EAST GEORGIA STATE COLLEGE
A unit of the University System of Georgia
131 College Circle Swainsboro, Georgia 30401-2699 Phone: 478-289-2000
Spring Semester-2025 Math 1111: College Algebra – Online

I. **Instructor: Mr. Keith Barrs (email - kbarrs@ega.edu)**
Office Location: EGSC Statesboro Center #1722 (GSU Nesmith Lane Building),
Phone 912-349-9399, email is the preferred way to contact me, **Student Office Hours**:

Mon	Tue	Wed	Thu
Student Office Hours **11:00-1:30pm Office #1722** **1:30 pm–2:30 Virtual**		**Student Office Hours** **12:00-2:30pm Office #1722** **2:30 pm–3:30 Virtual**	

II. **Course description**: A functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions, their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included.

This is a Core IMPACTS course that is part of the mathematics area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help master course content, and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:
- How do I measure the world?

Completion of this course should enable students to meet the following Learning Outcome:
- Students will apply mathematical and computational knowledge to interpret, evaluate, and communicate quantitative information using verbal, numerical, graphical, or symbolic forms.

Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies:
- Information Literacy
- Inquiry and Analysis
- Problem-Solving

III. **Prerequisites**: An acceptable score on the SAT, ACT, ACCUPLACER, or prior Area A math credit.

IV. **Textbook**: Algebra & Trigonometry, 11th Edition by Sullivan. MyLab Math is required for this course. Since the eText is included in MyLab Math, the hardcover and loose-leaf textbooks are optional.

This course is using inclusive access. Therefore, you do not need to purchase a MyLab Math access code from the bookstore or online from Pearson! However, if you choose to purchase your own access code, you may opt out of the inclusive access option.

To enroll in your section in MyLab Math, please follow these steps.

1. Log in to D2L/Brightspace. Chrome is a good browser to use.
2. Select your course in D2L.
3. Select "Enter MyLab Math" module. Then select "Pearson Course Materials" module.
4. Select "Open MyLab & Mastering" at top of screen.
5. You will now have access to MyLab Math (MyMathLab).

V. **Link to EGSC Learning Outcomes:** https://www.ega.edu/current-students/academics/core-curriculum-requirements.html

VI. **Evaluation**-Homework, Quizzes, Tests. Proctored midterm & final exam with HonorLock.

VII. **Grading**: Grades will be based on the following: **1**) **Homework & Quizzes:** (via MyMathLab) **100** points of your final grade. **2**) **Tests:** 3 tests will be given on MyMathLab. each test counts **100** points of your final grade. **3**) **Mid-Term (300 points) & Final Exam**: (**300** points) of your final grade. A comprehensive mid-term test will be given before **3/5/25 using HonorLock (additional fee required see below)**. A comprehensive final exam covering material from the semester will be given by **5/8/25 with HonorLock (additional fee required see below)**. No exemptions or make-ups will be granted for either of these tests. **EVERYONE MUST TAKE THE MID-TERM & FINAL EXAM!** You are **required** to take the mid-term and final exam tests using **the HonorLock service (an additional fee is required see below)**. Your final grade is determined by dividing earned points by possible points (**1000** points total possible). The following grade distribution is followed.

A-90-100%, **B**-80-89%, **C**-70-79%, **D**-60-69%, **F**-0-59%, **W** (withdrawal by mid-term)

VIII. **Attendance Policy**: Students are expected to participate in the class by reading emails and announcements daily. Online learning requires the learner to take more responsibility in the class. A student must verify their attendance when asked in the class or they may be dropped from the class. Do not wait until the last minute to do the work in the class.

IX. **Make-up Policy**: There will be **NO** make-up tests. A student who has **advanced permission** from the instructor to miss a test for a legitimate reason (documented cases of illness, death in the family or other documented reasons deemed appropriate by the instructor) **may** substitute (with prior instructor approval) the final exam grade for the missing test grade. Any student who does not take a test at the scheduled time **without the prior consent** of the instructor will receive a grade of zero (**0**) on that test.

X. **Plagiarism & Academic Dishonesty** (please see EGSC Student Handbook https://www.ega.edu/about/at-a-glance/policies-and-procedures-of-the-college/files/04-student-handbook.pdf

XI. **ADA Statement**: If any student has special needs because of learning disabilities or other disabilities, the student should provide the proper documentation and discuss this problem with the instructor in the privacy of their office. EGC statement can be found at: https://www.ega.edu/current-students/student-support/index.html

XII. **Course Withdrawal Policy Statement**: Withdrawal Date: The last day to withdraw from classes without academic penalty is **3/5/25**. Students are responsible for their own academic progress. Decisions regarding withdrawal from courses should only be made after consultation with an academic advisor. Before withdrawing from a course, students should meet with a Financial Aid representative to discuss their personal financial aid situation. More information regarding withdrawal from courses can be found in the EGC catalog at https://www.ega.edu/current-students/academics/add-drop-withdraw-from-class.html

XIII. **Campus Emergency Policy**:

a. In the event the fire alarm is sounded, everyone must evacuate the building at once and in a calm and orderly fashion, using the nearest exit. In the event of a severe weather warning everyone must proceed immediately to the nearest designated shelter area which are marked by a small tornado symbol. All severe weather shelter locations are posted on the EGSC website. Each student should, on the first day of class, determine the location of the nearest exit and the nearest designated shelter area for each of his or her classrooms. If you have difficulties locating either ask your instructor to assist you.

b. East Georgia State College utilizes a communication service to allow administrators and campus safety personnel to quickly contact you with voice and text messages that contain emergency-related campus information (e.g., campus closing, campus threat, health scare, etc.) With this service, East Georgia State College students and

employees can be reached and provided with vital information anywhere, anytime, through their cell phones, home phones, e-mail, TTY/TDD receiving devices, or other text-receiving devices.
c. EGSCS students should make themselves familiar with Georgia Southern University's Emergency Response Plan
https://finops.georgiasouthern.edu/emergencymanagement/wp-content/uploads/sites/8/WebSafe-Pages-from-EOP-KN-May-13-7-10-19.pdf
In the event of an emergency, EGSCS students should follow the instructions of EGSCS faculty and staff members and GSU campus officials.

