

MATH 1111 - College Algebra

Hours Credit: 3 hours

Prerequisites: None

COURSE INSTRUCTOR

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

OFFICE HOURS

Monday
2:15PM – 3:30PM

Wednesday
2:15PM – 3:30PM

Friday
9:30AM – 10:00AM (appt. only)
10:00AM – 10:50AM

REQUIRED COURSE MATERIALS

- 1) **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.
- 2) Binder with notebook paper for taking notes.
- 3) Calculator. TI-89s or equivalent will not be permitted.

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. 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

Students' mastery of course learning outcomes will be assessed using the following methods:

1. Class Participation: These will be in and out of class assignments. If it is an in-class assignment, the student must be present during the entire assignment. Class Participation assignments cannot be taken late.
***The lowest 2 class participation assignments will be dropped at the end of the semester.**
2. EXAMS: You will be given 5 in-class exams during the semester.
****An exam can be taken up to 5 days late (including weekends). The student will incur an automatic 20-30 point deduction on their exam grade if they take the test late.**

If a test is scheduled for Monday and a student misses, they must take the exam by Friday. If a test is scheduled for Wednesday, and a student misses, they must take the exam by Monday. If a test is scheduled for Friday and a student misses, they must take the exam by the following Wednesday.

***To take an exam late, the student must contact the teacher within 2 days of the exam and schedule the exam during office hours only. The student will not be given extra time to complete the exam.**

****A student's Final Exam grade will replace their lowest exam grade.**

3. FINAL: Students will have a comprehensive final exam. Students are required to take the final exam on their scheduled day.

****The final exam schedule is found in the SCOOP on the Registrar's page. A student must take their final exam during their scheduled time, unless they receive prior instructor approval.**

****A student's final exam grade will replace the lowest test grade, if higher.**

4. **STUDENT-TEACHER MEETING:** The student is required to meet with the instructor **once** during the semester. The instructor will contact the student via their westga student email to schedule the first appointment. The student must respond to the initial teacher email within **2 weeks** to schedule an appointment. If a student fails to make their appointment time, they can reschedule **once**. If they fail to make the appointment a second time, they will receive a 0% for the grade.

ASSESSMENT GRADING:

Class Participation: 12%
Exams: 60%
Student-Teacher Meeting: 3%
Final Exam: 25%

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.

Grading Scale:

90% - 100%:	A
80% - 89%:	B
70% - 79%:	C
60% - 69%:	D
<60%:	F

OTHER COURSE INFORMATION

- 1) **Homework:** Homework will be given but not assigned for a grade. Homework is for practice only but is very important in retaining information. Homework can be found in CourseDen under **Content**.
- 2) **Extra Credit:** Extra credit is a privilege in this class. If a student is dishonest or disrespectful to their tutor/peers within a session, this privilege can be taken away at instructor discretion. Extra credit will be offered in this class via:
 - i) **Supplemental Instruction:** You must attend 50 minutes of a 1 hour session with our SI leader for 1 bonus point.
 - ii) **Tutoring:** You must attend 1 hour of tutoring in the Center for Academic Success for 1 bonus point.
*You must submit a CAS verification card for tutoring.

iii) **Math Tutoring Center – Boyd 205:** 1 hour of attendance at the MTC will yield 0.5 bonus points.

*You can acquire up to 10 bonus points at the MTC.

*You must keep up with your attendance using the attendance form **AND** you must **sign into the MTC when you arrive – sign out when you leave**. You will not receive bonus points if you did not sign in at the MTC.

*While at the MTC, you must actively work on math content to receive bonus.

****You may receive a maximum of 20 bonus points during the semester to go toward your exam grade.**

3) **Miscellaneous**

*Students are expected to come to class and be “present”. If you come to class to sleep, be disruptive, or use your phone, you may be asked to leave.

* If a student is absent from class, it is their responsibility to catch-up on any missed material. Students will not be permitted to have a copy of the instructor’s notes. If a student is absent from class, contact the instructor via email for any announcements and topics covered.

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/administration/vpaa/assets/docs/facultyresources/common_language_for_course_syllabi_v2.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.

Academic Honesty

Any form of academic dishonesty will result in a failing grade for the assignment for the first offense (students will not be able to replace this grade). A second offense will result in a failing grade for the course. All forms of academic dishonesty will be reported.

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:

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- 1) Cell phones and laptops will not be permitted in class, unless prior arrangements have been made with the instructor (emergencies, disabilities, etc). Continued use of cell phones/laptops will result in your dismissal of class.
- 2) Students are required to be courteous to others and the instructor. If a student is being disrespectful or disruptive, they will be asked to leave.

IMPORTANT DATES:

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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 21 (MLK Day)

Monday March 18- Friday March 22 (Spring Break)