College of the Mainland

MATH-0320-032IN (1447) Intermediate Algebra- Summer 2021
Lecture, help and guidance Mon & Wed 03:00PM - 4:30PM (Bb Collaborative Ultra)

Professor:	Abbas Masum	**E-mail:** amasum@com.edu	
Telephone:	409-933-8244	**Office Hours**: Every Bb Sessions	

Course Communication
The **preferred method of communication** is through campus email at amasum@com.edu
I will make every effort to respond to your email within 24 hours of receiving it.

1. Required Textbook
The textbook used in this course is: Intermediate Algebra, 8th edition, by Tobey, Slater, Blair and Crawford by Pearson.

2. Textbook Purchase
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.

3. 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.

4. Technology
You are required to use a TI-30XIIS calculator for tests and quizzes. To become familiar with the calculator, it is suggested that you purchase one. You will need access to the internet to gain access to course materials using the MyMathLab software. If you do not have your own internet access, you can get access on campus in the Innovations Computer Lab, TVB 1324, in the Atrium in the Science Building, the Library and the Math Lab, TVB 1532.

5. Course Requirements

Homework Assignments
There is assigned homework for each section to be done online using MyMathLab.
MML course ID: masum12687

Quizzes and Exams
There are six quizzes, four chapter exams and a comprehensive final exam. All of the quizzes are to be done online using MyMathlab. You can retake each quiz just once to improve your score; the higher score will be the one that counts. There are no retakes on any of the exams. The final exam will replace the lowest chapter exam if your score is higher on the final exam.

6. Determination of Course Grade
Grading Formula: The course grade will be determined by the following formula:
Final Average =

64%Chapter Exam Average + 16%Final Exam + 10%Homework Average + 10%Quiz Average

Grading Scale:
Grade A: Final Average in [89.5, 100] Grade B: Final Average in [79.5, 89.5) Grade C: Final Average in [69.5, 79.5) Grade D: Final Average in [59.5, 69.5) Grade F: Final Average in [0, 59.5)

7. **Make-up policy**
There will be no make-up exams given. If a test is missed, I need to see a verifiable reason as to why you were not able to take the exam. If I accept your reason, then I will use your final exam to replace **a missed test.** If more than one exam is missed, there will be no substitute whatsoever. No makeup if the final is missed.

I will not drop any low grades. Please do not ask for it. I also do not give any extra credits.

8**. Course Outline-Subject to change.**

Week	Math 0320	Sections
1	Absolute Value Equations	2.3
	Linear Inequalities	2.6
	Absolute Value Inequalities	2.8
	Quiz A: Sections 2.6, 2.8	
	Graphing Linear Equations	3.1
	Slope of a Line	3.2
	Equations of a Line	3.3
2	Concept of a Function	3.5
	Graphing Functions	3.6
	Quiz B: Sections 3.5, 3.6	
	Review	
	Test 1: Chapters 2, 3	
	Systems of Linear Equations	4.1
3	Applications of Systems of Equations	4.3
	Quiz C: Section 4.3	
	GCF, Factor by Grouping, Factoring Trinomials	5.4
	Special Case Factoring	5.5
	Solving Equations by Factoring	5.6
		5.8
4	**Quiz D: Sections 5.5, 5.6, 5.8**	
	Review	
	Test 2: Chapters 4, 5	
	Rational Expressions, Simplifying, Multiplication, Division	6.1
	Dividing Polynomials	5.2
5	Synthetic Division	5.3
	Addition, Subtraction of Polynomials	6.2
	Complex Fractions, Rational Equations	6.3
	Quiz E: Sections 6.1, 6.4	6.4
	Review	
	Test 3: Chapters 5, 6	
	Radical Equations, Complex Numbers	7.5
	Quiz F: Sections 7.6	7.6
	Quadratic Equations, Quadratic Formula **Test 4: Chapters 7, 8, Final Exam**	8.1, 8.2
6	**College Algebra Starts-See the syllabus for Math 1314**	

9. Attendance Policy
You must log in and be active in MyMathLab at least twice each week. In addition to time spent in 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.

10. Withdrawal Policy
It is the responsibility of the student to withdraw from the class in the admissions office if the student decides that he or she wants to withdraw.

11. Student Success Tips
• Schedule your study time and be diligent in sticking with it. It is recommended that you allocate four hours per week in addition to time spent on homework, quizzes and exams.
• Find a study partner.

Studying with another person can help keep you motivated and on task.
• Be an active learner.
   ➢ Study the textbook, make notes and watch the videos.
   ➢ Do all the assignments.
   ➢ Study for all the exams using the reviews provided in the Exam Reviews folder.
   ➢ Seek help when something is unclear, don't put it off.

• Have a positive attitude. You can learn math!
• Use resources that are available.
   ➢ Use the instructor's office hours.
   ➢ Use the free tutoring that is available in the Math Lab, TVB 1532

12. **ADA Statement**
Any student with a documented disability needing academic accommodations is requested to contact Holly Bankston at 409-933-8520 or hbankston@com.edu. The Office of Services for Students with Disabilities is located in the Student Success Center.

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.

