

MATH 1111L – Support for College Algebra

Hours Credit: 1 hour

Co-requisite: MATH 1111

COURSE INSTRUCTOR

Instructor: Carrie Carmack
Office: Boyd 104
Email: ccarmack@westga.edu

OFFICE HOURS

Monday 2:15 PM – 3:30 PM	Wednesday 2:15 PM – 3:30 PM	Friday 1:00PM – 3:00 PM
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REQUIRED COURSE MATERIALS

TEXT: *College Algebra and Trigonometry*, Abramson, Openstax. Student can download for free at <https://openstax.org/details/books/algebra-and-trigonometry>. Students should go to “Download a PDF” and download the High Resolution version. **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

70% of grade is based on MATH 1111. Students will receive full credit if they earn an A,B,C in MATH 1111. Students will receive no credit for any other grade.

30% of grade is based on daily assessments from MATH 1111L.

You will be given a 100 point assessment for each Lab lecture. You must be in attendance during the entire lecture to receive any credit.

*If you are absent during a lab lecture, you will not receive any credit for the daily assessment. If you are partially absent (arrive late/leave early), you will receive partial credit.

I will drop your two lowest daily assessment grades at the end of the semester.

Grading Scale:

90% - 100%:	A
80% - 89%:	B
70% - 79%:	C
<70%:	F

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.

Academic Honesty

Academic policies for Math1111L will be the same policies for Math1111.

NOTE: ALL FORMS OF ACADEMIC DISHONESTY SHOULD BE REPORTED AND THE STUDENT NOTIFIED.

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. The following is also mandatory:

IMPORTANT DATES:

<u>First Day of Class:</u>	Wednesday, August 15
<u>Drop Ends:</u>	Friday, August 17
<u>Last Day to Withdrawal with W:</u>	Monday, October 8
<u>Last Day of Class:</u>	Friday, December 7
<u>Final Exam Period:</u>	December 8-14 (see The Scoop for specific times)
<u>No classes:</u>	Monday, September 3 (Labor Day) Thursday October 4 and Friday October 5 (Fall Break) Monday November 19- Friday November 23 (Thanksgiving)