

I. COURSE DESCRIPTION:

MAT 1033: Intermediate Algebra, 3 lecture hours, and 3 credit hours

Prerequisite: Math placement test score: (PERT: 114-122), or (CLT: 16-18), or (ACT Math: 19), or (SAT DIGITAL Math: 480), or (SAT Math: 24.0), or minimum grade of “C” in MAT 0012, or flexible placement.

Intermediate algebra receives only elective college credit and cannot be used to satisfy the math requirements for the AA degree. **Topics included:** factoring, algebraic fractions, radicals/rational exponents, complex numbers, quadratic equations, rational equations, linear equations/inequalities in two variables with graphs, systems of linear equations/inequalities, introduction to functions, and applications of the above topics.

You must earn a “C” or higher in this course in order to advance to MAC 1105, College Algebra or STA2122, Statistical Applications in Social Sciences I.

II. TEXT/SUPPORTING MATERIALS:

A. Text: Beginning & Intermediate Algebra, by Elayn Martin-Gay, 2023, 7th edition, Pearson, eBook ISBN 9780137644131 **OR RENT ONLY** Printed Textbook ISBN 9780137644520

B. Calculator: The mathematics department highly recommends using TI-83 or TI-84 calculator in this course; however, a student may use a scientific or a basic 4 function calculator. Cell phone calculators will not be permitted. Each student is expected to have his/her own calculator.

C. MyLab Math: This course **WILL NOT** use the MyLab Math software program.

D. Instructor Information

Instructor: Sharon Hudson

Instructor Credentials: MS in Applied Mathematics, Georgia Tech

Phone Number: (850) 769-1551 X3354

Email: shudson@gulfcoast.edu

III. LEARNING MANAGEMENT SYSTEM (LMS) USAGE NOTIFICATION:

For its LMS, Gulf Coast State College uses Canvas, which basically is a website that permits instructors to post online materials for their students. All assignments are submitted through Canvas (unless otherwise noted), so access to a computer is required for this course. Canvas contains the majority of the course content, including the course videos, study guide, quizzes, and reviews. Assignment due dates are posted in Canvas, and the gradebook will be set up in Canvas to calculate your grade. Course evaluations will also be administered via Canvas.

IV. STUDENT LEARNING OUTCOMES:**The student will:**

1. Solve and graph inequalities in two variables, systems of linear equations, and inequalities.
2. Factor polynomials.
3. Simplify expressions involving algebraic fractions, radicals and rational exponents.
4. Solve quadratic, rational, and linear equations including related application problems.
5. Identify and evaluate functions.
6. Perform operations with complex numbers.
7. Find the slope and rates.

V. COURSE OUTLINE: See the daily schedule for a detailed outline.**VI. ATTENDANCE-WITHDRAWAL-GRADE FORGIVENESS-ATTEMPTS:**

- A. Attendance Policy:** Regular class attendance and participation are significant factors that help promote success in any class. If you do not attend class for the first two weeks, you will be withdrawn.
- B. Withdrawal Policy:** Two withdrawals are permitted per course. After that, a grade will be assigned. Please be concerned about withdrawals. When admitting students into certain programs, universities may calculate withdrawals as grades. There are three kinds of withdrawals, student and administrative. Please see the manual of policy for detailed withdrawal policies.
 - 1. Student Withdrawal:** Students may withdraw from a course prior to the scheduled withdrawal deadline published in the college catalog. Student must log onto Lighthouse, go to the student tab, select Admissions Forms, then select Student Withdrawal Form, before the deadline.
 - 2. Administrative Withdrawal:** Administrative withdrawals are processed by instructors for excess absences. Withdrawals initiated prior to midterm will be recorded as “W”. There are no withdrawals initiated after the deadline. After this date, students will receive a grade.
 - 3. No Show:** Students who never attend the first two weeks of class shall be classified as “no show” and withdrawn from the course.
- C. Grade Forgiveness:** A student may repeat a course when a grade of “D” or “F” has been earned. The last grade counts. However, universities may count forgiven grades in calculating the grade point average. Forgiven grades may also be calculated in determining financial aid eligibility.
- D. Attempts:** This course, which is a college credit course, may be attempted three times. On the third attempt, 100% of the full cost of instruction will be charged.

Students with major extenuating circumstances may submit a letter of appeal stating the circumstances to the Counseling Center.

VII. HOMEWORK:

Homework will be assigned daily from the textbook, which will be part of your grade. The daily completion of all homework is essential for learning the material in the course and as preparation for the unit tests and final exam.

VIII. QUIZZES:

There will be quizzes for each unit, which will be part of your grade. There will be reviews for each unit test, which are not part of your grade.

IX. TESTING:

There will be five (5) unit tests and a comprehensive final exam. The unit tests will be announced in advance, will count equally, and will be returned. The final exam **will not** be returned. There are **no exemptions** for the final exam. The student is expected to keep up daily with the assigned work.

