

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-2024 Math 1232: Survey of Calculus - 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 12:00am–12:30pm Virtual 1:45 pm–4:15pm Office #1722		Student Office Hours 11:00am–12:30pm Virtual 1:45 pm–4:15pm Office #1722	

- II. **Course description:** Course covers the fundamental elements of differential and integral calculus of algebraic, logarithmic and exponential functions. Topics include a brief review of algebraic principles, limits, derivatives and integrals. Oriented towards applications in business and economics. Appropriate technology will be incorporated throughout the course.

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:** A minimum grade of "C" in either Math 1111(College Algebra) or Math 1113 (Pre-Calculus) or Math 1101 (Math Modeling).
- IV. **Textbook:** You are required to have a MyMathLab passcode. The textbook is included (via online) with MyMathLab.
- V. **Link to EGSC Learning Outcomes:** <https://www.ega.edu/current-students/academics/core-curriculum-requirements.html>
- VI. **Evaluation-**Homework, Quizzes, Tests. Proctored final exam.
- VII. **Grading:** Grades will be based on the following: **1) Homework & Quizzes:** (via MyMathLab) **100** points of your final grade. **2) Tests:** 2 tests will be given on MyMathLab. each test counts **100** points of your final grade. **3) Mid-Term (100 points) & Final Exam:** (**300** points) of your final grade. A comprehensive mid-term test will be given before **3/1/24 using HonorLock (additional fee required see below)**. A comprehensive final exam covering material from the semester will be given by **4/30/24 on 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 (700 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 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> **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 **3/1/24 (SW/ST & Augusta)**. 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>
- 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. The **Connect-ED** system is a communication service that enables East Georgia State College administrators and security personnel to quickly contact all East Georgia State College students, faculty and staff with personalized voice and text messages that contain emergency-related campus information (e.g., campus closing, campus threat, health scare, etc.) With **Connect-ED**, East Georgia State College students can be reached and provided with vital instructions anywhere, anytime, through their cell phones, home phones, e-mail, TTY/TDD receiving devices, or other text-receiving devices. (<https://www.ega.edu/current-students/student-support/recieve-phone-alerts-connected.html>)
 - 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 Schedule:** A daily schedule can be found on both the D2L and MyMathLab websites.

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)

EGC website: www.ega.edu

MyMathLab Support: 844-292-7015

Course Learning Outcomes (CLOs)

1. Students will demonstrate an understanding of the elementary calculus concepts of limits, derivatives and integration on algebraic, exponential and logarithmic functions. The student will apply these concepts, with the aid of appropriate technology, to the solving of a variety of problems including real world situations related to business and economics.

Corresponding General Education Student Learning Outcomes

3. Students will demonstrate skill in logic and critical thinking.
4. Students will demonstrate proficiency at solving problems algebraically, numerically, and graphically.

Mental Health Resources

EGSC is part of the USG Student Mental Health Initiative, a multi-year collaborative that focuses on student mental health awareness, resources and response. Please visit the EGSC Counseling and Disabilities services webpage <https://www.ega.edu/current-students/student-support/index.html>

- Information on 24/7 counseling assistance and student navigators
- Link to mental health and physical health resources at LiveWell@ega.edu
- Link to JED Campus resources <http://www.ega.edu/jedcampus>
- 988 direct line to trained National Suicide Prevention Lifeline counselors Suicide hotline

ADA Statement

If you have or think you have a learning disability, please see: <https://www.ega.edu/current-students/student-support/index.html>

CAMPUS CARRY LEGISLATION (HB 280) Syllabus Statement

Beginning July 1st, 2017, new Campus Carry legislation relating to the carrying and possession of handguns on campus will be in effect in the University System of Georgia. Please review specific Campus Carry information on the College's website <https://www.ega.edu/about/at-a-glance/policies-and-procedures-of-the-college/13-weapons-and-explosives-policy.html> to determine the impact this new legislation may have on you, the student. Violation of the Campus Carry law is also a violation of the EGSC Student Code of Conduct.

Please direct questions or report suspected violations to

- EGSC Police Department: Main Campus: 478-289-2090
- Georgia Southern University Police Department: 912-478-5234
- Augusta University Police Department: 706-721-2911

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