

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:

TOTAL	GRADE
540-600	A
480-539	B
420-479	C
360-419	D
0-359	F

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/assetsDept/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	

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)