Course Instructor: Instructor: Mr. Kyle Carter  
Office: Boyd 104 D  
Phone: (678)-839-5134 (Office)  
Email: kylec@westga.edu

Course Information:  
Class: MATH 1111 – 01 (50017 – 3 credit hours)  
Class Time: Tuesday/Thursday 2:00pm-4:30pm  
Room: Boyd 305

Office Hours: Boyd 104 D: Tuesday: 4:30pm – 6:00pm  
(or by appointment)  
Thursday: 4:30pm – 6:00pm

Course Description: This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions, and their graphs, inequalities, and, linear, quadratic and piece-wise defined, polynomial, exponential and logarithmic functions. Appropriate applications will be included. Credit for this course is not allowed if the student already has credit for a higher-numbered mathematics course.

Learning Outcomes: Students should be able to demonstrate:  
1. An understanding the equations of circles and lines and using these to graph  
2. An understanding of functions and how to graph functions  
3. An understanding of operations on functions including function composition  
4. An understanding of polynomial graphs, including intercepts and end-behavior  
5. An understanding of how to find the zeros of polynomials and factoring polynomials  
6. An understanding of inverse functions and how to find them graphically and algebraically  
7. An understanding of the properties of exponential and logarithmic expressions  
8. An understanding of how to solve exponential and logarithmic equations  
9. An understanding of how to solve a system of equations

Course Materials:  
Calculator: A graphing calculator is required for this course (preferably one of the TI-83 or 84 models).

Grading:  
Exams: There will be 2 multiple choice exams for this course. We will review for each exam the class period before the exam is given. You will need a scantron form 881-E for each exam. Each test is worth 25% of your grade, so all together, the exams are worth 50% of your final grade.  

Exam 1: June 23 (Thursday)  
Exam 2: July 14 (Thursday)

Class Participation and Homework: There will be daily (short) assignments in class, and there will be a semester-long homework assignment. This is designed to challenge you and help you stay active throughout this course. Class participation will count for 12.5% of your final grade, and the homework assignment will count for 12.5% of your final grade.

Final: There is a cumulative, multiple choice final that is worth 25% of your final grade. We will review for the final as time permits before you take it, but the best thing you can do is to study the practice final. Link to practice final: http://www.westga.edu/∼cleach/MATH1111practicefinal.pdf

Location: Boyd 305  
Time: Thursday, July 28 from 3:00-5:00pm
Final grades determined as follows:

- 89.5 % and higher = A
- 79.5 % to 89.4 % = B
- 69.5 % to 79.4 % = C
- 60 % to 69.4 % = D
- Below 60 % = F

Make-up policy: There are no make-ups for daily assignments, so it is very important that you come to class every day. You are expected to keep up with learning the material each week, complete assignments by the due dates, and get help when needed. Make-ups for tests may be granted with a valid documented excuse, and only if you notify me before or on the day of the test.

Extra-credit policy: There will be no extra credit given in this course. My desire is to make this course so accessible that extra credit is not needed. This course will still be challenging, but there are a number of free resources at your disposal, outlined at the end of this syllabus. Please utilize them.

Attendance Policy: There is no attendance policy in this class. However, I will assign in-class daily assignments every day, so you must come to class to succeed. If you ever need to miss class, you can contact me and I will let you know what you missed and what you should study to stay on track.

Last Date to Withdraw: Wednesday, June 29th Any student who withdraws after this date will receive a grade of “F”.

Class Rules: You are to turn off your cell phone during class. You are not allowed to use your phone as a calculator. Please respect your instructor and other students in the class. No talking or any distracting behavior. If you fall asleep in class, you will be asked to leave. It is expected that students be familiar with the Student Conduct Code, Disciplinary Procedures and Disciplinary Sanctions in the Student Handbook. Cheating and/or any conduct that disturbs the classroom, the instructor, or the students will not be tolerated. If there is any cheating on the exams, the students cheating will receive a zero for that exam. Any serious violations will be reported; appropriate actions will be taken and consequences will result.

For important policy information, i.e., the UWG Honor Code, Email, and Credit Hour policies, as well as information on Academic Support and Online Courses, please review the information found in the Common Language for Course Syllabi documentation at http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf

Course Resources: The Math Tutoring Center: Located in Boyd room 205, the Math Tutoring Center is open to help you out. The hours are posted on the door. This is a free tutoring resource that DOES NOT require an appointment. Please use this as there are upper-level students and faculty that can help you. There are also textbooks, solution manuals and computers for you to borrow while you are there.

Lecture Notes and Power Points: I will upload lecture notes and power points to CourseDen as we progress through the course. If you must miss a class period, you can use these as a guide to see what we covered that day. They act as a skeleton for the course, so please do not skip class and think you will be okay just looking over these. You can and should use them for studying for tests.

Office Hours: If you are having trouble, please feel free to come to my office during my office hours. I would be more than happy to work with you. Your success is why I pursued this career, so please let me help.

Online Practice: There is a great, FREE online resource: interactmath.com. You just log in and choose the text for this class. This gives you access to hundreds of practice problems that Interactmath will work you through.