

## ***SYLLABUS - Math 1101 - Fall 2009***

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

### ***INSTRUCTOR INFORMATION***

Name: Ms. Whitehead  
Email: [susan@math.uga.edu](mailto:susan@math.uga.edu)  
Office location: 328A Boyd GSRC  
Office hours: MWF 10a – 11a, TTh 12:30p – 1:30p  
Phone: 706-542-0945

***CLASS LOCATION*** – Boyd GSRC, Room 328

### ***COURSE INFORMATION***

#### **Web site:**

**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 to the investigation of data, functions, equations, and models. Emphasis on applications and the ability to construct useful mathematical models, to analyze them critically, and to communicate quantitative concepts effectively. This course is not meant to prepare students for Math 1113 (Precalculus).

**TEXT:** Elementary Mathematical Modeling, Functions and Graphs, Mary Ellen Davis & C. Henry Edwards, Prentice Hall, 2007.

**CALCULATOR:** Texas Instruments Graphing Calculator TI-83 (or TI-82) is required for this course. While one can complete the course with a TI-85 or 86, it is not

recommended. You cannot use a TI-81 for this course. Students are expected to have their calculators with them during each class.

**REQUIREMENTS:** PROMPT, COMPLETE ATTENDANCE is expected at all classes. Professional courtesy toward your instructor and your classmates is expected. Exams may be made up in the event of University of Georgia athletics (arrangements in advance only) or documented illness. There is no makeup of homework or quizzes; scores will be dropped at the end of the semester instead.

### **TUTORING OPTIONS -**

[http://www.math.uga.edu/undergraduate/student\\_services.html](http://www.math.uga.edu/undergraduate/student_services.html) and <http://www.uga.edu/dae/>

### **IMPORTANT DATES**

9/7 – Labor Day Holiday

10/1 – Fall Break

10/22 - Midpoint Withdrawal deadline

11/23-11/27 – Thanksgiving Break

12/8 – Friday Class Schedule in Effect

### **TEST INFORMATION**

**Dates:** Test 1 (Chapter 1 & 2)- Monday, Sep 14, Test 2(Chapter 3)- Friday, Oct 9, Test 3(Section 4.1 and Chapter 5)-Friday, Nov 6, Test 4(Chapter 6)-Friday, Dec 4

**Procedures:** Students are required to have their calculators on test days. Makeup tests are given at the discretion of the instructor and in general will need documentation. A student missing a test must contact the instructor before the next class meeting, and the test must be taken before the tests are returned to the class.

**FINAL EXAM INFORMATION** - 11:15 class: Final Exam time: Dec 10, 12p-3p;  
12:20 class: Final Exam time: Dec 14, 12p-3p

## **GRADING SCALE**

93-100 A, 90-92 A-, 87-89 B+, 83-86 B, 80-82 B-, 77-79 C+, 73-76 C, 70-72 C-, 60-69 D, below 60 is F

## **GRADE COMPUTATION**

Quizzes 15%, Hour Tests 50%, Project 10%, Final Exam 25%

## **ABSENCES**

- Absences & Withdrawals: The official attendance policy of the university states: Students are expected to attend classes regularly. A student who incurs an excessive number of absences may be withdrawn from a class at the discretion of the professor (<http://bulletin.uga.edu/bulletin/ind/attendance.html>). In this class, we interpret “excessive” to mean 4 or more unexcused absences. Excused absences include but are not limited to approved University activities, illness (note from doctor or health center required). Unexcused absences include but are not limited to cutting class, personal activities. Check with instructor for clarification concerning your absence. See <http://bulletin.uga.edu/bulletin/ind/attendance.html> for more information.
- New Withdrawal Policy: A student matriculating beginning in Fall, 2008, will be allowed only four withdrawals in his/her college career. Moreover, effective Fall, 2008, an instructor must assign either a WP (signifying that the student is doing passing work) or a WF. Specifically for this class, a student withdrawing after the second exam will receive a WF unless he/she has a marginally passing (D) average in the class (taking into account all relevant data: quiz grades, exams, attendance).

## **INCOMPLETES**

Incompletes in a course are rarely given but indicate that a student was doing satisfactory work but, for non-academic reasons beyond his/her control, was unable to meet the full requirements of the course. An Incomplete will not be given unless the student has completed a substantial part (at least 75%) of the course.

## **ACADEMIC HONESTY POLICY -**

[http://www.uga.edu/honesty/ahpd/culture\\_honesty.htm](http://www.uga.edu/honesty/ahpd/culture_honesty.htm) 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: [www.uga.edu/honesty](http://www.uga.edu/honesty). Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor

## **.CELL PHONE & LAPTOP POLICY**

Cell phone and laptop computers should be turned off and put away.

## **REMARKS**

Questions are encouraged at all times. Scheduling difficulties can be amicably settled by PRIOR discussion. One aspect of being a member of a community of scholars is to show respect for others by the way you behave. One way of showing respect for others in the educational community is to do your part to create or maintain an environment that is conducive to learning. That being said, allowing your pager or cell phone to ring in class is completely inappropriate because it distracts your classmates and thus degrades their overall classroom experience. Answering your cell phone is doubly inappropriate! For the sake of your classmates, I expect you to turn off your pager and/or cell phone or set it to mute/silence BEFORE you enter class—every class. Similarly, using laptops during class is not appropriate. Furthermore, if, in the instructor's opinion, phone/laptop/pager usage becomes a problem, then the offending party will be expelled from class.