

**MAC1105 COLLEGE ALGEBRA
STUDENT COURSE INFORMATION SHEET**

I. COURSE DESCRIPTION:

MAC 1105: College Algebra, 3 lecture hours, and 3 credit hours.

Prerequisite: Math placement test or a minimum grade of “C” in MAT 1033.

Topics: Functions and functional notations, domains and ranges of functions, graphs of functions and relations, operations on functions, inverse functions, linear functions, quadratic functions, rational functions, absolute value functions, radical functions, exponential and logarithmic properties, equations, systems of equations and inequalities, and applications.

STUDENT LEARNING OUTCOMES:

The student will:

1. Factor various algebraic expressions.
2. Solve and illustrate the graphs of absolute value inequalities; illustrate the graphs of equations and inequalities, with and without the aid of a graphing utility; examine and illustrate the graphs of functions. Solve absolute value equations.
3. Use appropriate methods to analyze and solve quadratic, radical, and other types of equations as well as systems of equations and inequalities.
4. Correctly use mathematical symbols and mathematical structure to examine and solve real world applications.
5. Correctly identify and evaluate functions and their inverses.
6. Students will correctly memorize and apply mathematical formulas and properties.

II. TEXT/SUPPORTING MATERIALS:

1. **Textbook:** MyLab Math with eTEXT for College Algebra 18weeks
ISBN 9780137423361
2. **Graphing Calculator:** A graphing calculator is required (TI-83 or TI-84). The problems in the text, software, and course videos are illustrated using the TI-84+. Students are expected to have their own calculators.
3. **Mathematics Web Site:** <http://www.gulfcoast.edu/mathematics/>

III. ATTENDANCE-WITHDRAWAL-GRADE FORGIVENESS-ATTEMPTS:

Attendance: 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 If you do not attend class for the first two weeks you will be withdrawn.

Withdrawals: There are two kinds of withdrawals.

1. Student Withdrawal –Students may withdraw from a course prior to the scheduled withdrawal deadline published in the college catalog. Students can go online to

<https://www.gulfcoast.edu/admissions/forms.html> select Student Withdrawal Form, before the deadline. This deadline is usually one week after **midterm**. **Beyond that point – if a student decides they no longer wish to be in this course they will receive the grade of ‘F’.** I will not be processing withdrawals simply because you are failing or no longer wish to take part in this class. It is your responsibility to withdraw from the course.

2. Administrative Withdrawal – Students who do not attend class for the first two weeks will be withdrawn. Excessive absences – more than a total of 4 – may also result in you being withdrawn. Again it is your responsibility to withdraw. Don’t assume you have been withdrawn.

Grade Forgiveness/Attempts: Refer to the College Catalog regarding these matters.

IV. EVALUATION:

1. **MyMathLab:** There will be quizzes and homework assignments for each unit in my MyMathLab. You are allowed to repeat each quiz and homework multiple times and the highest score is kept. There will be unit test reviews that will give you a good indication of how you will do on the tests in MyMathLab. There is also a final exam review.
2. **Testing:** There will be five unit tests and a final exam in MyMathLab. The unit tests will be announced in advance, and will count equally. There are **no exemptions** from the final exam.
3. **Grading:** The average of the 5 unit tests will count 50% of your grade. The quizzes will count 10%, reviews for tests will count 0%, homework will each count 15% of your grade. A comprehensive final exam (no exemptions) will count 25% 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).

V. MAKE UP WORK:

If you miss a unit test and you have a valid reason, your final exam grade may count as the first missing unit test grade. If you miss more than one unit test, you may take a makeup test (if you have a valid reason) at the discretion of the instructor. If you have not missed any unit tests, the final exam may be used to replace the lowest unit test grade at the discretion of the instructor; this does not include the quiz average. There are no unit test or final exam re-takes. Once a unit test or final exam has been taken the grade counts.

VI. AVAILABLE HELP:**1. Me**

See the daily schedule for my office hours in Canvas. I have 10 hours a week available to help you with your questions. You can also email me questions.

2. GULF COAST MATH LAB (Tutoring help!) Online or face to face.

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. They also offer online tutoring during specific hours. Please take advantage of this free tutorial service. There should be a link in your Canvas course to the Math Lab page that includes more information and their operating hours.

3. Online Videos

Course videos can be found on the Canvas under the test materials links. The videos are from the old edition book, but the topics are the same. If you miss a class, it is strongly encouraged that you watch these useful videos.

4. 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.

VII. 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:

Turn off cell phones upon entering class!**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. The instructor must implement an appropriate policy to discourage late arrivals.

2. 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, Chair of the Division of Mathematics.

3. The instructor is not to allow talking or other inappropriate distractions to occur.

Talking or other disruptive behavior (including all electronic devices such as IPODS, Blackberries, cell phones, except approved graphing calculators) is a distraction to other students and has no place in a college environment. Students who engage in such behavior will be asked to stop. If the behavior continues, the student will be asked to leave and confer with Mrs. Reynolds, Chair of the Division of Mathematics, concerning the nature of the behavior before being allowed back in the classroom.

4. **NO FOOD IS ALLOWED IN THE CLASSROOM.**
5. Please stay off computers during lectures.
6. Infractions of discipline may be handled by the instructor as final authority.
7. The student has a right to appeal.

VIII. HOUSE BILL 233 RECORDING CLASSES

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/student-handbooks/2021-2022-student-handbook.pdf>.

IV. COVID STATEMENT

Division Policies Regarding COVID-19:

1. The health and safety of students and faculty are a priority. Students and faculty should practice social distancing when possible.
2. If you are sick, please stay home to protect others. Notify your professor of your condition by phone or email.
3. If you test positive, stay home for 5 days and please inform your instructor(s) to make plans for course requirements to be met. Also inform David Thomasee, GCSC Executive Director of Operations, at 850-873-3582. (Email: dthomasee@gulfcoast.edu) You will receive added instructions at that time. Confidentiality will be kept.
4. This information is subject to change. The most up-to-date information regarding Covid-19 should be available at <https://www.gulfcoast.edu/covid-19-coronavirus.html>.

