

MATH 1111
Section 8
MW 3:30-4:50
BOYD LECTURE HALL

INSTRUCTOR: Dr. Scott Sykes
OFFICE: 314 Boyd
OFFICE HOURS: Monday 11:00-12:00, 1:30-3:30
Tuesday 11:00-12:00, 1:30-2:30
Wednesday 11:00-12:00, 1:30-3:30
Friday 11:00-12:00, 1:00-2:00
Or by appointment
OFFICE PHONE: 678-839-4125
EMAIL: ssykes@westga.edu

Text: *Precalculus, 5e*, by Robert Blitzer (Pearson/Prentice Hall)

EXAMS: There will be 4 in class exams on the following dates (if you need to miss an exam for a documented reason, you need to talk to me BEFORE the exam. Any other missed exam is a 0).

Wednesday, Jan 28
Wednesday Feb 18
Wednesday March 11
MONDAY April 13

FINAL: The final will be on WEDNESDAY April 23 from 11:00-1:30.

HOMEWORK: You will need access to MyMathLab to complete the homework assignments for the class. An assignment will be posted every Wednesday and due the following Monday. The course code for MyMathLab for this class is **sykes50974**

GRADES: Each test is worth 100 points. The final is worth 200 points. Your homework average is worth 100 points. Add the 6 scores together and your grade for the class is determined by the following table

<u>GRADE</u>	<u>POINTS</u>
A	630-700
B	560-629
C	490-559
D	420-489
F	0-419

There is no extra credit at the end of the semester. Occasionally, during class, bonus points will be offered. If you miss a class when bonus points are offered, there is no way to get the bonus points.

For additional information about all your courses, go to
[http://www.westga.edu/assetsDept/vpaa/Common Language for Course Syllabi.pdf](http://www.westga.edu/assetsDept/vpaa/Common%20Language%20for%20Course%20Syllabi.pdf)

Course Number: MATH 1111

Course Title: College Algebra

Hours Credit: 3 hours

Prerequisites: None

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.

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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 equations

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.

IMPORTANT DATES:

<u>Assignment</u>	<u>Homework Available</u>	<u>Homework Due by midnight</u>
1	Wednesday Jan 7	Monday Jan 12
2	Wednesday Jan 14	Monday Jan 19
<u>NO CLASS MONDAY APRIL 19</u>		
3	Wednesday Jan 21	Monday Jan 26
TEST 1: Wednesday January 28		
4	Wednesday Feb 4	Monday Feb 9
5	Wednesday Feb 11	Monday Feb 16
TEST 2: Wednesday February 18		
6	Wednesday Feb 25	Monday March 2
<u>Friday February 27, LAST DAY TO WITHDRAWAL with W</u>		
7	Wednesday March 4	Monday March 9
TEST 3: Wednesday March 11		
<u>SPRING BREAK: March 18-22</u>		
8	Wednesday March 25	Monday March 30
9	Wednesday April 1	Monday April 6
10	Wednesday April 8	Monday April 13

TEST 4: MONDAY April 13

FINAL: Wednesday April 22, 3:00-4:30.

GRADES

HOMEWORK GRADES

Assignment	Grade
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
AVERAGE	

	GRADE
TEST1	
TEST2	
TEST3	
TEST4	
HOMEWORK AVG (above)	
FINAL	
TOTAL	