



MATH 1314-109/609H2

College Algebra FALL 2025

Lecture: 2:00pm – 4:50pm MW STEAM Room 115

Instructor Information: Gabriela Peña, gpena3@com.edu
Office: **STEAM 325-07**
Office Phone #: 409-933-8182

Student hours and location: Schedule your time via <https://calendly.com/gpena3>

Monday	1 – 2pm, 5 – 5:30pm	STEAM 325-07
Tuesday	9:55am – 10:55am	Tutoring Center
Tuesday	2:30pm – 3:30pm	STEAM 325-07
Wednesday	9 – 9:30am, 1 – 2pm, 5 – 5:30pm	STEAM 325-07
Thursday	9:55am – 10:55am	STEAM 325-07
Thursday	2:30pm – 3:30pm	Online

Others by Appointment

Required Textbook/ Materials:

- College Algebra, by Beecher, Penna, Bittinger, fifth edition, published by Pearson. Textbooks and/or courseware will be available digitally. Cost of the course materials have **already been paid for with your tuition**. The course materials will be available on the first day of class and you will be given the opportunity to opt-out of the e-book prior to the census day of the class. If you choose to opt out then you will not be able to submit any of your assignments, which will lead to not being successful in the class. You will receive an email with more information about the use of the course materials closer to the start of the semester. The homework and quizzes as well as the e-text and videos for this course are online at mymathlab through Brightspace.
- Laptop or desktop with a functioning **webcam** and microphone or external Webcam. The Webcam must be used during quizzes and Exams on MyLabMath.

Textbook Purchasing Statement: E-Book via MyLab Math in Brightspace - D2L
(No Purchase Necessary, unless you Opt Out)

Course Description: This course is designed to develop skills and understanding in the following areas: relations and functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational), with a special emphasis on linear and quadratic expressions and equations.

Delivery of Course: This course is a hybrid format, requiring in-person attendance on **Mondays** and **Wednesdays** each week from **2:00 PM to 4:50 PM**. In addition to attending class, you will be responsible for watching online lectures available on D2L-Brightspace. Each lecture, whether conducted in class or online, will have a corresponding MyLab Math assignment.

Course requirements (including description of any special projects or assignments):

1. Three Chapter Tests
2. Comprehensive Final Exam
3. *MyLab Math (MML)* Online Assignments
4. Quizzes Assignments

Determination of Course Grade/Detailed Grading Formula (methods of evaluation to be employed to include a variety of means to evaluate student performance):

<u>MyLab Math</u> Homework	10%
Quiz Average	15%
Chapter Exam (Each Exam is 20%)	60%
Final Exam	15%

Homework Assignments on MyLab Math: There is a homework assignment for each section covered in class or online lecture video. These are listed on the course outline beginning on **page 5** of this syllabus. Twenty percent will be deducted from the score of a homework assignment if it is not finished by its due date. Although the homework is online at mymathlab.com, and the answers are entered online, you should write your work on paper, neatly showing all steps, and keep it in your notebook with your lecture notes for future reference. Both may serve as an aid for preparing for quizzes and exams, and as a place to begin when seeking assistance from your instructor, the math lab tutor, or from your peers. You will have several attempts to answer a question correctly on the homework assignments.

Quizzes on MyLab Math: There are four quizzes which relate to the student learning outcomes. They are to be done on MyLab Math. You will need to use **Respondus Monitor/Lockdown Browser** for quizzes. If your device does not support **Respondus Monitor/Lockdown Browser** it is your responsibility to secure a compatible device. Unlike homework assignments, the quizzes must be taken in **one sitting**, they are timed, and the student only gets one attempt to answer each question. The quizzes can only be taken twice. If not taken by its due date 20% will be deducted. The higher of the two grades will be used to determine the student's quiz average on MyLab Math.

Quiz Proctoring Policy:

All Quizzes require Respondus Monitor/Lockdown Browser on MyLab Math:

1. **Webcam required:** You must have your face, workspace (desk area), and hands clearly visible **always**.
2. **Picture ID:** You will be asked to show a picture ID where your name and picture are visible.
3. **Environment:** You must be alone in a quiet, well-lit room. No headphones, earbuds, or notes are permitted unless specified by the instructor.
4. **Verification:** Prior to starting each exam, you will be asked to show a 360° view of your room and your desk.
5. **Live Monitoring:** Your camera must remain active during the entire exam session. Leaving the session without permission will result in a grade of zero. Covering the camera will result in a grade of zero.
6. **Technical Issues:** Notify the instructor immediately if technical issues occur during an exam.
7. **Academic Integrity:** Any violation of exam policies will be considered academic dishonesty and may result in a zero on the exam and further disciplinary action. If the camera is covered at any time throughout the assessment your grade will be 0.

Three Chapter Tests & Final Exam: There are three tests which cover the chapters in the textbook. The tests are given on the dates listed on the Course Outline. The student has one hour and twenty minutes to take each exam. There are no make-up exams **unless** the student notifies the instructor in writing **prior** to the Exam and the professor determines if it is a legitimate reason. You are only allowed to make-up one exam in the semester, given that any necessary paperwork is provided. If you are permitted to make-up the exam, there is a deadline for completing the exam, and if the deadline is not met, the score for the exam will be recorded as a zero. Exams may not be retaken..