XIV. **Additional Course Requirements: Calculator Policy**: The TI-83/84 graphing calculator is **required**. No unauthorized material may be stored in a calculator. Your calculator memory should be empty. **NO CELL PHONES or wearable computers are allowed as calculators! Computer Requirements**: Because this is an online course, it is extremely important that you have fast (Broadband), reliable, daily internet access. Not only do you need one computer with fast internet access, but you need access to another computer in case your first computer crashes or your internet goes down. You may use the computer labs at EGC campus, the GSU campus, or local library. **WARNING**: having technical difficulties will not be an acceptable excuse for failing to complete the assignments.

XV. **Daily Course Schedule**: A daily course schedule can be found on both the D2L and MyMathLab websites.

XVI. **EGSC Administrative Syllabus Statement for this semester:**
Go to this web address - https://www.ega.edu/academics/syllabus-administrative-statement.html

I reserve the right to modify the content, assignments, structure, and/or pacing of the course as necessary.

Additional Help: Tutorial center hours: call: 912-623-2400 (for Statesboro tutoring info)
call: 478-289-2151 (for Swainsboro tutoring info)
call: 706-729-2246 (for Augusta tutoring info)

Course Learning Outcomes (CLOs)

CA1. Students will be able to identify the fundamental components of relations, functions, and their graphs.
CA2. Students will be able to apply properties of functions.
CA3. Students will be able to solve, graph, analyze, and interpret linear, quadratic, exponential, and logarithmic functions.
CA4. Students will be able to solve real-world application problems involving linear, quadratic, exponential, and logarithmic functions.

HonorLock Proctoring Info

This course will utilize Honorlock for proctoring. Please note that the Honorlock service will cost around $9 per exam.

Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account or schedule an appointment in advance. Honorlock is available 24/7, and all that is required is a computer, a working webcam/microphone, your ID, and a stable internet connection. You will need to use Google Chrome. You also need to download the Honorlock Chrome Extension.

Honorlock support is available 24/7/365. If you encounter any issues, you may contact them through live chat on the support page or within the exam itself. Some guides you should review are Honorlock Minimum System Requirements, FAQs for Test-Takers, Honorlock Knowledge Base, and How to Use Honorlock.

When you are ready to complete your tests, log into D2L, go to your course, and click on your exam. Clicking "Launch Proctoring" will begin the Honorlock authentication process, where you will take a picture of yourself and show your ID. During the authentication steps, you may be prompted to complete a room scan. This is a student authentication step in which you will be asked to perform a 360-degree scan of your environment with the computer or webcam to confirm the integrity of the testing environment. Honorlock will be recording your exam session through your webcam, microphone,

and recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.

If you do not wish to participate in remote proctored exams, you may notify your professor at least a week prior to the date of the exam and schedule to take the exam at the ACE from one of the three EGSC campuses. The exam must be taken during the same period of time as the remote proctored exam. If you do wish to participate in remote proctored exams, you must complete the online consent form in D2L prior to the first proctored exam date.

If you have already been approved for special testing accommodations, you must notify your professor as soon as possible.

Math 1111 College Algebra- Course Content Schedule -Spring 2025

Chapter R Review Info - I highly recommend that you review this chapter in the textbook before you start the course.

Test 1 (Chapter 1) Information - Equations & Inequalities

Sections covered: Test 1 Schedule (Homework is on MyMathLab)

Section 1.1 Linear Equations
Section 1.2 Quadratic Equations
Section 1.3 Complex Numbers
Section 1.5 Solving Inequalities
Section 1.6 Equations and Inequalities with Absolute value
Section 1.7 Problem Solving: Interest, Mixture, Constant Rate Apps

Practice Problems for Test 1 (MyMathLab website) (click on "Take A Test")

Test 2 (Chapter 2 & 3) Information - Graphs & Functions

Sections covered: Test 2 Schedule (Homework is on MyMathLab)

Section 2.1 Distance and Midpoint Formulas
Section 2.2 Graphs of Equations in Two Variables
Section 2.3 Lines
Section 3.1 Functions
Section 3.2 The Graph of a Function
Section 3.3 Properties of Functions
Section 3.4 Library of Functions
Section 3.5 Graphing Techniques: Transformations

Practice Problems for Test 2 (MyMathLab website) (click on "Take A Test")

Test 3 (Chapter 5 & 6) Information - Polynomial & Rational Functions, Composite & One-to-One Functions

Sections covered: Test 3 Schedule (Homework is on MyMathLab)

Section 5.1 Polynomial Functions and Models
Section 5.2 Properties of Rational Functions
Section 5.3 Graphs of Rational Functions
Section 6.1 Composite Functions
Section 6.2 One-to-One Functions; Inverse Functions

Practice Problems for Test 3 (MyMathLab website) (click on "Take a Test")

Test 4 (Chapter 6) Information - Exponential & Logarithmic Functions

Sections covered: Test 4 Schedule (Homework is on MyMathLab)

Section 6.3 Exponential Functions
Section 6.4 Logarithmic Functions
Section 6.5 Properties of Logarithms
Section 6.6 Logarithmic and Exponential Equations
Section 6.7 Financial Models Compound Interest

Practice Problems for Test 4 (MyMathLab website) (click on "Take a Test")