MATH 1314-307C3
College Algebra
Fall 2025

Instructor Information: Christopher Billot, cbillot@com.edu, 281-482-3413 ext. 3654

Student hours and location:
Class hours: Monday - Friday from 11:53 am – 12:43 pm in room 2429
Office hours: Monday-Friday from 7:40 am – 9:30 am/11:17 am - 11:47 am/3:55 pm – 4:20 pm in room 2429

Required Textbook/Materials:
1. Textbook: College Algebra, by Beecher, Penna, Bittinger, fifth edition, published by Pearson
2. Access to a desktop computer or laptop and internet service outside of class is required to gain access to the necessary online assignments.
3. MyLab Math (MLM) software is required for Math 1314.
4. MyLab provides access to the e-text for the textbook and all course assignments. **(No Purchase Necessary)**
5. 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.

Course Description: College Algebra is an in-depth study and application of polynomial, rational, radical, exponential, and logarithmic functions, and systems of equations using matrices.

Course requirements:

MyLab Math (MLM) Online Assignments – Go to your Brightspace course. You can access **D2L Brightspace at COM** at http://com.brightspace.com.
- **Homework:** Homework assignments will be given each week for every section covered in the course. Homework assignments will count as 10% of your final grade.
- **Quizzes:** Four quizzes will be given online using MyLab. You need to show work on paper that will be turned in to the instructor. You retake each quiz just once to improve your score. The retake must be completed on the same day that the quiz was given. You will have until the end of the day to complete the retake. The highest score from either the original or retake will be the one that counts. Cumulatively, the quizzes will count as 15% of your final grade.
- **Exams:** Three exams will be given, and you will be provided with a review to prepare for each exam. The exams will be taken in person and on paper. Each exam will count as 20% of your final grade.
- **Final Exam:** The comprehensive final exam will be given at the end of the course during Week 17. The final exam will be worth 15% of your final grade. The lowest Chapter Exam score can be replaced with the score from the Final Exam.

Determination of Course Grade/Detailed Grading Formula:

Grading Formula:
The following formula will determine the course grade:

Final Average:			Grading Scale:	
	60%	Chapter Exam Average		Grade A: Final Average [89.5 – 100]
	15%	Final Exam		Grade B: Final Average [79.5 – 89.5)
	15%	Quiz Average		Grade C: Final Average [69.5 – 79.5)
	10%	Homework Average		Grade D: Final Average [59.5 – 69.5)
				Grade F: Final Average [0 – 59.5)

Late Work, Make-Up, and Extra-Credit Policy:

- **Homework**: You are expected to complete your work by the due date. Late work will not be accepted for any assignment.
- **Quizzes**: You cannot make up a quiz. A specified deadline will be given, and you will not be allowed to submit late.
  - If a quiz or homework assignment is not submitted by the deadline, a grade of zero will be recorded for the assignment.
- **Unit Exams**: Generally, there are no make-up exams. A make-up exam will only be allowed at the discretion of the instructor and only under extenuating circumstances and is limited to one make-up chapter exam. If it is necessary to miss an exam:
  1. You are required to petition the instructor in writing using your COM email **before** the exam is given to be considered for a make-up exam.
  2. Only in extenuating circumstances of a serious nature that are documented will be considered.

  Realize that not being prepared for the exam is not a legitimate reason for a make-up exam, nor is scheduling work/appointments/vacations during the class period. **All other missed tests will be assigned a zero, and the zero(s) will be used to calculate the overall grade in the course.**
- **Extra Credit:** Occasionally, extra credit points will be offered to the entire class; however, individually, extra credit assignments will not be available.

Attendance Policy: Attendance and classroom participation is required. Excessive absenteeism may result in a student being withdrawn from the course. More than three absences are considered excessive. Students will also be counted absent:

1. Arriving to class 10 minutes late or later.
2. Taking a break during the class period for a significant amount of time (more than 10 minutes) or multiple breaks.
3. Sleeping during the class period.
4. Leaving early (10 minutes or longer).
5. Using cellphone(s) and /or earbuds/headsets during the class period unless authorized by the instructor.

