

MATH 0999 – Support for College Algebra  
Section 23  
Mon, Wed 1:20-2:10  
304 Boyd  
**Hours Credit:** 1 hour  
**Co-requisite:** MATH 1111

### **COURSE INSTRUCTOR**

**Instructor:** Dr Scott Sykes  
**Office:** 314 Boyd  
**Email:** [ssykes@westga.edu](mailto:ssykes@westga.edu)  
**Phone:** 678-839-4125

**OFFICE HOURS:** Mon, Wed, Fri 10:15-11:00 and Mon, Wed 3:30-5:00

### **REQUIRED COURSE MATERIALS**

**TEXT:** *College Algebra and Trigonometry, Abramson, Openstax*. Student can download for free at <https://openstax.org/details/books/algebra-and-trigonometry>. 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**

Each day students will receive a daily grade of 0-2 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:

<b>TOTAL POINTS</b>	<b>GRADE</b>
175+	A
150-174	B
100-149	C
0-99	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.

### **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:**

Wednesday, August 14

**Drop Ends:**

Tuesday, August 20

**Last Day to Withdrawal with W:**

Wednesday, October 9

**Last Day of Class:**

Friday, December 6

**Final Exam Period:**

December 7-13 (see The Scoop for specific times)

**No classes:**

Monday, September 2 (Labor Day)

Thursday October 3 and Friday October 4 (Fall Break)

Monday November 25- Friday November 29 (Thanksgiving)