The Final Exam score will replace your lowest exam score for the semester if you meet both of the following conditions: attendance of at least 11 of our 15 class meetings AND submission of all required work for the Online Exam in D2L. To be marked as present, you must attend the full duration of each class session, which is 2 hours and 50 minutes on Mondays and Wednesdays.

Grading Scale:

Grade A: Final Average is [89.5, 100]

Grade B: Final Average is [79.5, 89.5)

Grade C: Final Average is [69.5, 79.5)

Grade D: Final Average is [59.5, 69.5)

Grade F: Final Average is [0, 59.5)

Grade I: Given unforeseen circumstances that result in the inability to successfully complete the course objectives, an I-Contract can be requested from the instructor assuming you meet the following criteria:

1. Have a passing overall average (70 or higher)
2. All work completed except for The Final Exam

Attendance Policy: Students at the College of the Mainland (COM) are expected to attend and actively participate in every session of their registered classes. Regular attendance is crucial for success, as excessive absences strongly correlate with failing grades. COM does not recognize excused absences except as required by law. Consistent attendance is vital for succeeding in this course, and students with excessive absences may be referred to Student Services.

If you must miss a class, consult the information provided in MyMathLab and the course calendar to stay prepared and on track for when you return. Remember, you are still responsible for completing any work due for the next class.

As a reminder, your Final Exam score can replace your lowest exam score of the semester if you meet the following conditions: attendance to at least 11 out of our 16 class meetings. To be marked as present, you must attend the full duration of each class session, which is 2 hours and 50 minutes on Mondays and Wednesdays.

Communicating with your instructor: ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means.

Student Learning Outcomes

Student Learner Outcomes	Maps to Core Objective	Assessed via this assignment
1. Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses.	Critical Thinking Skills (CT)	Exam 1
2. Recognize and apply polynomial, rational, exponential and logarithmic functions and solve related equations.	Critical Thinking Skills (CT)	Exam 2, 3
3. Apply graphing techniques.	Visual Communication Skills (CS)	Quiz 3
4. Evaluate all roots (zeros) of higher degree polynomials and rational functions.	Critical Thinking Skills (CT)	Quiz 2
5. Recognize, solve and apply systems of linear equations using matrices.	Empirical and Quantitative Skills (EQS)	Exam 4

Academic Dishonesty: College of the Mainland is committed to a high standard of academic integrity. All students are responsible for honesty and independent effort. Incidents of academic and scholastic dishonesty (including cheating, plagiarism, and collusion) will be dealt with in a manner that is consistent with College Policy and the Student Handbook. Any student found to have been academically dishonest on a quiz or test will receive a zero on that quiz or test and forfeit the chance to retake. In addition, he or she will be referred to the Office of Student Conduct for further disciplinary action. For the second offense, students will be given an “F” for the class. Please read the sections on *Standards of Student Conduct and Discipline and Penalties* in the on-line Student Handbook. A graphing calculator is needed for this course. A Texas Instruments TI 83 Plus or TI 84 Plus is recommended. A TI 89 or higher cannot be used in this course.

Academic Success Resources

Tutoring

The Tutoring Center is here to support your academic success! We offer free, personalized academic assistance through one-on-one tutoring, available both in person and online. Need help after hours? Tutor.com provides 24/7 support and is accessible through your D2L course shell. Whether you're looking to master course material or boost your learning habits, we're here to help. For more information, visit <https://www.com.edu/tutoring>, email us at tutoringcenter@com.edu, or contact us at 409-933-8703

Success Coaching

The Math Success Coach is here to help you navigate this course and stay on track both academically and personally. Support is offered through one-on-one coaching sessions covering topics such as time management, goal setting, stress management, study habits, and motivation. Whether you're overcoming challenges or aiming to improve your performance, the Math Success Coach provides encouragement, accountability, and practical tools for success. Email successcoaching@com.edu for more information.

Student Concerns: If you have any questions or concerns about any aspect of this course, please contact me using the contact information previously provided. If, after discussing your concern with me, you continue to have questions, please contact the Department Chair, Mr. Leslie Richardson at (409)933-8329.

Course outline:(Due dates are the last day that the assignment can be submitted, it's suggested to be completed before.)