You cannot make up classes, and it is your responsibility to be punctual and regular in attending class. If you find that you are having trouble arriving on time, adjust your schedule accordingly. Also, please be advised that it is **your** responsibility to get caught up when a class is missed.

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. (Faculty may add additional statements requiring monitoring and communication expectations via Blackboard or other LMS.)

You must log in and be active in MyLab at least three times each week. In addition to time spent doing homework, taking quizzes and exams, it will be necessary to study, using the course materials, at least 4 hours per week to be successful in the class.

Table Mapping SLO's and Core Objectives

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

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 an assignment, quiz, or exam will receive a zero for that assignment, quiz, or exam, and he or she will be referred to the Office of Student Conduct for further disciplinary action. Please read the sections on *Standards of Student Conduct and Discipline and Penalties* in the online Student Handbook.

Student Concerns: If you have questions or concerns about any aspect of this course, please contact me at cbillot@com.edu. If after discussing your concern with me and you continue to have questions, please contact Mr. Leslie Richardson at (409) 933-8329 or lrichardson@com.edu.

Additional Policies

Productive Workplace
Students are expected to bring all tools necessary for success to class every day. These tools include writing implements, notebook/note paper, and an approved calculator. All other items (backpacks, purses, bags, laptops, etc.) must be placed under your desk. In addition, headsets/wireless earbuds are to be placed in your backpacks and cell phones will need to be placed in the cellphone rack before class starts.

Recording of Class
Students may not record all or part of class and/or part of a livestream without advanced written consent of the instructor. If you have or think you have a disability such that you need to record class-related activities, please contact the Student Disability Services. If you have an accommodation to record class-related activities, those recordings may not be shared with any other student, whether in this course or not, or with any other person or on any other platform. If any instructor's recordings are provided, students may use instructor's recordings for their own studying and notetaking. Instructor's recordings are not authorized to be shared with anyone without the prior written approval of the instructor. Failure to comply with requirements regarding recordings results in a disciplinary referral and/or disciplinary action.

Testing Policy
1. Prohibited devices include, but are not limited to:
   - Graphing calculators or any other unapproved calculators
   - Cell phones and smart watches
   - Audio players/recorders, tablets, laptops, notebooks, or any other personal computing devices
   - Cameras or any other photographic equipment
   - Any devices, including digital watches, that can be used to record, transmit, receive, or play back audio, photographic, text, or video content.

2. If your device makes a sound or is in your possession when the device goes off, you may be dismissed, and your score may be recorded as a zero.

3. **If you leave the classroom at any time during an exam, the exam must be submitted for grading.**
   - Therefore, it is strongly advised that students take care of all personal business before entering the classroom to take an exam.

Course outline: (include calendar with lecture topics, due dates)

