EAST GEORGIA STATE COLLEGE
A unit of the University System of Georgia
131 College Circle, Swainsboro, Georgia 30401-2699, Phone: 912-623-2400
Math 0999: College Algebra Support Online, Spring Semester – 2025

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**	

I. **Course description**: Math 0999 – Support for College Algebra (Institutional Credit Only) This is a one credit hour co-requisite course with MATH 1111 - College Algebra. This Learning Support course provides corequisite support in mathematics for students enrolled College Algebra. Topics will parallel topics being studied in MATH 1111, and the course will provide support for essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides and 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.

II. **Prerequisites**: None.

III. **Textbook**: Algebra & Trigonometry, 11 th Edition by Sullivan. MyLab Math is required for Math 1111. Since the eText is included in MyLab Math, the hardcover and loose-leaf textbooks are optional.

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

V. **Evaluation**-Students will be evaluated through attendance and performance in the paired College Algebra course.

VI. **Grading**: Grades in this MATH 0999 and Math 1111 are separate. Your grade is determined by your attendance, class participation and assignments. Students with a D grade in Math 1111 will receive a D in MATH 1111 and IP in MATH 0999. Grades of F will be assigned F in MATH 1111 and an IP in MATH 0999. If you do not earn a C or higher in MATH 1111, you will be required to repeat both MATH 1111 and MATH 0999.

VII. **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.

VIII. **Make-up Policy**: There will be **NO** make-up work including tests.

IX. **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

X. **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

XI. **Course Withdrawal Policy Statement**: Withdrawal Date: The last day to withdraw from classes without academic penalty is **3/5/25**. Students may not withdraw from the co-requisite course without dropping or withdrawing from the MATH 1111 course also. 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 must meet with a Financial Aid representative to discuss their personal financial aid situation. More information regarding withdrawal from courses can be found in the EGSC Catalog.

XII. **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.

XIII. **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.

XIV. **Daily Course Schedule**: A daily course schedule can be found on both the D2L and MyMathLab websites for Math 1111.

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

Tutorial hrs.: 912-623-2400 **EGSC website** www.ega.edu **MyMathLab Support** 844-292-7015

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

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")