13. Classroom Conduct Policy
College of the Mainland requires that students enrolled at COM be familiar with the Standards of Student Conduct, which can be found in the on-line Student Handbook, http://www.com.edu/student-services/student-handbook . Students are expected to be familiar with and abide by the Student Code of Conduct. Any violations of the Code of Conduct will result in a referral to the Dean of Students and may result in dismissal from this class.

14. 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.

15. Plagiarism:
The practice of taking someone else's work or ideas and passing them off as one's own.

According to the Merriam-Webster online dictionary, to "plagiarize" means:

- to steal and pass off (the ideas or words of another) as one's own
- to use (another's production) without crediting the source
- to commit literary theft
- to present as new and original an idea or product derived from an existing source

In other words, plagiarism is an act of fraud. It involves both stealing someone else's work and lying about it afterward.

 All of the following are considered plagiarism:

- turning in someone else's work as your own
- copying words or ideas from someone else without giving credit
- failing to put a quotation in quotation marks
- giving incorrect information about the source of a quotation
- changing words but copying the sentence structure of a source without giving credit
- copying so many words or ideas from a source that it makes up the majority of your work, whether you give credit or not (see our section on "fair use" rules)

Link(s) to resource(s) about ways to avoid plagiarism: http://en.writecheck.com/ways-to-avoid-plagiarism/

16. Concerns/Questions Statement: 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 Leslie Richardson, at (409) 933 88329, lrichardson@com.edu

17. QEP (Quality Enhancement Plan):
This class has been selected to include oral communication in its curriculum as part of College of the Mainland's Quality Enhancement Plan (QEP) on oral communication across the curriculum. A small percentage of classes will also be video recorded for institutional purposes.

18. Table Mapping SLO's (Student Learner Outcomes) and Core Objectives
Upon successful completion of this course, students will:

Student Learner Outcomes	Maps to Core Objective	Assessed via this assignment
1. Define, represent, and perform operations on real and complex numbers.	Critical Thinking Skills (CT)	Exam
2. Recognize, understand, and analyze features of a function.	Critical Thinking Skills (CT)	Exam
3. Recognize and use algebraic (field) properties, concepts, procedures (including factoring), and algorithms to combine, transform, and evaluate absolute value, polynomial, radical, and rational expressions.	Visual Communication Skills (CS)	Quiz/Exam
4. Identify and solve absolute value, polynomial, radical, and rational equations.	Critical Thinking Skills (CT)	Quiz/Exam
5. Identify and solve absolute value and linear inequalities.	Empirical and Quantitative Skills (EQS)	Exam
6. Model, interpret and justify mathematical ideas and concepts using multiple representations.	Empirical and Quantitative Skills (EQS)	Quiz/Exam
7. Connect and use multiple strands of mathematics in situations and problems, as well as in the study of other disciplines.	Critical Thinking Skills (CT)	Quiz/Exam

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://build.com.edu/uploads/sitecontent/files/student-services/Student_Handbook_2019-2020v5.pdf. *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.* https://build.com.edu/uploads/sitecontent/files/student-services/Student_Handbook_2019-2020v5.pdf

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.

Counseling Statement:
Any student needing counseling services is requested to please contact Holly Bankston in the student success center at 409-933-8520 or hbankston@com.edu. Counseling services are available on campus in the student center for free and students can also email counseling@com.edu to set

up their appointment. Appointments are strongly encouraged; however, some concerns may be addressed on a walk-in basis.

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 5-week summer session is July 6. The last date to withdraw from the 10-week summer session is August 2. The last date to withdraw for the 2nd 5-week summer session is August 6.

F$_N$ Grading:

The F$_N$ grade is issued in cases of *failure due to a lack of attendance*, as determined by the instructor. The F$_N$ 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 F$_N$ grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an F$_N$ 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.

COVID-19 Statement:

All students, faculty, and staff are expected to familiarize themselves with materials and information contained on the College of the Mainland's Coronavirus Information site at www.com.edu/coronavirus. In compliance with Governor Abbott's May 18 Executive Order, face coverings/masks will no longer be required on COM campus. Protocols and college signage are being updated. We will no longer enforce any COM protocol that requires face coverings. We continue to encourage all members of the COM community to distance when possible, use hygiene measures, and get vaccinated to protect against COVID-19. Please visit com.edu/coronavirus for future updates.

As a reminder and safety point of view, please read the following and be vigilant:

Surviving an Active Shooter Event: Run, Hide and Fight

Planning to survive the event of a threat from an active shooter

- ❖ Lock the classroom door
- ❖ Barricades the door
- ❖ Improvise when choosing weapons to throw and distract the shooter
- ❖ Call the campus police at **409-933-8599 (Program number in your phone)**
- ❖ When police arrive have your hands up and follow all commands

Here are some useful training videos:

Run, Hide, Fight
https://www.youtube.com/watch?v=5VcSwejU2D0
Last Resort ACTIVE SHOOTER SURVIVAL Measures by Alon Stivi
https://www.youtube.com/watch?v=r2tIeRUbRHw
Surviving an Active Shooter Event - Civilian Response to Active Shooter
https://www.youtube.com/watch?v=j0It68YxLQQ
Make the Call
https://www.youtube.com/watch?v=AWaPp-8k2p0