Math 1314 College Algebra Fall 2025 Calendar

Month	Week	Date	Day	Topic	Sections	Month	Week	Date	Day	Topic	Sections
August	1	11	Monday	Student Holiday	Holiday	October	11	20	Monday	Holiday	Holiday
		12	Tuesday	Introductions to Class	Intro			21	Tuesday	Inverse Functions	5.1
		13	Wednesday	Introduction to Graphing	1.1			22	Wednesday	Lab Day	Lab
		14	Thursday	Lab Day	Lab			23	Thursday	Exponential Functions	5.2
		15	Friday	Functions and Graphs	1.2			24	Friday	Lab Day	Lab
	2	18	Monday	Lab Day	Lab		12	27	Monday	Logarithmic Functions	5.3
		19	Tuesday	Linear Functions, Slope, and Applications	1.3			28	Tuesday	Lab Day	Lab
		20	Wednesday	Lab Day	Lab			29	Wednesday	Quiz 3 (5.1 -5.3)	Quiz
		21	Thursday	Equations of Lines and Modeling	1.4			30	Thursday	Properties of Logarithmic Functions	5.4
		22	Friday	Lab Day	Lab			31	Friday	Lab Day	Lab
	3	25	Monday	Linear Equations, Functions, Zeros, and Applications	1.5	November	13	3	Monday	Solving Exponential and Log Equations	5.5
		26	Tuesday	Lab Day	Lab			4	Tuesday	Lab Day	Lab
		27	Wednesday	Quiz 1 (1.1 – 1.5)	Quiz			5	Wednesday	Growth and Decay; Compound Interest	5.6
		28	Thursday	Increasing, Decreasing, and Piecewise Functions	2.1			6	Thursday	Lab Day	Lab
		29	Friday	Lab Day	Lab			7	Friday	Review for Exam 3	Review
September	4	1	Monday	Student Holiday	Holiday		14	10	Monday	Review for Exam 3	Review
		2	Tuesday	The Algebra Functions	2.2			11	Tuesday	Exam 3 (Ch. 5)	Exam
		3	Wednesday	Lab Day	Lab			12	Wednesday	Exam 3 (Ch. 5)	Exam
		4	Thursday	The Composition of Functions	2.3			13	Thursday	Systems of Equations in Three Variables	6.2
		5	Friday	Lab Day	Lab			14	Friday	Lab Day	Lab
	5	8	Monday	Transformations	2.5		15	17	Monday	Matrices and Systems of Equations	6.3
		9	Tuesday	Lab Day	Lab			18	Tuesday	Lab Day	Lab
		10	Wednesday	Review for Exam 1	Review			19	Wednesday	Quiz 4 (6.2 – 6.3)	Quiz
		11	Thursday	Review for Exam 1	Review			20	Thursday	Review for Final Exam	Review
		12	Friday	Exam 1 (Ch. 1 & 2)	Exam			21	Friday	Review for Final Exam	Review
	6	15	Monday	Exam 1 (Ch. 1 & 2)	Exam		16	24-28	MTWRF	Thanksgiving Break	Holiday
		16	Tuesday	Simple Interest and Discount	3.2	December	17	1	Monday	Review for Final Exam	Review
		17	Wednesday	Lab Day	Lab			2	Tuesday	Review for Final Exam	Review
		18	Thursday	Compound Interest	3.3			3	Wednesday	Final Exam	FINAL
		19	Friday	Compound Interest	3.3			4	Thursday	Final Exam	FINAL
	7	22	Monday	Lab Day	Lab			5	Friday	Finalize Grades	
		23	Tuesday	Annuities, Future Value, and Sinking Funds	4.1						
		24	Wednesday	Annuities, Future Value, and Sinking Funds	4.1						
		25	Thursday	Lab Day	Lab						
		26	Friday	Annuities, Present Value, and Amortization	4.2						
	8	29	Monday	Annuities, Present Value, and Amortization	4.2						
		30	Tuesday	Lab Day	Lab						
October		1	Wednesday	Systems of Two Linear Equations in Two Variables	4.3						
		2	Thursday	Lab Day	Lab						
		3	Friday	Larger Systems of Linear Equations	4.5						
	9	6	Monday	Larger Systems of Linear Equations	4.5						
		7	Tuesday	Lab Day	Lab						
		8	Wednesday	Quiz 2 (3.2, 4.3, & 4.5)	Quiz						
		9	Thursday	Review for Exam 2	Review						
		10	Friday	Review for Exam 2	Review						
	10	13	Monday	Exam 2 (Ch. 3 & 4)	Exam						
		14	Tuesday	Exam 2 (Ch. 3 & 4)	Exam						
		15-17	W/R/F	Student Holiday	Holiday						

W-Day November 14, 2025

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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 at 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 are 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 before 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 when a student fails due to insufficient 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.