



Math 0308.136CL
Foundations of Math Reasoning
Fall 2022
STEAM Building, Room 105
T/TH 8:00 AM-9:20 AM and F 9:00-9:50 AM

Instructor Information: Ms. Smith

Email: jsmith56@com.edu –

Include your course & section in the subject line when emailing.

Office phone: 409-933-8647

Office: STEAM Bldg., Suite 315, room 10

Student Hours (Office Hours); Location: STEAM 325-10

1. 11:20 am - 12:20 pm; Mon-Thurs.
2. 4:00 pm- 4:45pm; Monday/Wednesday
3. 1:40-3:40 pm; Tuesday/Thursday

Required Textbook/Materials:

1. The textbook for this course is: Prealgebra, 8th edition, by Elayn Martin-Gay, Pearson Education, 2018. **(No Purchase Necessary)**

2. Access to a desktop computer or laptop and internet service outside of class are required to gain access to the required online assignments. Computers and internet access are available on campus during specified times. *Some devices like iPads/tablets, Chromebooks, and cellphones present problems with gaining access to online MyLab Math assignments.*

Note: MyLab Math generally does not like Safari. Download Chrome or Firefox if you have an Apple computer.

3. *MyLab Math/Statistics (MLM)* software is required for this class and Math 1342.

4. E-Book via VitalSource in Brightspace - D2L

Required Technology: A calculator is needed for this course. A Texas Instruments TI30XIIS or TI 84 Plus is recommended. TI-89s or higher or TI-Nspire graphing calculators are not permitted. Internet capability is required to gain access to course materials and online assignments via MyMathLab software.

Course Description: This course prepares students for college-level courses in Quantitative Reasoning and Elementary Statistical Methods. Topics include numeracy and the real number system with emphasis on integers and rational numbers; rates, ratios, and proportions; percentages; solving linear equations; problem solving; measurement and geometry; and statistical concepts, notation, and reasoning. Prerequisite: TSIA2 Math Diagnostic 5. This course does not transfer.

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 Assignments (My Math Lab)

Quizzes (My Math Lab)

Four exams

Comprehensive final exam

Determination of Course Grade/Detailed Grading Formula:

Comprehensive Final Exam	20%
Regular Exams	60%
MyMathLab Homework	10%
MyMathLab Quizzes	10%
Final Average	100%

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)

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

Assignments-The late penalty for past due assignments is 20% of your grade. You cannot make up a quiz. A specified deadline will be given, and you will not be allowed to submit late. If the quiz assignment is not submitted or is not submitted by the deadline, a grade of zero will be recorded for the quiz assignment grade.

Test-As a general rule, 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 exam. If it is necessary to miss an exam, you are required to petition the instructor **before** the exam is given to be considered for a make-up exam. Only extenuating circumstances of a serious nature that are documented will be considered. Realize not being prepared for the exam is not a legitimate reason for a make-up exam nor is scheduling work/appointments during the class period. **All other missed tests will be assigned a zero, and the zero(s) will be used to calculate final grade in course.**

Your final exam grade will replace your lowest test grade. If you neglect to take a test by its due date, this grade will be the one replaced unless you have prior instructor approval to make up this test at an alternate time.

Occasionally, extra credit points will be offered to the entire class; however, individually, extra credit assignments will not be available.

Attendance Policy: Students at COM are expected to attend and participate in every session of all classes for which they are registered. Regular attendance is a critical component to being

successful in courses. Students should consult with their instructors when it becomes necessary to miss a class. Students are required to attend all classes. College of the Mainland recognizes no excused absences other than those prescribed by law.

You cannot make-up classes, and it is your responsibility to be punctual and regular at attending class. If you find that you are having trouble arriving on time, adjust your schedule accordingly. Tardiness or leaving early can cause you to be counted absent. 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. I will respond to your email as quickly as possible (usually within 24 hours). *I recommend downloading the Outlook app on your smartphone for easy access to COM email and to check your COM email at LEAST once per day.*

Academic Dishonesty: Any incident of academic dishonesty will be dealt with in accordance with college policy and the Student Handbook. Academic dishonesty – such as cheating on exams is an extremely serious offense and will result in a **grade of zero** on that exam and the student will be referred to the Office of Student Conduct for the appropriate disciplinary action.

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 Mr. Leslie Richardson, Chair of the Math Department, at 409-933-8329 or lrichardson@com.edu.

Additional Policies

Unattended Minors/Children in Class

For their safety, unattended minors of students are not permitted on campus while students are in class. In consideration of fellow classmates and staff, please do not bring children to class.

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. Food and drinks, except for bottled water, are not allowed in classrooms. All other items (backpacks, purses, bags, laptops, etc.) must be placed between your feet. In addition, headsets/wireless earbuds and cell phones are to be placed in your backpack, etc. before class starts.