Week	Dates	Math 1314-109 H2	Due Dates by 11:59pm
1	October 13-17	In Class Lectures and Complete MML Assignment by Due Date	
		Syllabus Quiz on D2L	10/16/25
		1.1 Introduction to Graphing	10/16/25
		1.2 Functions and Graphs	10/19/25
		1.5 Linear Equations, Functions, Zeros, Applications	10/19/25
		2.1 Increasing, Decreasing, and Piecewise Functions	10/19/25
		2.2 The Algebra of Functions	10/19/25
		Watch the Online Lectures and Complete MML Assignment by Due Date	
		1.3 Linear Functions, Slope, and Applications	10/19/25
		1.4 Equations of Lines	10/19/25
		Quiz 1 (Sections 1.1-1.5)	10/19/25
2	October 20-24	In Class Lectures and Complete MML Assignment by Due Date	
		2.2 The Algebra of Functions	10/23/25
		2.3 The Composition of Functions	10/23/25
		2.5 Transformations	
		Practice Lock Down Browser	
		Test 1 Review in class in class	
		Watch the Online Lectures and Complete MML Assignment by Due Date	
		3.2 Quadratic Equations, Functions, Zeros, Models	11/2/25
3	October 27-31	In Class Lectures and Complete MML Assignment by Due Date	
		Test 1 (Chapters 1 & 2) in class on October 27, 2025	10/27/25
		3.3 Analyzing Graphs of Quadratic Functions	11/2/25
		3.2& 3.3 Practice in Class	11/2/25
		4.2 Graphing Polynomial Functions	11/6/25
		Watch the Online Lectures and Complete MML Assignment by Due Date	
		4.1 Polynomial Functions	11/6/25
4	November 3-7	In Class Lectures and Complete MML Assignment by Due Date	
		4.3 Remainder and Factor Theorems	11/6/25
		4.5 Rational Functions	11/9/25
		Test 2 Review in class on November 7, 2025	
		Watch the Online Lectures and Complete MML Assignment by Due Date	
		Quiz 2 (Sections 3.2, 4.3 & 4.5)	11/9/25
5	November 10-14	In Class Lectures and Complete MML Assignment by Due Date	
		4.5(Recap)	
		Test 2 (Chapters 3, 4) on November 10, 2025	11/10/25
		5.1 Inverse Functions	11/13/25
		Watch the Online Lectures and Complete MML Assignment by Due Date	
		5.2 Exponential Functions and Graphs	11/16/25
6	November 17-21	In Class Lectures and Complete MML Assignment by Due Date	
		5.3 Logarithmic Functions and Graphs	11/20/25
		Quiz 3 (Sections 5.1-5.3)	11/23/25
		5.4 Properties of Logarithmic Functions	11/23/25
		5.5 Solving Exponential and Logarithmic Equations	11/23/25
		Watch the Online Lectures and Complete MML Assignment by Due Date	
		5.6 Applications	11/23/25
		Test 3 Review	11/23/25
7	November 24-26	In Class Lectures and Complete MML Assignment by Due Date	
		Test 3: Chapter 5 In Class on November 24, 2025	11/24/25
		6.1 Systems of Equations in Two Variables	11/30/25
		6.3 Matrices and Systems of Equations	11/30/25
		Watch the Online Lectures and Complete MML Assignment by Due Date	
		6.2 Systems of Equations in Three Variables	11/30/25
		Quiz 4(6.1-6.3)	11/30/25
	November 27-30	Thanksgiving Holiday	
8	December 1-5	In Class Lectures and Complete MML Assignment by Due Date	
		Review for Final Exam in class on 12/1/25	12/1/25
		Final Exam in Class on 12/3/25	12/3/25
		Watch the Online Lectures and Complete MML Assignment by Due Date	

PLEASE NOTE: The syllabus is subject to change at the discretion of the instructor.

Census Day – October 20, 2025

W-Day – November 25, 2025

Institutional Policies and Guidelines

Grade Appeal Process: Concerns about the accuracy of grades should first be discussed with the instructor. A request for a change of grade is a formal request and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook <https://www.com.edu/student-services/student-handbook.html>. *An appeal will not be considered because of general dissatisfaction with a grade, penalty, or outcome of a course. Disagreement with the instructor's professional judgment of the quality of the student's work and performance is also not an admissible basis for a grade appeal.*

Academic Success & Support Services: College of the Mainland is committed to providing students the necessary support and tools for success in their college careers. Support is offered through our Tutoring Services, Library, Counseling, and through Student Services. Please discuss any concerns with your faculty or an advisor.

ADA Statement: Any student with a documented disability needing academic accommodations is requested to contact:
Kimberly Lachney, Student Accessibility Services Coordinator
Phone: 409-933-8919
Email: AccessibilityServices@com.edu
Location: COM Doyle Family Administration Building, Student Success Center

Textbook Purchasing Statement: A student attending College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

Withdrawal Policy: Students may withdraw from this course for any reason prior to the last eligible day for a "W" grade. Before withdrawing students should speak with the instructor and consult an advisor. Students are permitted to withdraw only six times during their college career by state law. The last date to withdraw from the 1st 8-week session is October 1. The last date to withdraw from the 16-week session is November 14. The last date to withdraw for the 2nd 8-week session is November 25.

FN Grading: The FN grade is issued in cases of *failure due to a lack of attendance*, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities, and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

Early Alert Program: The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer in order for you to meet your academic goals.

Resources to Help with Stress:

If you are experiencing stress or anxiety about your daily living needs including food, housing or just feel you could benefit from free resources to help you through a difficult time, please click here <https://www.com.edu/community-resource-center/>. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork, by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at deanofstudents@com.edu or communityresources@com.edu.

Nondiscrimination Statement:

The College District prohibits discrimination, including harassment, against any individual on the basis of race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy.