MATH 1111L – Support for College Algebra
Section 05
Tues/Thurs 3:30-4:20
304 Boyd Building

Hours Credit: 1 hour
Co-requisite: MATH 1111

COURSE INSTRUCTOR
Instructor: Dr Scott Sykes
Office: 314 Boyd
Email: ssykes@westga.edu
Phone: 678-839-4125

OFFICE HOURS: Mon, Wed 2:00-3:30
Tues, Thurs 1:00-2:00

REQUIRED COURSE MATERIALS

TEXT: *College Algebra and Trigonometry, Abramson, Openstax.* Student can download for free at [https://openstax.org/details/books/algebra-and-trigonometry](https://openstax.org/details/books/algebra-and-trigonometry). Students should go to “Download a PDF”. **This is the same text you will need for MATH 1111.**

**Description:** This Support course is intended to provide corequisite support for students requiring assistance in mathematics while they are enrolled in MATH 1111 – College Algebra. Topics will parallel topics being studied in MATH 1111 as well as the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions.

**Learning Outcomes**

Students should be able to demonstrate:

1. Express relationships using the concept of a function and use verbal, numerical, graphical and symbolic means to analyze a function.
2. Model situations from a variety of settings by using polynomial, exponential and logarithmic functions.
3. Manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical and symbolic form while solving a variety of problems which involve polynomial, exponential or logarithmic functions.
4. Apply a variety of problem-solving strategies, including verbal, algebraic, numerical, and graphical techniques, to solve multiple-step problems involving polynomial, exponential, logarithmic equations and inequalities and systems of linear equations.
5. Shift among the verbal, numeric, graphical and symbolic modes in order to analyze functions.
6. Use appropriate technology in the evaluation, analysis and synthesis of information in problem-solving situations.
COURSE ASSESSMENT

Since the goal of this class is to have students succeed in MATH 1111, students earn 100 points for making an A,B or C in MATH 1111. Any other grade results in 0 points.

In addition, each day students will receive a daily grade of 0-3 based on their participation and completion of any outside class activities assigned. Students should always bring with them any worksheets distributed in MATH 1111. Students not working or being disruptive will be docked points for that day. Note that you will receive a 0 if you do not attend.

At the end of the semester, you add all the grades above together:

<table>
<thead>
<tr>
<th>TOTAL POINTS</th>
<th>GRADE</th>
</tr>
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<tbody>
<tr>
<td>175+</td>
<td>A</td>
</tr>
<tr>
<td>150-174</td>
<td>B</td>
</tr>
<tr>
<td>100-149</td>
<td>C</td>
</tr>
<tr>
<td>0-99</td>
<td>F</td>
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COURSE POLICIES AND INFORMATION

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

https://www.westga.edu/UWGSyllabusPolicies/

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.

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.
IMPORTANT DATES:

First Day of Class: Monday, January 7
Drop Ends: Wednesday, January 9
Last Day to Withdrawal with W: Wednesday, February 27
Last Day of Class: Monday, April 29
Final Exam Period: May 1-7 (see The Scoop for specific times)
No classes: Monday, January 19 (MLK Day)
Monday March 18- Friday March 22 (Spring Break)