X. GRADING:

The average of the 5 unit tests will count 50% of your grade. Homework and Attendance will count 15% of your grade. Quizzes will count 15% of your grade. A comprehensive final exam (no exemptions) will count 20% of your grade. The college grading scale will be used to convert the numerical average to a letter grade. The grading scale is: A (100-90), B (89-80), C (79-70), D (69-60), and F (59-0).

XI. MAKE UP WORK:

If you miss a unit test and have a valid reason with documentation, you need to contact your instructor immediately. The final exam may be used to replace the lowest unit test grade at the discretion of the instructor.

XII. OTHER:

A. PaperCut

The PaperCut print management client is installed in all computer labs. The PaperCut user web console is accessed through the MyGCSC portal. The logon is the first part of your student email address, everything before the @mygulfoast.edu. Students will be required to add money to their PaperCut accounts before they are able to print. Money can be added to student print accounts by cash, credit, or debit card. Cash is accepted at PaperCut kiosks located in the Library. Credit and debit card payments, minimum \$5.00, can be made through the “add credit” tab on the PaperCut user web console. Instructions for the use of PaperCut are located at <https://www.gulfoast.edu/academics/academic-support-tutoring/information-technology-services/printing/web-portal.html>

B. Student Success

What to bring to class every day: calculator, paper/graph paper, pencil, and willingness to participate and to learn.

Outside of class: Studying requires discipline, tenacity, and hard work. View this course as a job. During a regular Fall or Spring term, students should plan to spend at least 6 to 9 hours per week outside of class working the homework and quiz assignments. During a condensed Summer term, this amount of time per week doubles. Attendance is absolutely necessary, as well as attentiveness to detail and alertness. Students are expected to take responsibility for their learning. If at any point during the semester you feel overwhelmed and stressed, please either come see your instructor, or talk to your academic advisor, or go to the counseling center.

XIII. AVAILABLE HELP:

1. Your Instructor

Full-time faculty have posted office hours on their schedules. Their offices are located on the second floor of the Student Union West Building. Students having difficulty are strongly encouraged to see the instructor for additional help.

Email/voicemail response time of the instructor: You can anticipate responses to inquiries and questions within 24-48 hours of receipt except on weekends and holidays. I generally reply to emails Monday – Friday.

2. GCSC MATH LAB

The Math Lab is on the second floor of the SUW building rooms 260 and 261 and their operating hours are posted on the Math Lab door. Please take advantage of this free tutorial service. There should be a link in your Canvas course to the Math Lab webpage that includes more information and their operating hours.

3. Videos

Videos for this course are in Canvas under the material for each test.

4. Counseling Center

Personal and academic counselors are available on the first floor of Student Union East and are there to help if you are struggling with academic or personal problems. The counselors adhere to the highest standards of confidentiality and will work with you so that you can succeed throughout your academic career. For more information, please contact:

Leigh Bailey: lbailey@gulfcoast.edu, 850-769-1551 ext. 4861

5. Academic Advisor/Academic Degree Plan:

Based on your selected major of study you are assigned to a faculty advisor. Your faculty advisor will work with you to complete your degree plan so that you know all the necessary requirements to graduate. Your academic advisor and degree plan are located on your major of study web page.

6. Accessibility Statement

Gulf Coast State College supports an inclusive learning environment for all students. If there are aspects of the instruction or design of this course that hinder your full participation, reasonable accommodations can be arranged. Prior to receiving accommodations, you must register with Student Accessibility Services.

Appropriate academic accommodations will be determined based on the documented needs of the student. For information regarding the registration process, email sar@gulfcoast.edu or call 850-747-3243.

7. **TRIO Student Support Services (SSS)** is a federally funded grant program which serves first generation students (neither parent has a 4-year bachelor degree), low-income students, and/or students with disabilities achieve their academic goals. Student success is at the center of everything we do in our program. We offer academic advising, 24/7 online tutoring in most subjects, textbook and computer/technology loans, transfer and cultural trips, assistance with financial aid applications and scholarships, career exploration and a dedicated computer lab and study area. All services are FREE to SSS program participants. Visit <https://www.gulfcoast.edu/current-students/trio/> to apply online or call (850) 913-2937 for more information. SSS is located in Student Union West rm89.

XIV. GENERATIVE ARTIFICIAL INTELLIGENCE (AI) POLICY:

See the student handbook for further information. Students with questions about acceptable use should consult their instructor.

Prohibited Use of AI: The use of AI-generated content is strictly prohibited in all assignments, class work, and throughout all stages of the work process, such as brainstorming, outlining, or drafting. This includes, but is not limited to, tools such as ChatGPT, Copilot, and Grammarly's AI function. Use of AI tools will be treated as a violation of academic integrity and may result in penalties, including a zero on the assignment and additional disciplinary actions as outlined in the college's academic integrity policy.

