Course Syllabus
UNIV 1110 Introduction to Precalculus
CRN 28617
MWF 2:30 -3:20

Instructor: Kevin Kennedy
Office: 251 Milledge Hall
E-mail: nomad@uga.edu

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 ALEKS and a calculator of your choice (I recommend a TI30 XIIS or TI30 XS calculator)

Purpose of this Course:
Prepare students for MATH 1113 (Precalculus)

Course Description:
During this course, students will participate in a review of algebra, problem-solving techniques, graphing functions, and (time permitting) a review of basic trigonometry to prepare them for precalculus.

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

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

5. Overview of Trigonometry: Definition and Properties of Sine, Cosine, and Tangent, Unit Circle, Graphs

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.

Grade Components:
Your grade will consist of:

Homework – Homework will consist of two parts both done on ALEKS.   You can purchase access to ALEKS by going to www.aleks.com and clicking on the "New Student? Sign up now." button.
The course code for this section is: **HJCGU-ADWYD**
Homework will account for 50% of your final grade.
Half of your homework grade will be based on completing the Homework topics you are assigned in your path builder. The other half will consist of an overview assignment of each homework topic.

Tests – there will be 3-4 tests given this semester. These tests will account for 30% of your final grade.

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

Attendance Policy:
Since this is a math class that will build upon itself on a daily basis you are strongly encouraged to attend all meetings. If you have to miss a class of test please let me know as soon as possible so that I can get you any missed handouts or arrange for a make up test time.

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.