MATH 1111 - College Algebra
Section 14
Mon, Wed, Fri 10:10-11:00, 305 Boyd
Hours Credit: 3 hours
Prerequisites: None

COURSE INSTRUCTOR
Instructor: Scott Sykes
Office: 314 Boyd
Email: ssykes@westga.edu
Phone: 678-839-4125
OFFICE HOURS: Monday 11-12, 1:30-3:30
Tuesday 11-12, 1:30-3:30
Wednesday 11-12, 1:30-3:30
Friday 11-12

REQUIRED COURSE MATERIALS
TEXT AND OTHER REQUIRED COURSE MATERIALS.

TEXT: College Algebra and Trigonometry, by Julie Miller and Donna Gerken (McGraw Hill Education)

ALEKS: All students in MATH 1111 are required to have an ALEKS Account. Go to www.aleks.com to purchase an account. The course code for this section is DPWMG-DEWCD

Courses Description
This course is a functional approach to algebra that incorporates the use of technology. Emphasis will be placed on the study of functions, and their graphs, inequalities, and linear, quadratic, piece-wise defined, polynomial, rational, exponential and logarithmic functions. Appropriate applications will be included.

Learning Outcomes
Students should be able to demonstrate:
1. An understanding of the equations of circles and lines
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 a polynomial and how to factor 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 equations
8. An understanding of how to solve exponential and logarithmic equations
9. An understanding of how to solve a system of equation
COURSE ASSESSMENT

There will be 4 in class tests given on:
- Wednesday, February 8th
- Wednesday, March 1st
- Monday, April 3rd
- Wednesday, April 26th

In addition, there will be a final given on **Wednesday, May 3rd from 8:00-10:30.** The final counts as two tests.

You will also have a module due on ALEKS about every week (13 total). The module closes at 11:59 pm on the due date. Do not wait until the due date to do the module – if the site is not available, you will get a 0 for that module!

**NOTE:** Graphing calculators equivalent to the TI 83, 84, 85, and 86 will be allowed on the exam, as will scientific calculators. The TI-89 and other equivalent calculators will not be allowed.

At the end of the semester, you will have 7 grades: Test 1, Test 2, Test 3, Test 4, FINAL, FINAL, ALEKS. You can drop the lowest score and add the other 6 together. Your grade in the class is based on that total on the following chart:

**Grading Scale:**

<table>
<thead>
<tr>
<th>TOTAL</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>540-600</td>
<td>A</td>
</tr>
<tr>
<td>480-539</td>
<td>B</td>
</tr>
<tr>
<td>420-479</td>
<td>C</td>
</tr>
<tr>
<td>360-419</td>
<td>D</td>
</tr>
<tr>
<td>0-359</td>
<td>F</td>
</tr>
</tbody>
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OTHER COURSE INFORMATION
You are expected to attend class on a regular basis. Occasionally, in class, there may be extra points awarded for doing work.

COURSE POLICIES AND INFORMATION

University Policies
Please carefully review the following Common Language for all university course syllabi at the link:

http://www.westga.edu/assets/Dept/vpaa/Common_Language_for_Course_Syllabi.pdf

It contains important material pertaining to university policies and responsibilities. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

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. The following is also mandatory:

STUDENT ASSISTANCE:

The Math Tutoring Center in 205 Boyd and the Center for Academic Success offer free tutoring for this course. In addition, there will be Intervention Tutoring offered based on the results of your pre-quiz. You must sign up with the instructor and commit to certain tutoring policies to be eligible to attend the Intervention Tutoring sessions.
IMPORTANT DATES:

Friday, January 13        Module 1 Due
Wednesday, January 18    Module 2 Due
Monday, January 23       Module 3 Due
Monday, January 30       Module 4 Due
Monday, February 6       Module 5 Due

**Wednesday, February 8**       **TEST 1**
Friday, February 17       Module 6 Due
Wednesday, February 22    Module 7 Due
Monday, February 27       Module 8 Due

**Wednesday, March 1**       **TEST 2**
Friday, March 17          Module 9 Due
Friday, March 24          Module 10 Due
Friday, March 31          Module 11 Due

**Monday, April 3**        **TEST 3**
Monday, April 17          Module 12 Due
Monday, April 24          Module 13 Due

**Wednesday, April 26**    **TEST 4**

**Wednesday, May 3 (8:00-10:30)** FINAL

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**Drop Ends:**

**Last Day to Withdrawal with W:**

**Last Day of Class:**

**Final Exam Period:**

**No classes:**

Wednesday, January 11th
Thursday, March 2nd
Monday, May 1
May 3-9 (see The Scoop for specific times)
Monday, January 16th (MLK Day)
March 20th-24th (Spring Break)