Classroom Conduct Policy

Arriving on time, staying the entire class period, eliminating distractions like cell phones, using appropriate language (no cursing), respecting your classmates and the instructor, and cleaning up after yourself are all expectations for students in the classroom. Please abide by these expectations so that the class setting is enjoyable for all students. Regarding cell phones, they should be turned off or set on airplane mode and in your backpack/purse (not on your desk). It is extremely disruptive to the learning environment, so you will be asked to leave if it is a continuous problem. Infractions may result in an automatic withdrawal from the class. Cell

phones **cannot** be used during tests or quizzes and refer to testing policies for additional information. Please notify me before class if you have an emergency that requires you to answer your phone during class. Take an emergency phone call outside of the classroom.

Testing Policy

Prohibited devices include, but are not limited to:

- Cell phones; smart phones; smart watches
- Audio players/recorders, tablets, laptops, notebooks, or any other personal computing devices
- Separate timers
- 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.

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.

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 prior to entering the classroom to take an exam.

Course outline:

Tentative Schedule

Week	Section	Topic	Due Date
1		Orientation	Aug. 28
	2.1	Introduction to Integers	
	2.2	Adding Integers	
	2.3	Subtracting Integers	
	2.4	Multiplying and Dividing Integers	
2	2.5	Order of Operations	Sept. 4
	2.6	Solving Equations: Review of the Addition and Multiplication Properties	
2 cont'd		Quiz 1: Chapter 2	Sept. 4
	8.1	Pictographs, Bar Graphs, Histograms, Line Graphs, and Introduction to Statistics	
	8.2	Circle Graphs	
3	8.3	The Rectangular Coordinate System and Paired Data	Sept. 11
	8.4	Graphing Linear Equations in Two Variables	
	8.5	Counting and Introduction to Probability	
		Review for Test 1	
4		Test 1: Chapters 2 and 8	Sept. 13
	3.1	Simplifying Algebraic Expressions	Sept. 18
	3.2	Solving Equations: Review of the Addition and Multiplication Properties	
	3.3	Solving Linear Equations in One Variable	

5	3.4	Linear Equations in One Variable and Problem Solving	Sept. 25	
		Quiz 2: Chapter 3		
	4.1	Introduction to Fractions and Mixed Numbers		
	4.2	Factors and Simplest Form		
	4.3	Multiplying and Dividing Fractions		
6	4.4	Adding and Subtracting Like Fractions, Least Common Denominator, and Equivalent Fractions	Oct. 2	
	4.5	Adding and Subtracting Unlike Fractions		
	4.7	Operations on Mixed Numbers		
	4.8	Solving Equations Containing Fractions		
7		Test 2: Chapters 3 and 4	Oct. 4	
	5.1	Introduction to Decimals	Oct. 9	
	5.2	Adding and Subtracting Decimals		
	5.3	Multiplying Decimals and Circumference of a Circle		
8	5.4	Dividing Decimals	Oct. 16	
	5.5	Fractions, Decimals, and Order of Operations		
	5.6	Solving Equations Containing Decimals		
	5.7	Decimal Applications: Mean, Median, and Mode		
9		Quiz 3: Chapter 5	Oct. 23	
	6.1	Ratios and Rates		
	6.2	Proportions		
	6.3	Proportions and Problem Solving		
10		Review for Test 3	Oct. 25	
		Test 3: Chapters 5 and 6		
	7.1	Percents, Decimals, and Fractions		Oct. 30
	7.2	Solving Percent Problems with Equations		
7.3	Solving Percent Problems with Proportions			
11	7.4	Applications of Percent	Nov. 6	
	7.5	Percent and Problem Solving: Sales Tax, Commission, and Discount		
	7.6	Percent and Problem Solving: Interest		
		Quiz 4: Chapter 7		
12	9.2	Perimeter	Nov. 13	
	9.3	Area, Volume, and Surface Area		
	9.4	Linear Measurement (US & Metric units of length)		
	9.5	Weight and Mass (US & Metric units of weight and mass)		
13	9.6	Capacity (US & Metric units of volume)		

	9.7	Temperature and Conversions Between the U.S. and Metric Systems	Nov. 20
		Review for Test 4	
14		Test 4: Chapters 7 and 9	Nov. 22
		****Thanksgiving Holiday****	
15		Review for Final Exam	Nov. 29
		Comprehensive Final Exam	Dec. 1

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

****W-Day – November 18, 2022****

Census Day – September 7, 2022

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.

ADA Statement: Any student with a documented disability needing academic accommodations is requested to contact Michelle Brezina at 409-933-8124 or mvaldes1@com.edu. The Office of Services for Students with Disabilities is located in the 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 5. The last date to withdraw from the 16-week session is November 18. The last date to withdraw for the 2nd 8-week session is December 1.

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.