

Course Syllabus UNIV 1108 Fall 2017

Instructor: Kevin Kennedy

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Office Hours: I will have the following office hours this semester:

Monday, Tuesday, Wednesday and Friday: 3:30 pm – 5:00 pm

Tuesday, Thursday, Friday: 10 am – 12:00 pm

You can also email me to set up an appointment if necessary.

Supplementary Materials: Access to the online homework system through web access and a Graphing Calculator (TI-83 or TI-84).

Purpose of this Course:

Prepare students for Math 1101 (Mathematical Modeling)

Course Description:

During this course, students will participate in a review of algebra, problem-solving techniques, graphing functions, and calculator techniques for solving problems.

Topical Outline:

The following outline is given with the understanding that the topics may change depending on the pacing of the course.

1. Fundamental Concepts of Functions: what is a function, finding function values, finding domain and range, operations on functions, and inverse functions.

2. Functions and Graphs: Properties of Functions and Their Graphs
transformations of Functions,

3. Linear and Quadratic Functions: graphing, finding intercepts, finding slope and vertex, solving application problems

5. Exponential and Logarithmic Functions: Properties, Graphing, Exponential Growth and Decay, solving equations involving exponentials or logarithms.

Grade Components: Your grade will consist of:

Tests – We will have 4 tests during the semester. Test will be given during class time and will account for 40% of your grade.

Homework: Homework will be assigned and graded through web assign. You will have multiple chances to answer each question and should not hesitate to work on your homework in the free math labs in milledge hall and the MLC. It is imperative to your learning that you keep up with assignments and ask questions when you need clarification. Completion of the online assignments and class participation will account for 40% of your final grade.

To access the homework you will need to create an account with web assign and pay for the online homework feature. Go to www.webassign.com click on the **have a class key link** and enter the code **uga 7435 5624** in the boxes then click submit. Click on yes this is my class and then follow the directions to create your web assign account if you do not already have one. Once you have created your account you should log in daily to see if any announcements or assignments have been added.

Final Exam – the final exam will be comprehensive and will account for the remaining 20% of your final grade.

Grading Policy: 90-100 = A, 85-89=B+, 80-84=B, 75-79=C+, 70-74=C, 65-69=D+, 60-64=D, 0-59=F.

Attendance Policy: Because this is a math class that will build from class to class it will be in your best interest to not miss class if at all possible. If you do need to miss please try your best to obtain any class notes from a classmate and make sure you ask me for any possible missed handouts.

University of Georgia Honesty Policy:

All academic work must meet the standards contained in "A Culture of Honesty." Students are responsible for informing themselves about those standards before performing any academic work.

The Honesty Policy is described in detail online in the publication *A Culture of Honesty* at http://www.uga.edu/honesty/ahpd/culture_honesty.htm.

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