University of Georgia student, you have agreed to abide by the University's academic honesty policy: "A Culture of Honesty" and the Student Honor Code. All academic work must meet the standards described in"A Culture of Honesty," found at *w*ww.uga.edu/honesty. Ignorance is no excuse for a violation! Questions related to course assignments and academic honesty policy should be directed to the instructor.

Accommodations: If you have a documented (learning) disability, you should contact the Disability Resource Center:
. *http://www.drc.uga.edu/about/welcomeletter.php.*

This syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.