XV. USE OF ARTIFICIAL INTELLIGENCE (AI) TOOLS:

The Math Division at GCSC discourages you from utilizing AI as a substantial source of your learning. You are expected to do your own work in this course and will be graded on your mastery of the material herein. Although AI can be an outside resource for problem solving, it may not be a reliable source. What is most important in a math course is that you personally learn the step-by-step processes that it takes to find solutions to problems, to analyze data sets, to create mathematical models, and to apply what you have learned, in theory or through formulas, to applications of mathematics found in real-life instances.

For graded assignments (tests, quizzes, or otherwise), you will not be allowed to use any AI tools, such as chatbots, text generators, paraphraser, summarizers or solvers, to complete any part of your assignments. Using AI tools for graded assignments will be considered a form of academic dishonesty and could result in a grade of zero for the assignment and disciplinary action. If you have any questions about what constitutes acceptable uses of AI tools, inside or outside the classroom, please consult your instructor.

XVI. HB233 Statement:

In accordance with federal and state privacy laws, students may record class lectures for their own personal educational use, in connection with a complaint to the college, or as evidence in internal or external legal proceedings. Students may not publish or upload the recordings or any components thereof without the knowledge and written permission of the faculty member. Failure to obtain permission to publish could lead to the students' having to pay damages, attorney fees, and court costs. For more information about what can be recorded, please see the guidelines on pages 36-38 in the GCSC Student Handbook <https://www.gulfcoast.edu/current-students/documents/student-handbooks/2025-2026-student-handbook.pdf>.

XVII. CLASSROOM CONDUCT POLICY:

In order to promote a learning environment, in which you as a student may receive the greatest consideration, we will do all we can to prevent unnecessary interruptions and class disruptions. To this end, it is the stated policy of the Division of Mathematics that disruptions, absolutely and unequivocally, will not be tolerated in the classrooms administered by this division. To this end, we remind you that the **instructors are obligated** to adhere strictly to the following policies:

1. Everyone is required to be in class on time.
Anyone entering the classroom after the instructor has begun class is late and is a disruption to the class.
2. Disciplinary action in the case of cheating will be administered in accordance with college policy. As stated in the college course catalog "honest participation in academic endeavors fosters an environment in which optimal learning can take place and is consistent with the college's mission. Academic misconduct, including cheating and plagiarism, is destructive to the spirit of an educational environment and therefore cannot be condoned. The student handbook defines cheating to include, but not limited to, unauthorized assistance in taking quizzes, tests, or examinations; dependence upon the aid of sources beyond those authorized by the instructor; the acquisition without permission of tests or other academic materials belonging to (another student) or a member of the college faculty. In the case of this course cheating will result in you receiving the grade of "F".
3. The student must have prior consent of the instructor before leaving the class early.
If you must leave class early, notify the instructor before the beginning of class. We do not conduct "open" classrooms where individuals may arrive and exit at their discretion. This activity is disruptive to those trying to learn and will not be allowed. If you leave early without prior notification to the instructor, you will not be allowed back in the classroom without first obtaining permission from Mrs. Reynolds, Division of Mathematics Chair.

Face-to-Face Courses
STUDENT COURSE INFORMATION SHEET

4. The instructor is not to allow talking or other distractions to occur at inappropriate times. **Use of electronic communication devices** (including, but not limited to, cell phones, I-pods, IPAD's, Laptops, PDA's, MP3/Music players, etc.) are allowed in the classroom only at the discretion of the instructor and must be used only as they directly relate to the class. Talking or other disruptive behavior (including ringing cell phones) are distractions to other students and have no place in a college environment. Students who engage in such behavior will be asked to stop. If the behavior continues, the student(s) will be asked to leave and confer with Mrs. Reynolds, Division of Mathematics Chair, concerning the nature of the behavior then may be allowed back in the classroom. **NO** electronic devices will be allowed in the classroom on test days with the exception of an approved calculator.
5. **Absolutely no food** is allowed to be eaten in the classroom during class. **ONLY** soda, coffee, and water in a container closed with a lid is permitted in the classroom.
6. Infractions of discipline may be handled by the instructor as final authority.
The student has a right to appeal.

Academic Integrity Policy

Honest participation in academic endeavors fosters an environment in which optimal learning can take place and is consistent with the college's mission. Academic misconduct, including cheating or plagiarism, is destructive to the spirit of an educational environment and therefore will not be tolerated. "Cheating" includes but is not limited to use of any unauthorized assistance in completing course work. "Plagiarism" includes, but it not limited to, the use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment. Sanctions for incidences of academic misconduct, depending on the severity of the incidence and/or its repetition, may range from receiving an F grade (or zero) for the test, assignment, or activity, to failure of the course, to suspension or dismissal from the program or the college.

XVIII. OTHER INFORMATION:

More course information can be found on the **Daily Schedule** such as: section number, current semester, course schedule, division chair contact information, division administrative assistant contact information, and instructor contact information (name, telephone number, email, office location, and office hours).