MATH 1111
College Algebra

Course Instructor: Instructor: Mr. Kyle Carter
Office: Boyd 104 D
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Email: kylec@westga.edu

Course Information: Class: MATH 1111 – 91 (3 credit hours)
Class Time: Tuesday/Thursday 11:00am-1:30pm
Room: Newnan Center Room 140

Office Hours: Face to Face (in Newnan Center Lobby): Tuesday and Thursday 1:30pm – 2:30pm
Online: Wednesday: 1:00pm – 2:00pm
(or by appointment)

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

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 21 (Thursday)
Exam 2: July 12 (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.

Location: Newnan Center Room 140
Time: July 23 at 12:30pm – 2:30pm
Final grades determined as follows:

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>89.5% and higher</td>
<td>A</td>
</tr>
<tr>
<td>79.5% to 89.4%</td>
<td>B</td>
</tr>
<tr>
<td>69.5% to 79.4%</td>
<td>C</td>
</tr>
<tr>
<td>60% to 69.4%</td>
<td>D</td>
</tr>
<tr>
<td>Below 60%</td>
<td>F</td>
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**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:**  
June 25th  Any student who withdraws after this date will receive a grade of “F”.

**University Policies and Academic Support:**

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.

**Academic Honesty:**

While some parts of this course may be completed in groups (such as the Homeworks), the Tests are meant to be completed alone, without the help of any other person. Any serious form of academic dishonesty will be reported to the University. Definitions of academic dishonesty are defined in the student handbook: www.westga.edu/handbook.

**Disabilities Act/Accessibility for the Course:**

If you are a student whom is disabled as defined under the Americans with Disabilities Act and require assistance or support services, please notify me and provide me with a copy of your packet from Student Services. The university will provide you with resources for any audio/visual needs that you may have with the learning management system or course content. Please contact UWG Accessibility Services for more information.

**Student Conduct:**

Students are expected to abide by the guidelines detailed in the university catalog. Respect and courtesy are required of all students while in the classroom/discussion board.